

E.C. ATKINS & CO.  
INC.

SAWS  
AND  
SAW TOOLS









ESTABLISHED 1857

INCORPORATED 1885



# E.C. ATKINS & CO.

# SAWS

SAW TOOLS  
MILL  
SPECIALTIES

1914

INDIANAPOLIS, INDIANA U.S.A.

BRANCH HOUSES:

ATLANTA, GA.  
NEW ORLEANS, LA.  
MEMPHIS, TENN.

MINNEAPOLIS, MINN.  
CHICAGO, ILL.  
NEW YORK CITY

SEATTLE, WASH.  
SAN FRANCISCO, CAL.  
PORTLAND, ORE.

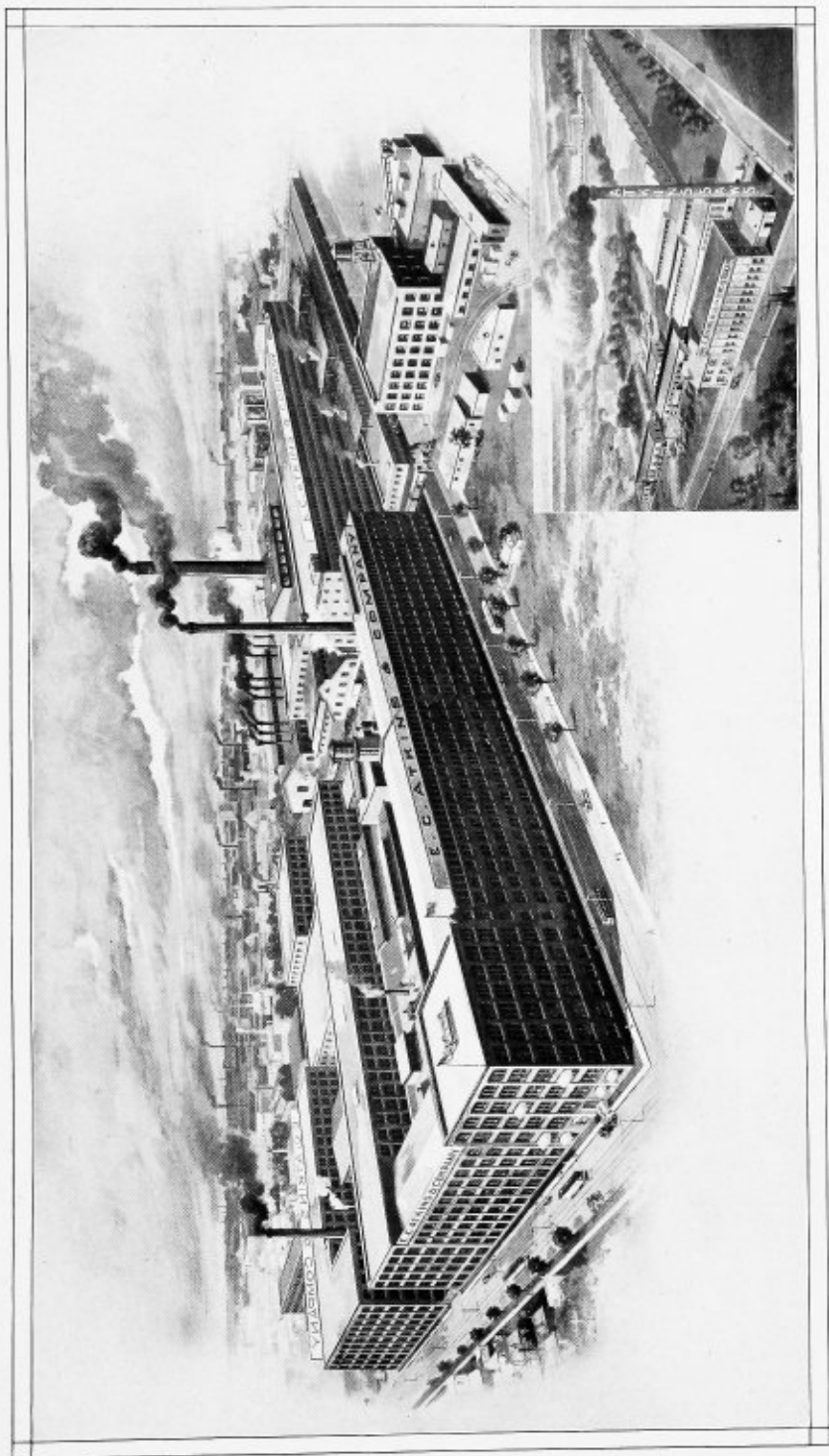
CANADIAN FACTORY: HAMILTON, ONTARIO

VANCOUVER, B. C.

No 15 RUE OUDINOT, PARIS

SYDNEY, N. S. W.

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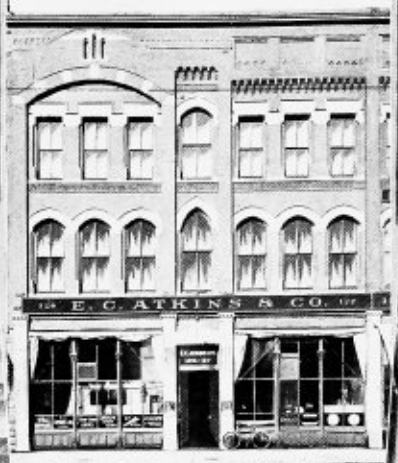
VIEWS OF PLANTS AT INDIANAPOLIS AND HAMILTON



ATKINS  
SAWS



VANCOUVER



MINNEAPOLIS



SEATTLE



SAN FRANCISCO



PORTLAND







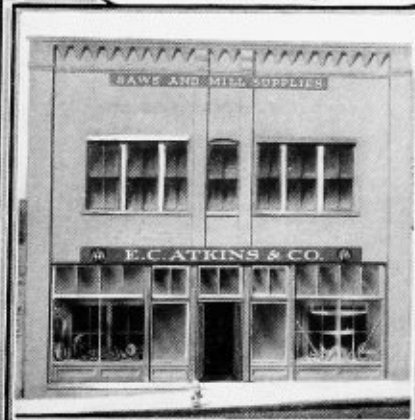
MEMPHIS



CHICAGO



NEW YORK



ATLANTA



NEW ORLEANS

## INTRODUCTORY

**T**HE Atkins Family have been making Saws for about three hundred years. During this period, from one generation to another, they have actually followed the growth of the Saw from its most primitive type to its present state of development.

They have been students.

They are a family of inventors.

To them the world is largely indebted for the innovations that have taken place in the Saw World.

The commonplace has never satisfied their ambitions.

The slogan has ever been, "Atkins Always Ahead."

This means more than a mere catch phrase. It means, that the policy of the Atkins Family has been to maintain the highest standard in all things pertaining to the making of the very finest Saws.

It means that cost of manufacture is not to be considered where it will add one whit to the result giving qualities of the product.

So that it is with feelings of extreme pride that we present to the world this, the latest word in Saw Making.

Just as we believe this to be the finest and most comprehensive book that has ever been published on this subject, so we believe the various items shown herein represent the highest development in their different lines.

It is strictly upon the ground of superior quality that we respectfully solicit the patronage of all lovers of fine Saws and Tools.



1857

E. C. ATKINS & CO., INC.

# ATKINS SILVER STEEL SAWS

## OUR DEPARTMENTS

Owing to the varied uses for Saws and other tools of our manufacture and the fact that so many different classes of business are affected, our complete product has been divided into departments.

Each of these is under the direct personal supervision of experts who have made their particular line a life study. The facilities offered, therefore, are the same as though each department were a separate institution.

These different departments and the lines included therein are as follows:

### MILL SAWS

Circular Saws, Edger Saws, Concave Saws, Shingle and Heading Saws, Segment Veneer Saws, Circular Mitre Saws, Patent Tooth Saws, Wobble Saws, Circular Knives, Inserted Tooth Saws, Bits and Holders, Rift Saws, Band Saws, Gang Saws, Drag Saws, Mulay Saws, Pit Saws, Whip Saws, Barrel Saws, Dado Heads, Felloe Webs and Scroll Saws, etc. etc.

### METAL SAWS

Circular Metal Cutting Saws of all kinds and for all types of machines, High Speed Metal Saws, Metal Cutting Band Saws, Hand and Power Hack Saw Blades, Rail Hack Saws, Hand Hack Saw Frames, Metal Cutting Hand Saws, High Speed Power Hack Saw Machines.

### CROSS CUT SAWS

Both Two-Man Wide and Narrow, and One-Man.

### THE HARDWARE LINE

Hand Saws, Cross Cut Saws, Wood Saws, Ice Saws, Mitre Box Saws, Back Saws, Manual Training Saws, Compass and Keyhole Saws, Pruning Saws, Butcher Saws, Nests of Saws, Coping Saws, Stairbuilders' Saws, Dehorning Saws, Pattern Makers' Saws, Braces, Grass Hooks, Floor Scrapers, Bench, Wall and Belt Scrapers, Cabinet Scrapers, Corn Knives, Cane Knives, etc.

### SAW TOOLS AND SPECIALTIES

Eccentric Swages, Upset Swages, Saw Vises, Clamps and Sets, Saw Fitting Tools, Hammers, Straight Edges, Gummers, Grinders, Grinding Wheels, Brazing Outfits, Mandrels, Car Movers, Belt Punches, etc.

### TROWELS

Plastering Trowels, Finishing Trowels, Cement Trowels for Edging, Guttering, etc.

### MACHINE KNIVES

A complete line of Machine Knives for all classes of work where power machinery is used.

### REPAIR WORK

We have completely equipped Repair Shops at Atlanta, Memphis, Minneapolis, New Orleans, Portland, Ore., Seattle, Vancouver, B. C., Hamilton, Ont. and Indianapolis for the prompt and accurate execution of all classes of repair work.

### SPECIAL WORK

Our equipment and facilities enable us to execute the manufacture of a great many special items where high quality of steel and delicate manipulation is essential, such as automobile and harrow discs or sheet metal work of any kind.

### OUR BRANCHES

Our Branch Houses at Atlanta, Chicago, Memphis, Minneapolis, New Orleans, New York City, Portland, Oregon, San Francisco, Seattle, Vancouver, B. C., Sydney, N. S. W., and our Canadian factory at Hamilton Ont., as well as numerous distributing agents throughout the world, place the Atkins line within easy reach of the users of Saws everywhere.

**GENERAL INFORMATION**

**CREDITS**

We shall be pleased to issue reasonable credit to the extent which the financial standing of our customers warrants.

New customers will, therefore, facilitate matters by sending a financial statement with their initial order.

Being unable to secure satisfactory commercial reference, all shipments will be made C. O. D. or by the sending of cash bills for the remittance in advance of shipment.

Orders for all special work, Saws or Supplies, not cataloged, should be accompanied by a remittance.

**REMITTANCES**

All bills are payable in New York Exchange or other funds current at par in Indianapolis.

Errors in bills or shortages must be reported immediately upon receipt of goods.

**ORDERS**

Be particular to give explicit shipping directions with each order. This should include the shipping point, how to be shipped and postoffice, if different.

All orders submitted through our agents or by mail are subject to our approval. If declined, customer will be notified promptly.

Quotations are subject to change without notice and goods invoiced at current prices when shipped.

We reserve the right to correct stenographic errors on quotations and will not be held responsible for errors or delays which are beyond our control.

All prices are F. O. B. Factory unless otherwise quoted.

**SHIPMENTS**

All packages in excess of 100 pounds will be shipped by freight unless otherwise specified, we using our discretion as to the most advantageous route.

**PARCEL POST**

All shipments that come within the provisions of the parcel post regulations will be so shipped unless the corresponding express rates are cheaper. All shipments by parcel post will be insured and customer charged with said insurance unless we are instructed to the contrary.

In all cases of shipment, whether by freight, express or parcel post, our responsibility ceases upon delivery of the goods to the transporter and their receipt taken therefor.

E. C. ATKINS & CO., INC.

## **ATKINS SILVER STEEL SAWS**

### **THE ATKINS GUARANTEE**

No saw is a genuine Atkins Silver Steel Saw unless the name, "E. C. Atkins & Co." and the trade mark showing three A's is plainly etched thereon.

It is the policy and the intention of E. C. Atkins & Co. to see to it that any article bearing their name shall be of the very highest quality, and we will deem it a favor to be advised in regard to any such item which does not give perfect satisfaction.

### **ATKINS CIRCULAR AND BAND SAWS**

These saws are warranted to be made of Atkins Silver Steel, to be as true as it is possible to make them and free from flaws and seams. Where slight changes in tension to fit the requirements are needed, these will be made free of charge, or a new saw given in exchange, provided it is returned within a period of thirty days after delivery.

Warning: Saws cracked or broken, as a result of filing square corners in the gullets or from using a cold chisel, or punch, in re-toothing, will not be replaced under this warranty.

We will not be responsible for saws in which the holes have been reamed, filed or otherwise changed from original specifications.

### **METAL SAWS**

All Atkins Metal Saws, including round and band saws and hack saw blades, are guaranteed to be made of the very finest material, properly tempered, and will give the best possible service.

Any metal saw that fails to stand up to its work in a satisfactory manner should be immediately reported to the house from which it is purchased, together with a statement of facts. Careful investigation will be made and if a saw has proven defective, it will be replaced by a new saw.

### **ATKINS CROSS CUT SAWS**

Any Atkins Silver Steel Cross Cut Saw which fails to run easier, cut faster and hold its edge longer, or which fails to cut more timber with one filing than any other brand of saws, may be exchanged for a new saw if reported to us within a period of thirty days after delivery.

### **ATKINS SILVER STEEL HAND, WOOD AND OTHER SMALL SAWS**

We absolutely guarantee the above saws to give satisfaction in every particular. Any Atkins Silver Steel Hand, Rip, Panel, Keyhole, Back, or other saw bearing our name is fully warranted against all defects and guaranteed to give complete satisfaction in every way and is subject to replacement if defective in any particular.

E. C. ATKINS & CO., INC.

# MEDALS AWARDED E. C. ATKINS & Co.



CENTENNIAL EXPOSITION  
PHILADELPHIA, 1876



WORLD'S COLUMBIAN EXPOSITION  
CHICAGO, ILLINOIS, 1893



EXPOSITION UNIVERSELLE  
INTERNATIONALE  
PARIS, 1900



PAN-AMERICAN EXPOSITION  
BUFFALO, N. Y., 1901



ALASKA-YUKON-PACIFIC  
EXPOSITION  
SEATTLE, 1909



EXPOSITION INTERNATIONALE  
DE L'EST DE LA FRANCE  
NANCY, 1909



INDIANA STATE, 1864



WORLD'S INDUSTRIAL AND COTTON  
CENTENNIAL EXPOSITION  
PHILADELPHIA, 1884

## THE ATKINS TELEGRAPHIC CODE

We call particular attention to our new Five-Letter Code, as given below, and respectfully ask our patrons to make use of same, as far as possible, when telegraphing.

### TIME AND MANNER OF SHIPPING

Aback . . . . .	Express at once.	Abear . . . . .	Order confirmed by mail.
Abaft . . . . .	Freight at once.	Abhor . . . . .	When will you ship order?
Abash . . . . .	Express as soon as possible.	Abide . . . . .	If you cannot ship at once, advise us by wire.
Abate . . . . .	Freight as soon as possible.	Abode . . . . .	Customer in great hurry.
Abbey . . . . .	Answer, saying when you can ship.	Abyss . . . . .	Customer will cancel if not shipped at once.

### SHIPMENT QUESTIONS

Abuse . . . . .	Shall we ship via rail?	Agone . . . . .	When can you ship us partial shipment?
Acorn . . . . .	Shall we ship via rail and lakes?	Anear . . . . .	When can you make complete shipment of our order?
Acrid . . . . .	Shall we ship via steamer?	Abear . . . . .	When will you complete our order?
Actor . . . . .	Shall we ship via express?	Angel . . . . .	When and how did you make shipment?
Acute . . . . .	Shall we ship via sailing vessel?	Anger . . . . .	Where did you make shipments?
Adage . . . . .	Shall we ship via cheapest route?	Angle . . . . .	Shall we get through rate of freight?
Adapt . . . . .	Shall we ship via quickest route (freight)?	Anile . . . . .	Shall we prepay freight?
Adder . . . . .	When will you ship?	Anise . . . . .	Shall we prepay express?
Admix . . . . .	When can you ship?	Ankle . . . . .	Shall we send wire tracer after shipment?
Adult . . . . .	Can you ship us promptly?	Annal . . . . .	Shall we cancel unfilled portion of order?
Agape . . . . .	Can you ship to-day?	Annex . . . . .	Shall we hold for shipping instructions?
Agate . . . . .	Can you make shipment by the	Annoy . . . . .	Shall we make partial shipment, balance later?
Agast . . . . .	Can you ship on receipt of order?	Antic . . . . .	Shall we enter order to be shipped at earliest date possible?
Agile . . . . .	Can you furnish within		

### SHIPMENT ANSWERS

Apace . . . . .	Ship via rail.	Arrow . . . . .	Will do our best to ship earlier.
Apeak . . . . .	Ship via rail and lakes.	Aside . . . . .	Will try to ship in 1 day.
Apery . . . . .	Ship via steamer.	Aspen . . . . .	Will try to ship in 2 days.
Apian . . . . .	Ship via express.	Aspic . . . . .	Will try to ship in 3 days.
Apish . . . . .	Ship via sailing vessel.	Assay . . . . .	Will try to ship in 4 days.
Aport . . . . .	Ship via cheapest route.	Astel . . . . .	Will try to ship in 5 days.
Appal . . . . .	Ship via quickest route (freight).	Astun . . . . .	Will try to ship in 6 days.
Apron . . . . .	We can ship	Asure . . . . .	Will try to ship in 7 days.
Aptly . . . . .	We can ship at once.	Atilt . . . . .	Will try to ship in 8 days.
Araby . . . . .	We expect to ship to-day.	Atimy . . . . .	Will try to ship in 9 days.
Ardor . . . . .	We expect to ship	Atjar . . . . .	Will try to ship in 10 days.
Arear . . . . .	We expect to ship order complete	Atluk . . . . .	Will try to ship in 2 weeks.
Areek . . . . .	We expect to make partial shipment	Atman . . . . .	Will try to ship in 3 weeks.
Arena . . . . .	We expect to ship balance of order	Atoll . . . . .	Will try to ship in 4 weeks.
Argon . . . . .	We made you shipment	Atone . . . . .	Will try to ship in 5 weeks.
Argot . . . . .	We completed your order	Attic . . . . .	Will try to ship in 6 weeks.
Argue . . . . .	Shipment was made to	Attus . . . . .	Will try to ship in 60 days.
Argus . . . . .	Shipment was made by	Brand . . . . .	Will try to ship to-morrow
Arian . . . . .	Shipment was made on	Bride . . . . .	Will try to ship in week to 10 days.
Ariel . . . . .	We will ship as soon as possible.	Beeze . . . . .	Will try to ship in 10 days to 2 weeks.
Arise . . . . .	We can make shipment on receipt of order.	Booze . . . . .	Will try to ship in 2 to 3 weeks.
Armed . . . . .	We cannot promise definitely.	Brade . . . . .	Will try to ship in 3 to 4 weeks.
Armor . . . . .	Impossible for us to fill your order in time specified.	Broad . . . . .	Will try to ship in 4 to 5 weeks.
Arose . . . . .	If ordered immediately, can ship	Batem . . . . .	Will try to ship in 5 to 6 weeks.
Array . . . . .	If ordered to-day, can ship	Brace . . . . .	Will try to ship in 6 to 8 weeks.

### SHIPMENT INSTRUCTIONS

Audit . . . . .	Please send shipping instructions.	Aview . . . . .	Cancel our order.
Auget . . . . .	We have sent wire tracer after shipment.	Avoke . . . . .	Cancel balance of order.
Aunty . . . . .	Ship to-day sure.	Awake . . . . .	Cancel balance of order unless shipped by
Aural . . . . .	Ship to-day or cancel.	Awful . . . . .	We are entirely out of
Auris . . . . .	Ship as soon as possible.	Awned . . . . .	We are urgently in need of
Avail . . . . .	Ship on the date specified without fail.	Axiom . . . . .	Send wire tracer after shipment.
Avens . . . . .	Ship at once any portion of our order.	Axmon . . . . .	Get through rate of freight.
Avert . . . . .	Ship to-day what you have ready and balance at earliest convenience.	Aziam . . . . .	Prepay freight.
Avian . . . . .	Very urgent, rush order.	Azale . . . . .	Prepay express.

# ATKINS SILVER STEEL SAWS

## THE ATKINS TELEGRAPHIC CODE—Continued

### PRICES

Bacon..... At what prices can you furnish?  
 Badge..... At what price and how soon can you furnish?  
 Balta..... Prices are subject to change without notice.  
 Baggy..... We quote you  
 Baira..... We can not furnish  
 Balze..... Not less than  
 Baked..... Delivery in your city.

Baken..... Free on board at  
 Baler..... Less freight allowance per 100 pounds of  
 Baky..... Please send specifications in detail.  
 Balmy..... We cannot accept offer  
 Balsa..... You can quote  
 Basop..... We have not quoted.  
 Bater..... If necessary to meet competition, you can quote.

### ORDERS

Banal..... We have entered your order for  
 Bandy..... Enter our order at prices named.  
 Banjo..... Will you accept order?  
 Banns..... We accept your order.  
 Banty..... Duplicate our order

Barky..... Enter our order for  
 Baron..... Send detail specifications.  
 Basal..... We cannot accept your order.  
 Basic..... Order confirmed by mail.

### CANCELLATIONS

Badar..... We will cancel your order.  
 Babam..... We cancelled your order.  
 Babdo..... We cannot cancel your order.

### GENERAL

Basso..... See letter of this date.  
 Baste..... Please reply immediately by telegraph.  
 Basyl..... Your telegram is unintelligible, please repeat  
 Batam..... See at once, are in market for

### DISCOUNTS

	Per Cent
Batch.....	2
Bathe.....	2½
Baton.....	3
Bazar.....	5
Beaky.....	7½
Beamy.....	10
Beard.....	15
Beast.....	20
Belew.....	20-5
Beeve.....	20-10
Befit.....	20-10-5
Befog.....	20-10-10

	Per Cent
Belay.....	25
Belic.....	30
Belle.....	30-5
Berob.....	30-10
Berry.....	30-10-5
Berth.....	30-10-10
Beryl.....	35
Beset.....	40
Bight.....	40-5
Bigot.....	40-10
Biped.....	40-10-5
Bison.....	40-10-10

	Per Cent
Bites.....	45
Blame.....	50
Bland.....	50-5
Blare.....	50-10
Blast.....	50-10-5
Blaze.....	50-10-10
Bleak.....	55
Blear.....	60
Bless.....	60-5
Blind.....	60-10
Blink.....	60-10-5
Bliss.....	60-10-10

	Per Cent
Bloat.....	65
Boast.....	70
Bogles.....	70-5
Bogus.....	70-10
Boots.....	70-10-5
Boots.....	70-10-10
Booty.....	75
Borne.....	80
Bossy.....	80-5
Bower.....	80-10
Boxer.....	80-10-5
Braid.....	80-10-10

### TERMS

Brain..... 10 days net  
 Brush..... 30 days net  
 Bravo..... 60 days net  
 Brawl..... 90 days net

Braxy..... 4 months net  
 Breed..... Special terms per contract  
 Bribe..... 2 per cent cash in 10 days  
 or 60 days net  
 Brier..... 3 per cent cash in 30 days

### CIRCULAR AND MILL SAWS

Cabal..... Circular saws, solid tooth rip  
 Cabby..... Circular saws, solid tooth cross cut  
 Cabin..... Circular saws, solid tooth Kerf King  
 Cache..... Circular saws, solid tooth shingle or heading saws  
 Caddy..... Circular saws, inserted chisel tooth (style tooth  
 No. 5)  
 Cadet..... Circular saws, inserted chisel tooth (style tooth  
 No. 4)  
 Cadge..... Circular saws, inserted chisel tooth (style tooth  
 No. 3)  
 Calix..... Circular saws, inserted chisel tooth (style tooth  
 No. 2½)  
 Calla..... Circular saws, inserted chisel tooth (style tooth  
 No. 2)  
 Camel..... Circular saws, inserted chisel tooth (style tooth  
 No. 30)  
 Canal..... Circular saws, inserted chisel tooth (short holder  
 pattern)  
 Canbo..... Atkins inserted tooth cut-off saw  
 Candy..... Circular saws, solid tooth, edgers  
 Caned..... Circular saws, solid tooth, re-saws  
 Cany..... Circular saws, solid tooth, top saws  
 Canoe..... Circular saws, veneering saws in segments  
 Canto..... Circular saws, slate  
 Capor..... Circular saws, McKam Tooth  
 Carib..... Circular saws, wabble  
 Carol..... Circular saws, lock corner box cutters  
 Carom..... Circular knives

Carve..... Circular saws, metal  
 Caste..... Circular saws, milling saws for Bryant Machine  
 Catch..... Circular saws, milling saws for Higley Machine  
 Cater..... Circular saws, lathe  
 Catty..... Circular saws, Tindel High Duty  
 Cavi..... Band saws, (mill)  
 Chafe..... Band saws, (scroll)  
 Chalk..... Mulay saws  
 Chant..... Mulay saws, special pattern for Chandler & Taylor  
 Mill  
 Charm..... Gang saws  
 Chasm..... Rift saws  
 Chaty..... Drag saws, tapered 6x4 inches  
 Cheer..... Drag saws, tapered 8x6 inches  
 Chide..... Drag saws, tapered 7x5 inches  
 Chump..... Drag saws, tapered 7½x4½ inches  
 Charm..... Drag saws, equal width, 10 inches  
 Cider..... Drag saws, equal width, 8 inches  
 Cinch..... Drag saws, lance tooth  
 Clash..... Drag saws, tuttle tooth  
 Cleft..... Drag saws, mill tooth  
 Cleve..... Drag saws, single hook tooth  
 Click..... Drag saws, diamond tooth  
 Cliff..... Whip saws  
 Climb..... Pit saws  
 Clink..... Cylinder saws  
 Cloak..... Bilge saws



# ATKINS SILVER STEEL SAWS

## THE ATKINS TELEGRAPHIC CODE—Continued

### SPEED, REVOLUTIONS PER MINUTE

Clerk.....	200	Cocoa.....	675	Comus.....	1350	Cowan.....	3000
Clest.....	250	Codex.....	700	Couch.....	1400	Cowle.....	3250
Clipp.....	275	Codle.....	725	Coney.....	1450	Coxal.....	3500
Cliga.....	300	Cohog.....	750	Comid.....	1500	Cozen.....	3750
Clina.....	325	Coign.....	775	Comne.....	1550	Crake.....	4000
Cling.....	350	Coind.....	800	Cooky.....	1600	Cramp.....	4500
Clipt.....	375	Coyne.....	825	Coomb.....	1650	Crash.....	5000
Clont.....	400	Cokes.....	850	Cooth.....	1700	Crawl.....	5500
Closh.....	425	Colic.....	875	Coppy.....	1750	Craze.....	6000
Cloud.....	450	Colly.....	900	Copsy.....	1800	Cream.....	6500
Clove.....	475	Colon.....	950	Couqe.....	1850	Credo.....	7000
Clown.....	500	Colza.....	1000	Coral.....	1900	Creel.....	7500
Clubs.....	525	Comal.....	1050	Corne.....	1950	Crisp.....	8000
Clump.....	550	Combs.....	1100	Cosey.....	2000	Croak.....	8500
Coach.....	575	Comet.....	1150	Cough.....	2100	Crone.....	9000
Coact.....	600	Comic.....	1200	Count.....	2200	Crust.....	9500
Coaly.....	625	Comma.....	1250	Coury.....	2500	Cyrer.....	10000
Coats.....	650	Compo.....	1300	Cover.....	2750		

### DIAMETER

Daffy.....	1 inch	Defer.....	18 inch	Dicky.....	40 inch	Drama.....	74 inch
Dairy.....	2 inch	Deify.....	19 inch	Digit.....	42 inch	Drape.....	76 inch
Daisy.....	3 inch	Deign.....	20 inch	Dingy.....	44 inch	Drawl.....	78 inch
Dally.....	4 inch	Deity.....	21 inch	Dirge.....	46 inch	Dread.....	80 inch
Dance.....	5 inch	Delve.....	22 inch	Dirty.....	48 inch	Dream.....	82 inch
Dandy.....	6 inch	Demit.....	23 inch	Doggy.....	50 inch	Drego.....	84 inch
Darby.....	7 inch	Demon.....	24 inch	Dolce.....	52 inch	Dress.....	86 inch
Daunt.....	8 inch	Demur.....	25 inch	Dolly.....	54 inch	Drier.....	88 inch
Davit.....	9 inch	Demis.....	26 inch	Dolor.....	56 inch	Droit.....	90 inch
Dawdy.....	10 inch	Dense.....	27 inch	Donor.....	58 inch	Drink.....	92 inch
Dazed.....	11 inch	Derby.....	28 inch	Doric.....	60 inch	Droell.....	94 inch
Death.....	12 inch	Deter.....	29 inch	Dotty.....	62 inch	Drone.....	96 inch
Debar.....	13 inch	Deuce.....	30 inch	Doubt.....	64 inch	Droop.....	98 inch
Debut.....	14 inch	Devil.....	32 inch	Dough.....	66 inch	Dross.....	100 inch
Decay.....	15 inch	Devon.....	34 inch	Douse.....	68 inch		
Decoy.....	16 inch	Diana.....	36 inch	Dower.....	70 inch		
Decry.....	17 inch	Diary.....	38 inch	Downy.....	72 inch		

### GAUGE

Eager.....	30	Elemi.....	4	Enarm.....	7 x 15	Erect.....	10 x 12
Easel.....	29	Elfin.....	3	Endew.....	7 x 16	Ergal.....	10 x 13
Eaves.....	28	Elide.....	2	Endie.....	7 x 17	Ergon.....	10 x 14
Ebrew.....	27	Elmes.....	1	Eneid.....	8 x 8	Erica.....	10 x 15
Eburn.....	26	Elode.....	5 x 5	Enema.....	8 x 9	Ermin.....	10 x 16
Eccle.....	25	Eloge.....	5 x 6	Enemy.....	8 x 10	Erose.....	10 x 17
Echin.....	24	Eloin.....	5 x 7	Enerd.....	8 x 11	Erump.....	10 x 18
Eclat.....	23	Elong.....	6 x 6	Engin.....	8 x 12	Ervum.....	11 x 11
Ecole.....	22	Elope.....	6 x 7	Engle.....	8 x 13	Escar.....	11 x 12
Ectal.....	21	Elsen.....	6 x 8	Ensky.....	8 x 14	Esmal.....	11 x 13
Edder.....	20	Elute.....	6 x 9	Ensue.....	8 x 15	Essay.....	11 x 14
Edict.....	19	Elver.....	6 x 10	Entad.....	8 x 16	Estat.....	11 x 15
Edify.....	18	Email.....	6 x 11	Entry.....	8 x 17	Ester.....	11 x 16
Edile.....	17	Emang.....	6 x 12	Envoy.....	8 x 18	Estoc.....	11 x 17
Educt.....	16	Embar.....	6 x 13	Enzym.....	9 x 9	Estre.....	11 x 18
Efagg.....	15	Embla.....	6 x 14	Eosin.....	9 x 10	Etaac.....	11 x 19
Egret.....	14	Embog.....	6 x 15	Epact.....	9 x 11	Ethal.....	11 x 20
Eisel.....	13	Embry.....	6 x 16	Ephah.....	9 x 12	Ether.....	12 x 12
Ejido.....	12	Emeer.....	7 x 8	Ephor.....	9 x 13	Ethic.....	12 x 13
Eking.....	11	Emend.....	7 x 9	Epoch.....	9 x 14	Ethos.....	12 x 14
Elaic.....	10	Emmet.....	7 x 10	Epode.....	9 x 15	Etite.....	12 x 15
Elamp.....	9	Emony.....	7 x 11	Epure.....	9 x 16	Etude.....	12 x 16
Elate.....	8	Empty.....	7 x 12	Erack.....	9 x 17	Eurus.....	12 x 17
Elder.....	7	Emrod.....	7 x 13	Erato.....	9 x 18	Evade.....	12 x 18
Elect.....	6	Enact.....	7 x 14	Erber.....	10 x 10	Event.....	12 x 19
Elegy.....	5	Enage.....	7 x 14	Erbia.....	10 x 11	Evict.....	12 x 20

# ATKINS SILVER STEEL SAWS

## THE ATKINS TELEGRAPHIC CODE—Continued

### HAND OF SAWS

Facer.....Left Hand      Fable.....Right Hand

### NUMBER OF TEETH

Facie..... 4 teeth	Feast..... 42 teeth	Finch..... 80 teeth
Fadge..... 6 teeth	Feces..... 44 teeth	Finis..... 82 teeth
Faggy..... 8 teeth	Feign..... 46 teeth	Finit..... 84 teeth
Fagot..... 10 teeth	Felon..... 48 teeth	Finny..... 86 teeth
Fagus..... 12 teeth	Fenks..... 50 teeth	Firth..... 88 teeth
Faham..... 14 teeth	Froff..... 52 teeth	Fitab..... 90 teeth
Paint..... 16 teeth	Ferny..... 54 teeth	Flail..... 92 teeth
Fairy..... 18 teeth	Fetal..... 56 teeth	Flake..... 94 teeth
Faith..... 20 teeth	Fetch..... 58 teeth	Flank..... 96 teeth
False..... 22 teeth	Fetor..... 60 teeth	Flash..... 98 teeth
Fancy..... 24 teeth	Fever..... 62 teeth	Flaxy..... 100 teeth
Famon..... 26 teeth	Fibre..... 64 teeth	Fleak..... 110 teeth
Farad..... 28 teeth	Fiend..... 66 teeth	Fletz..... 120 teeth
Farce..... 30 teeth	Fiery..... 68 teeth	Flier..... 130 teeth
Faren..... 32 teeth	Filet..... 70 teeth	Fling..... 140 teeth
Fasel..... 34 teeth	Fillet..... 72 teeth	Flirt..... 150 teeth
Fatal..... 36 teeth	Filly..... 74 teeth	Float..... 160 teeth
Fauld..... 38 teeth	Filum..... 76 teeth	Flock..... 170 teeth
Favel..... 40 teeth	Final..... 78 teeth	Flown..... 180 teeth
		Fluff..... 30 to 36
		Fluid..... 32 to 38
		Flush..... 34 to 40
		Flute..... 36 to 42
		Flyer..... 38 to 44
		Focal..... 40 to 46
		Focus..... 42 to 48
		Foggy..... 44 to 50
		Foist..... 46 to 52
		Fonde..... 48 to 54
		Foray..... 50 to 56
		Forté..... 52 to 58
		Forum..... 54 to 60
		Fount..... 56 to 62
		Foyne..... 58 to 64
		Frack..... 60 to 66

### POINT TO POINT

Frill..... 3/4 inch	Fugie..... 1 1/4 inches	Funny..... 1 3/4 inches
Frisk..... 5/8 inch	Furry..... 1 5/8 inches	Funge..... 2 inches
Frith..... 3/4 inch	Funic..... 1 1/2 inches	Furil..... 2 1/4 inches
Fudge..... 1 inch		Futsy..... 2 1/2 inches
		Fyord..... 2 3/4 inches
		Fylde..... 3 inches

### DIAMETER OF HOLES

Gabby.....Standard mandrel and pin holes.

### MANDREL HOLES

Gadbi..... 1/4 inch	Gemot..... 1 1/8 inches	Glint..... 2 in. full
Gaily..... 3/8 inch	Genet..... 1 3/8 inches	Globy..... 2 in. scant
Galea..... 1/2 inch	Genie..... 1 1/2 inches	Glare..... 2 1/8 inches
Gamba..... 5/8 inch	Genus..... 1 5/8 inches	Glory..... 2 3/8 inches
Garum..... 3/4 inch	Geode..... 1 7/8 inches	Glove..... 2 1/2 inches
Gaudy..... 7/8 inch	Gerne..... 1 7/8 inches	Glump..... 2 3/4 inches
Gavel..... 1 inch	Ghost..... 1 3/4 inches	Gnasp..... 2 7/8 inches
Gawky..... 1 1/4 inch	Gilet..... 1 5/8 inches	Gnome..... 2 3/4 inches
Geist..... 1 1/2 inches	Glacé..... 1 3/4 inches	Graff..... 2 7/8 inches
Gelid..... 1 5/8 inches	Glad..... 1 5/8 inches	Grail..... 2 3/4 inches
Gemel..... 1 3/4 inches	Gland..... 1 1/2 inches	Grape..... 2 7/8 inches
Gemma..... 1 1/4 inches	Glick..... 2 in. even	Greet..... 2 3/4 inches
		Gride..... 2 1/2 inches
		Grief..... 2 3/4 inches
		Grill..... 2 1/2 inches
		Grive..... 2 3/8 inches
		Grope..... 2 1/2 inches
		Groom..... 3 inches
		Grown..... 3 1/2 inches
		Guara..... 4 inches
		Guille..... 4 1/2 inches
		Guile..... 5 inches
		Guird..... 5 1/2 inches
		Gumps..... 6 inches

### PIN HOLES

Habit..... 1/8 inch	Hanse..... 5/8 inch	Haust..... 1 1/2 inch
Haler..... 7/8 inch	Hatch..... 3/8 inch	Haven..... 3/8 inch
Hamal..... 1/4 inch	Haulm..... 1/4 inch	Hawse..... 3/4 inch

Haten...Distance from center to center, inches.

### CHISEL BIT HOLDERS AND TEETH

Hedge.....Pattern	Hewer.....Pattern	Hobby.....Pattern
Heigh.....No. A	Hinch.....No. D	Hodge.....Roscer
Hemic.....No. B	Hoard.....No. 30	Hodge.....No. 5
		Hoker.....No. 4
		Holly.....Pattern
		Honey.....No. 3
		Hooch.....Short Holder

### WIDTH OF POINT OF CHISEL BIT TEETH

Icche..... 7/8 inch	Ileum..... 1 1/2 inch	Index..... 2 3/8 inch
Ichor..... 1 1/2 inch	Imago..... 1 1/2 inch	Indin..... 1 1/2 inch
Ictus..... 3/4 inch	Imide..... 1 1/2 inch	Indue..... 1 1/2 inch
Ideal..... 1 1/4 inch	Impar..... 1 1/2 inch	Inert..... 1 1/2 inch
Idiot..... 1 3/4 inch	Inane..... 1 1/2 inch	Infer..... 1 1/2 inch
Idler..... 1 1/2 inch	Incle..... 1 1/2 inch	Inhex..... 1 1/2 inch
Igloo..... 3/4 inch		
		Iniad..... 1 1/4 inch
		Inkle..... 1 1/2 inch
		Inlet..... 1 1/2 inch
		Inmid..... 1 1/2 inch
		Inovo..... 1 1/2 inch
		Irian..... 1 1/2 inch

# ATKINS SILVER STEEL SAWS

## THE ATKINS TELEGRAPHIC CODE—Continued

### SHINGLE MACHINES

Jacal.....Challoner's Hand Feed Machine	Jewel.....Lane's Machine
Jacky.....Challoner's Double Block Machine	Jilly.....Novelty No. 3 Machine
Jager.....Challoner's Ten Block Machine	Jippo.....Novelty No. 4 Machine
Jalee.....Perkins Grand Mogul	Joker.....Buckeye Hall's Patent
Jamba.....Perkins Columbia	Joule.....Dunbar
Jaunt.....Perkins Michigan Favorite	Jubha.....Mitchell Clipper
Javel.....Perkins Perfection	Judge.....Letson & Burpee
Jawed.....Trevor Machine	Jugal.....Saw Only, No Flange
Jazel.....Chase Machine	Jugum.....Saw and New Flange Complete
Jelly.....Greenwood Machine	Juice.....Saw to be Fitted to Old Flange
Jerky.....Flynn Machine	Julep.....Templet by Mail

### DIAMETER OF FLANGES

Kalan.....16 inches	Kapok.....21½ inches	Keech.....25 inches	Ketch.....27 inches
Kalpa.....18 inches	Karat.....22 inches	Kelis.....26 inches	Ketol.....28 inches
Kambu.....20 inches	Kedge.....24 inches		

### FEED

Keyel.....1 inch	Kilts.....3 inches	Kithe.....5 inches	Kloof.....9 inches
Keyed.....1½ inch	Kinch.....3½ inches	Kitty.....6 inches	Knack.....10 inches
Kiack.....2 inches	Kirle.....4 inches	Kiver.....7 inches	Knave.....11 inches
Kieve.....2½ inches	Kitar.....4½ inches	Klang.....8 inches	Knell.....12 inches

### KIND OF DRESS

Knick.....Spring Set	Knoll.....Spread or Swage Set
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### KIND OF TIMBER

Knout.....Hardwood	Knurl.....Yellow Pine	Kreel.....Fir
Knowl.....Softwood	Kokil.....Hickory	Krore.....Redwood
Knuff.....Norway Pine	Kotow.....Hemlock	Kukri.....All Kinds of Timber

### LENGTHS FEET

Lakin.....1 foot	Lemma.....19 feet	Linch.....45 feet	Logan.....71 feet	Lulla.....97 feet
Lamba.....2 feet	Lends.....20 feet	Linen.....46 feet	Logic.....72 feet	Lummy.....98 feet
Lanky.....3 feet	Lente.....21 feet	Lingo.....47 feet	Lokao.....73 feet	Lumps.....99 feet
Lapis.....3½ feet	Lepal.....22 feet	Lippy.....48 feet	Lolly.....74 feet	Lunar.....100 feet
Larch.....4 feet	Lepra.....23 feet	Lisps.....49 feet	Looby.....75 feet	Lunch.....105 feet
Lardy.....4½ feet	Lerry.....24 feet	Lisse.....50 feet	Loeer.....76 feet	Lunda.....110 feet
Larix.....5 feet	Leste.....25 feet	Litel.....51 feet	Loony.....77 feet	Lunet.....115 feet
Laser.....5½ feet	Letch.....26 feet	Lithe.....52 feet	Lourd.....78 feet	Lunge.....120 feet
Lasso.....6 feet	Leton.....27 feet	Litui.....53 feet	Loppy.....79 feet	Lupin.....125 feet
Lates.....6½ feet	Leuch.....28 feet	Lived.....54 feet	Loral.....80 feet	Luppa.....130 feet
Lause.....7 feet	Leute.....29 feet	Livar.....55 feet	Lorer.....81 feet	Lupus.....135 feet
Lavic.....7½ feet	Leafy.....30 feet	Livid.....56 feet	Loris.....82 feet	Lures.....140 feet
Lawny.....8 feet	Levee.....31 feet	Loach.....57 feet	Lorry.....83 feet	Lurks.....145 feet
Lazar.....8½ feet	Levin.....32 feet	Loans.....58 feet	Lorum.....84 feet	Lusty.....150 feet
Leach.....9 feet	Lewan.....33 feet	Loath.....59 feet	Loser.....85 feet	Lutes.....200 feet
Leaky.....9½ feet	Lewth.....34 feet	Lobar.....60 feet	Lotah.....86 feet	Lyart.....300 feet
Learno.....10 feet	Libel.....35 feet	Lobby.....61 feet	Loter.....87 feet	Lycce.....400 feet
Lease.....10½ feet	Lichi.....36 feet	Lobed.....62 feet	Lothe.....88 feet	Lycin.....500 feet
Lefdy.....11 feet	Licit.....37 feet	Lobus.....63 feet	Loupe.....89 feet	Lyden.....600 feet
Ledler.....12 feet	Lifen.....38 feet	Local.....64 feet	Loves.....90 feet	Lymph.....700 feet
Ledge.....13 feet	Ligan.....39 feet	Locks.....65 feet	Lowan.....91 feet	Lynch.....800 feet
Leful.....14 feet	Likes.....40 feet	Locus.....66 feet	Lowly.....92 feet	Lynde.....900 feet
Legal.....15 feet	Liman.....41 feet	Lodge.....67 feet	Lozel.....93 feet	Lyric.....1000 feet
Leger.....16 feet	Limbo.....42 feet	Loess.....68 feet	Lucid.....94 feet	
Leggy.....17 feet	Limes.....43 feet	Loffe.....69 feet	Lucky.....95 feet	
Leman.....18 feet	Limps.....44 feet	Lofty.....70 feet	Lucre.....96 feet	

### LENGTHS INCHES

Lallo.....1 inch	Lavod.....7 inches	Lapel.....13 inches	Liper.....19 inches
Lalba.....2 inches	Laber.....8 inches	Larby.....14 inches	Lipal.....20 inches
Laply.....3 inches	Lamty.....9 inches	Lebny.....15 inches	Listy.....21 inches
Lapbo.....4 inches	Lamus.....10 inches	Lebla.....16 inches	Limba.....22 inches
Lapne.....5 inches	Laped.....11 inches	Lebes.....17 inches	Limky.....23 inches
Lappy.....6 inches	Lapba.....12 inches	Libna.....18 inches	Limpo.....24 inches

### FRACTIONS

Maaba.....¼ inch	Macfy.....⅙ inch	Maddy.....⅙ inch	Madst.....⅙ inch
Mabby.....⅙ inch	Macle.....⅙ inch	Madam.....⅙ inch	Madly.....⅙ inch
Macaw.....⅙ inch	Macty.....⅙ inch	Madbo.....⅙ inch	Madpa.....⅙ inch
Maecer.....¼ inch	Macho.....½ inch	Madge.....⅙ inch	

# ATKINS SILVER STEEL SAWS

## THE ATKINS TELEGRAPHIC CODE—Continued

### WIDTH

Mahoe . . . . . 1	Marum . . . . . 5	Medal . . . . . 14	Mirth . . . . . 30	Moton . . . . . 46
Maize . . . . . 1½	Marry . . . . . 5½	Media . . . . . 15	Mitty . . . . . 31	Motto . . . . . 47
Major . . . . . 1½	Masha . . . . . 5½	Melee . . . . . 16	Mizer . . . . . 32	Mound . . . . . 48
Makwa . . . . . 1½	Masson . . . . . 5½	Melon . . . . . 17	Molar . . . . . 33	Mourn . . . . . 49
Malty . . . . . 2	Massy . . . . . 6	Merge . . . . . 18	Molly . . . . . 34	Mouse . . . . . 50
Malwa . . . . . 2½	Matai . . . . . 6½	Merit . . . . . 19	Monad . . . . . 35	Mover . . . . . 51
Mammy . . . . . 2½	Mates . . . . . 7	Mesad . . . . . 20	Monte . . . . . 36	Mucin . . . . . 52
Manas . . . . . 2½	Matsu . . . . . 7½	Mesby . . . . . 21	Moody . . . . . 37	Mucus . . . . . 53
Maneh . . . . . 3	Matte . . . . . 8	Metif . . . . . 22	Moose . . . . . 38	Mugry . . . . . 54
Mango . . . . . 3½	Maund . . . . . 8½	Metra . . . . . 23	Mopus . . . . . 39	Mulse . . . . . 55
Mania . . . . . 3½	Mauve . . . . . 9	Midst . . . . . 24	Moral . . . . . 40	Mumps . . . . . 56
Manse . . . . . 4	Mawky . . . . . 9½	Milky . . . . . 25	Moria . . . . . 41	Mural . . . . . 57
Manor . . . . . 4	Maxim . . . . . 10	Mimic . . . . . 26	Morse . . . . . 42	Murex . . . . . 58
Manta . . . . . 4½	Mazer . . . . . 11	Mince . . . . . 27	Mossa . . . . . 43	Musad . . . . . 59
Marge . . . . . 4½	Meach . . . . . 12	Minor . . . . . 28	Mossy . . . . . 44	Music . . . . . 60
Marsh . . . . . 4½	Mealy . . . . . 13	Minus . . . . . 29	Mothy . . . . . 45	

### NUMBER

Nabit . . . . . 0	Namaz . . . . . 8	Nasal . . . . . 16	Needy . . . . . 24	Noisy . . . . . 32
Nabob . . . . . 1	Namer . . . . . 9	Nasus . . . . . 17	Neigh . . . . . 25	Nomic . . . . . 33
Nacre . . . . . 2	Nanga . . . . . 10	Nates . . . . . 18	Nerve . . . . . 26	Noose . . . . . 34
Nader . . . . . 3	Nanmu . . . . . 11	Nauch . . . . . 19	Newly . . . . . 27	Nopal . . . . . 35
Naggy . . . . . 4	Nanpu . . . . . 12	Naval . . . . . 20	Nexal . . . . . 28	
Naive . . . . . 5	Nappy . . . . . 13	Nazir . . . . . 21	Niata . . . . . 29	
Naked . . . . . 6	Nares . . . . . 14	Nebby . . . . . 22	Nihil . . . . . 30	
Nakir . . . . . 7	Narre . . . . . 15	Nebel . . . . . 23	Nippy . . . . . 31	

### QUANTITY

Paard . . . . . 1	Party . . . . . 30	Peggy . . . . . 175	Physy . . . . . 1,800	Plebs . . . . . 16 dozen
Pacer . . . . . 2	Pasan . . . . . 31	Peine . . . . . 200	Piaga . . . . . 1,900	Pleon . . . . . 11 dozen
Pacha . . . . . 3	Pasch . . . . . 32	Pekoe . . . . . 225	Piano . . . . . 2,000	Pluck . . . . . 12 dozen
Padat . . . . . 4	Pasha . . . . . 33	Pelts . . . . . 250	Picot . . . . . 2,500	Plume . . . . . 14 dozen
Paddy . . . . . 5	Paspy . . . . . 34	Pelma . . . . . 275	Picra . . . . . 3,000	Plyer . . . . . 16 dozen
Pagan . . . . . 6	Passe . . . . . 35	Penal . . . . . 300	Piend . . . . . 3,500	Poach . . . . . 18 dozen
Pages . . . . . 7	Pasty . . . . . 36	Pence . . . . . 325	Pilar . . . . . 4,000	Poddy . . . . . 20 dozen
Pagle . . . . . 8	Patas . . . . . 37	Penna . . . . . 350	Piles . . . . . 4,500	Poise . . . . . 25 dozen
Paint . . . . . 9	Paten . . . . . 38	Peony . . . . . 375	Pilot . . . . . 5,000	Poker . . . . . 30 dozen
Palas . . . . . 10	Patio . . . . . 39	Perch . . . . . 400	Pilum . . . . . 5,500	Polar . . . . . 35 dozen
Palet . . . . . 11	Patly . . . . . 40	Perdu . . . . . 450	Pimel . . . . . 6,000	Polly . . . . . 40 dozen
Palla . . . . . 12	Patno . . . . . 41	Perge . . . . . 500	Pinax . . . . . 6,500	Pombe . . . . . 45 dozen
Palma . . . . . 13	Pause . . . . . 42	Peril . . . . . 550	Pinch . . . . . 7,000	Pongo . . . . . 50 dozen
Palpi . . . . . 14	Pavas . . . . . 43	Pesky . . . . . 600	Piney . . . . . 7,500	Popit . . . . . 60 dozen
Palsy . . . . . 15	Pavon . . . . . 44	Petal . . . . . 650	Pinna . . . . . 8,000	Poppy . . . . . 70 dozen
Pamey . . . . . 16	Pawed . . . . . 45	Peter . . . . . 700	Pinna . . . . . 8,500	Porro . . . . . 75 dozen
Pandy . . . . . 17	Payer . . . . . 46	Peths . . . . . 750	Pinto . . . . . 9,000	Posca . . . . . 80 dozen
Paned . . . . . 18	Peach . . . . . 47	Petit . . . . . 800	Pipal . . . . . 9,500	Posse . . . . . 90 dozen
Pangs . . . . . 19	Pearl . . . . . 48	Petty . . . . . 850	Pipet . . . . . 10,000	Pouch . . . . . 100 dozen
Panic . . . . . 20	Pease . . . . . 49	Pewit . . . . . 900	Pique . . . . . 1 dozen	Prank . . . . . 150 dozen
Pants . . . . . 21	Peaty . . . . . 50	Pheer . . . . . 950	Pirol . . . . . 2 dozen	Prays . . . . . 200 dozen
Paper . . . . . 22	Pecan . . . . . 60	Pheer . . . . . 1,000	Pirry . . . . . 3 dozen	Press . . . . . 250 dozen
Pappy . . . . . 23	Pecul . . . . . 70	Pheno . . . . . 1,100	Pisky . . . . . 4 dozen	Pride . . . . . 300 dozen
Parch . . . . . 24	Pedal . . . . . 75	Phial . . . . . 1,200	Plaga . . . . . 5 dozen	Prime . . . . . 350 dozen
Parel . . . . . 25	Pedes . . . . . 80	Phoca . . . . . 1,300	Plaid . . . . . 6 dozen	Prink . . . . . 400 dozen
Parka . . . . . 26	Pedro . . . . . 90	Phone . . . . . 1,400	Plash . . . . . 7 dozen	Prior . . . . . 450 dozen
Parle . . . . . 27	Pedum . . . . . 100	Photo . . . . . 1,500	Plazi . . . . . 8 dozen	Probe . . . . . 500 dozen
Parry . . . . . 28	Peups . . . . . 125	Phren . . . . . 1,600	Plead . . . . . 9 dozen	Proem . . . . . 750 dozen
Parst . . . . . 29	Peery . . . . . 150	Phyla . . . . . 1,700		

### CROSS CUT SAW HANDLES

Saber . . . . . No. 1 pattern	Salse . . . . . No. 12 pattern	Satin . . . . . No. 21 pattern
Sable . . . . . No. 2 pattern	Salty . . . . . No. 13 pattern	Sauce . . . . . No. 22 pattern
Sabot . . . . . No. 3 pattern	Sambo . . . . . No. 13x pattern	Savay . . . . . No. 23 pattern
Sacar . . . . . No. 4 pattern	Sanat . . . . . No. 14 pattern	Savor . . . . . No. 24 pattern
Sadly . . . . . No. 5 pattern	Sandy . . . . . No. 15 pattern	Saxon . . . . . No. 25 pattern
Saffo . . . . . No. 6 pattern	Sangu . . . . . No. 16 pattern	Sebol . . . . . No. 26 pattern
Saiga . . . . . No. 7 pattern	Sapor . . . . . No. 17 pattern	Sogon . . . . . No. 28 pattern
Sairy . . . . . No. 8 pattern	Sargo . . . . . No. 18 pattern	Sokol . . . . . No. 29 pattern
Salad . . . . . No. 9 pattern	Sarre . . . . . No. 19 pattern	Sogud . . . . . No. 108 pattern
Salin . . . . . No. 10 pattern	Sasin . . . . . No. 20 pattern	Sofin . . . . . No. 111 pattern
Salop . . . . . No. 11 pattern		

# ATKINS SILVER STEEL SAWS

## THE ATKINS TELEGRAPHIC CODE—Continued

### CROSS CUT SAWS

Prosy.....	Pacific Coast pattern cut to ends	Psalm.....	Special Steel
Prune.....	Silver Steel	Puffy.....	Segment Ground

### STYLES OF TEETH

Rabgo... No. 1 Rex	Rater... No. 78 Moss Back	Reefy... No. 317 Matchless
Rabny... No. 2 Rex	Ratob... No. 278 Moss Back	Reesk... No. 709 Matchless
Radad... No. 3 Peerless	Razor... No. 72 Moss Back	Rectu... No. 316 Improved Universal
Rapod... No. 4 Perfection	Razsy... No. 272 Moss Back	Reevy... No. 710 Improved Universal
Rache... No. 5 Perfection	Ravel... No. 73 Moss Back	Reina... No. 333 American
Rabat... No. 21 Diamond	Ravob... No. 273 Moss Back	Relax... No. 334 American
Rabol... No. 22 Diamond	Razno... No. 76 Moss Back	Relet... No. 337 Common
Rabbi... No. 18 Dexter	Razpa... No. 276 Moss Back	Relic... No. 338 Common
Rabif... No. 19 Dexter	React... No. 225 Victor	Renne... No. 336 Feather Edge
Rably... No. 20 Dexter	Reaks... No. 227 Lance	Repel... No. 335 Hickory
Radix... No. 6 Hemlock King	Realm... No. 221 Diamond	Ripen... No. 11 Rex Falling
Rainy... No. 218 Dexter	Rebel... No. 222 Diamond	Risel... No. 12 Perfection Falling
Rally... No. 219 Dexter	Rebus... No. 223 Lone Star	Rinty... No. 518
Rampe... No. 220 Dexter	Redan... No. 330 Tuttle	Rinst... No. 540
Raspe... No. 77 Moss Back	Redif... No. 331 Tuttle	
Rarry... No. 277 Moss Back	Redly... No. 332 Tuttle	

### HOLLOW BACK SAWS

Regal... No. 383 Hollow Back Improved Universal	Relpo... No. 384 Hollow Back Diamond
Rekly... No. 382 Hollow Back Matchless	Risky... No. 385 Hollow Back American
Regop... No. 379 Hollow Back Tuttle	Risus... No. 386 Hollow Back Victor
Regby... No. 380 Hollow Back Tuttle	Rispy... No. 387 Hollow Back Victor
Relly... No. 381 Hollow Back Tuttle	Rizza... No. 388 Hollow Back Victor

### ONE-MAN SAWS

Rithe... No. 389 One-Man Cedar King	Rocta... No. 391 One-Man Diamond
Roach... No. 390 One-Man Tuttle	Rocky... No. 392 One-Man Victor
Roams... No. 393 One-Man American	Rocob... No. 394 One-Man Victor
Roddy... No. 395 One-Man American	Roddy... One-Man Saws, Silver Steel

### PACIFIC COAST PATTERNS

Roody... No. 51 Tye	Rabby... No. 68 Eureka	Rubly... No. 704 Lance
Rowdy... No. 52 Howatson	Racno... No. 69 Eureka Falling	Rubin... No. 362 Diamond
Rumly... No. 251 Tye	Rowel... No. 55 Perfection	Rudbo... No. 706 Diamond
Rupgo... No. 252 Howatson	Roost... No. 259 Dexter	Ruble... No. 263 Tuttle
Rough... No. 64 Redwood King	Rotta... No. 605 Dexter	Rubna... No. 708 Tuttle
Rovty... No. 65 Redwood King	Rowme... No. 360 Victor	Rugby... No. 707 Tuttle
Rovza... No. 66 Redwood King	Rowby... No. 703 Victor	
Roule... No. 67 Redwood Falling	Ruach... No. 361 Lance	

### AUSTRALASIAN PATTERNS

Rudey... No. 7 Auckland	Rutga... No. 48 Auckland	Rumal... No. 241 Tasmanian
Ruffy... No. 46 Auckland	Ruing... No. 10 Auckland	Rumpy... No. 41 Tasmanian
Rudgy... No. 8 Auckland	Runas... No. 49 Auckland	Rupco... No. 242 Jarrah
Rugso... No. 47 Auckland	Ruche... No. 15 Auckland	Rusly... No. 42 Jarrah
Rusty... No. 9 Auckland	Rucca... No. 50 Auckland	Rummy... Russian

### HAND SAWS

Seely... No. 51	Serin... No. 58	Shaky... No. 65	Shiel... No. 72	Shute... No. 93
Segue... No. 52	Serry... No. 59	Shama... No. 66	Shift... No. 73	Shure... No. 94
Seity... No. 53	Sessa... No. 60	Shand... No. 67	Shine... No. 74	Shupy... No. 96
Sendo... No. 54	Setee... No. 61	Shark... No. 68	Shirl... No. 76	Shust... No. 99
Sense... No. 55	Sewer... No. 62	Shawl... No. 69	Shoal... No. 83	Shoot... No. 400
Sepia... No. 56	Shade... No. 63	Shear... No. 70	Shock... No. 84	Showy... No. 401
Serge... No. 57	Shail... No. 64	Sheek... No. 71	Shole... No. 86	
Shrew... 32 inch Rip Saw	Silky... 28 inch Hand Saw	Siren... 20 inch Panel Saw		
Shrub... 30 inch Rip Saw	Sinew... 30 inch Hand Saw	Sirup... 18 inch Panel Saw		
Shurf... 28 inch Rip Saw	Singe... 24 inch Panel Saw	Sissy... 16 inch Panel Saw		
Silor... 26 inch Rip Saw	Sipid... 22 inch Panel Saw	Skein... 14 inch Panel Saw		
Siege... 26 inch Hand Saw	Sipol... Silver Steel	Skope... Hand, Rip and Panel		

### POINTS TO THE INCH

Skink... 1 point to inch	Slime... 7 points to inch ( 6 teeth to the inch)
Skirt... 2 points to inch ( 1 tooth to the inch)	Slirt... 8 points to inch ( 7 teeth to the inch)
Slack... 3 points to inch ( 2 teeth to the inch)	Slued... 9 points to inch ( 8 teeth to the inch)
Slave... 4 points to inch ( 3 teeth to the inch)	Slump... 10 points to inch ( 9 teeth to the inch)
Steds... 5 points to inch ( 4 teeth to the inch)	Slush... 11 points to inch ( 10 teeth to the inch)
Strep... 6 points to inch ( 5 teeth to the inch)	Slyly... 12 points to inch ( 11 teeth to the inch)

# ATKINS SILVER STEEL SAWS

## THE ATKINS TELEGRAPHIC CODE—Continued

### CROSS CUT AND HAND SAW TOOLS

Sayon... Excelsior No. 1  
 Scala... Excelsior No. 2  
 Skido... Excelsior No. 5  
 Scalp... Perfection  
 Scamp... Rex  
 Scant... Dexter  
 Scars... Single Raker Gauges

Scaup... Double Raker Gauges  
 Scene... Improved Criterion Saw Set  
 Scion... Criterion Band Saw Set  
 Scoof... Hammer for Setting Saws  
 Sculp... Raker Swage  
 Scurl... Perfect Saw Set  
 Seary... Perfect Saw Set and Vise

Sebum... Atkins Saw Filer  
 Seby... No. 4 Saw Set  
 Sebgo... No. 5 Saw Set  
 Senty... No. 1 AAA Clamp  
 Senso... No. 2 AAA Clamp

### ATKINS SPECIALTIES

Vabar... No. 7 Kwik-Kut  
 Vabes... No. 7 Kwik-Kut Motor Drive  
 Vabby... No. 14 Kwik-Kut  
 Vabut... No. 12 Kwik-Kut  
 Vabal... No. 00 Ideal Swage  
 Vebor... No. 0 Ideal Swage  
 Vecac... No. 1 Ideal Swage  
 Veces... No. 2 Ideal Swage

Vecby... No. 3 Ideal Swage  
 Vedgo... No. 4 Ideal Swage  
 Vedka... No. 5 Ideal Swage  
 Venet... No. 6 Ideal Swage  
 Veppy... No. 7 Ideal Swage  
 Vibba... No. 8 Ideal Swage  
 Vicco... No. 9 Ideal Swage  
 Vidab... No. 1 Pribnow Shaper

Viddy... No. 2 Pribnow Shaper  
 Vigga... No. 17 Pribnow Shaper  
 Vikob... No. 28 Pribnow Shaper  
 Vobby... Hamlet Dimension Gauge  
 Vocar... O. K. Saw Guard  
 Vodan... AAA Car Mover  
 Vodor... Rogers Belt Punch  
 Vogab... Goodyear Load Binder

### CENTS

Watly	\$.01	Warot	\$.26	Wesit	\$.51	Wondo	\$.76
Wadlo	.02	Waspy	.27	Wesdo	.52	Wonso	.77
Waber	.03	Wasgo	.28	Wesky	.53	Wonty	.78
Wably	.04	Waxor	.29	Whade	.54	Wopab	.79
Wadam	.05	Waxol	.30	Whady	.55	Wopel	.80
Wadoo	.06	Waxin	.31	Whole	.56	Woply	.81
Wadby	.07	Webel	.32	Widmy	.57	Wopia	.82
Wadky	.08	Webon	.33	Widar	.58	Wrant	.83
Wafbu	.09	Webly	.34	Widuk	.59	Wrink	.84
Wafby	.10	Webia	.35	Widan	.60	Wroby	.85
Wagba	.11	Weber	.36	Wilus	.61	Wunat	.86
Wagno	.12	Wecma	.37	Wilde	.62	Wunor	.87
Wagbu	.13	Wedin	.38	Wilze	.63	Wungo	.88
Wagso	.14	Wedal	.39	Wilit	.64	Wurra	.89
Wafu	.15	Wedme	.40	Winty	.65	Wurte	.90
Walbo	.16	Wedly	.41	Winal	.66	Wutly	.91
Walit	.17	Welky	.42	Winke	.67	Wutbo	.92
Walus	.18	Welet	.43	Witty	.68	Wutse	.93
Wamky	.19	Welan	.44	Witon	.69	Wutky	.94
Wamut	.20	Welba	.45	Witgy	.70	Wutne	.95
Wamma	.21	Wenso	.46	Wobey	.71	Wuyer	.96
Wamly	.22	Wenic	.47	Wobal	.72	Wuymo	.97
Waney	.23	Wenny	.48	Wobby	.73	Wuyly	.98
Wapga	.24	Werry	.49	Wobjo	.74	Wuyin	.99
Waper	.25	Werdy	.50	Wobic	.75		

### DOLLARS

Tabby	\$1.00	Taunt	\$26.00	Thole	\$51.00	Trabs	\$76.00
Tabes	2.00	Tawny	27.00	Thyme	52.00	Track	77.00
Taboo	3.00	Taxis	28.00	Tibia	53.00	Trak	78.00
Tabut	4.00	Tazel	29.00	Tidal	54.00	Tramp	79.00
Tache	5.00	Teach	30.00	Tiddy	55.00	Trash	80.00
Tacit	6.00	Teals	31.00	Tiler	56.00	Trays	81.00
Tacky	7.00	Tense	32.00	Timca	57.00	Tread	82.00
Tafy	8.00	Tecum	33.00	Tinea	58.00	Treen	83.00
Tagma	9.00	Teens	34.00	Tinge	59.00	Tribe	84.00
Taunt	10.00	Telar	35.00	Tinty	60.00	Trick	85.00
Talen	11.00	Telic	36.00	Title	61.00	Trims	86.00
Talky	12.00	Temse	37.00	Toast	62.00	Trist	87.00
Talou	13.00	Tench	38.00	Token	63.00	Troll	88.00
Talus	14.00	Tendo	39.00	Tonal	64.00	Trout	89.00
Tambo	15.00	Tenet	40.00	Tonga	65.00	Truss	90.00
Tamer	16.00	Tenia	41.00	Tonic	66.00	Truth	91.00
Tamus	17.00	Tenor	42.00	Topia	67.00	Tufty	92.00
Tangy	18.00	Tense	43.00	Torso	68.00	Tumid	93.00
Tanha	19.00	Terrn	44.00	Torus	69.00	Turba	94.00
Taps	20.00	Terma	45.00	Toter	70.00	Turfy	95.00
Tardy	21.00	Terza	46.00	Totty	71.00	Turps	96.00
Taree	22.00	Testa	47.00	Touch	72.00	Tutor	97.00
Tarse	23.00	Teyne	48.00	Towar	73.00	Twang	98.00
Taste	24.00	Theak	49.00	Towse	74.00	Twill	99.00
Tauga	25.00	Thein	50.00	Toyon	75.00	Twine	100.00

# ATKINS SILVER STEEL SAWS

## NUMERICAL CODE

### EXPLANATION

There are 1,000 words listed herewith. Each word is numbered consecutively from 1 to 1,000 and each word begins with the letter "M." So that if you have occasion to use any number less than 1,000, you have merely to use the code word opposite that number.

If you wish to use a number above 1,000, use the same word except change the initial letter as follows:

- For numbers from 1001 to 2000 inclusive use the initial N instead of M.
- For numbers from 2001 to 3000 inclusive use the initial P instead of M.
- For numbers from 3001 to 4000 inclusive use the initial R instead of M.
- For numbers from 4001 to 5000 inclusive use the initial S instead of M.
- For numbers from 5001 to 6000 inclusive use the initial T instead of M.
- For numbers from 6001 to 7000 inclusive use the initial V instead of M.
- For numbers from 7001 to 8000 inclusive use the initial W instead of M.
- For numbers from 8001 to 9000 inclusive use the initial Y instead of M.
- For numbers from 9001 to 10000 inclusive use the initial Z instead of M.

This, you see, enables you to use any number between 1 and 10,000, which is as high a figure as you will likely have occasion to use.

### FOR EXAMPLE

- For No. 1001 the word would be Nabab.
- For No. 2100 the word would be Pabuy.
- For No. 3168 the word would be Radki.
- For No. 4444 the word would be Sahft.

- For No. 5561 the word would be Tajip.
- For No. 6650 the word would be Vakgy.
- For No. 7795 the word would be Wamug.
- For No. 8905 the word would be Yaqag.

For No. 9999 the word would be Zaquq.

1 Mabab	58 Mabik	115 Madas	172 Madma	229 Maidd	286 Mafox	343 Magir
2 Mabac	59 Mabim	116 Madat	173 Madmn	230 Maido	287 Maipa	344 Magit
3 Mabad	60 Mabin	117 Madau	174 Madmu	231 Maids	288 Maifra	345 Magfu
4 Mabaf	61 Mabip	118 Madav	175 Madng	232 Maied	289 Maifrm	346 Magfy
5 Mabag	62 Mabiq	119 Madaw	176 Madns	233 Maiej	290 Maifrn	347 Maggm
6 Mabah	63 Mabis	120 Madax	177 Madnu	234 Maiek	291 Mafru	348 Maggn
7 Mabaj	64 Mabit	121 Maday	178 Madnx	235 Maief	292 Maifa	349 Maggu
8 Mabak	65 Mabiw	122 Madaz	179 Madog	236 Maiefq	293 Maifuc	350 Maggy
9 Mabal	66 Mabiw	123 Madca	180 Madom	237 Maifer	294 Maifud	351 Magia
10 Mabam	67 Mabix	124 Madce	181 Madon	238 Maief	295 Maifug	352 Magib
11 Mabap	68 Mabkf	125 Madck	182 Madop	239 Maifew	296 Maifun	353 Magid
12 Mabap	69 Mabko	126 Madcm	183 Mador	240 Maifex	297 Maifur	354 Magif
13 Mabaq	70 Mabku	127 Madcs	184 Mados	241 Maiffa	298 Maifus	355 Magig
14 Mabar	71 Mabky	128 Madcu	185 Madou	242 Maiffn	299 Maifux	356 Magih
15 Mabas	72 Mabma	129 Maddi	186 Madox	243 Maiffr	300 Maifu	357 Magij
16 Mabab	73 Mabmo	130 Maddo	187 Madpa	244 Maifft	301 Magab	358 Magik
17 Mabav	74 Mabmu	131 Madds	188 Madra	245 Maifu	302 Magac	359 Magim
18 Mabav	75 Mabng	132 Maded	189 Madrm	246 Maiffy	303 Magad	360 Magin
19 Mabaw	76 Mabns	133 Madej	190 Madrn	247 Maifgm	304 Magaf	361 Magip
20 Mabax	77 Mabnu	134 Madek	191 Madru	248 Maifgn	305 Magag	362 Magiq
21 Mabaz	78 Mabnx	135 Maden	192 Madsa	249 Maifu	306 Magah	363 Magis
22 Mabaz	79 Mabog	136 Madeg	193 Maduc	250 Maifu	307 Magaj	364 Magit
23 Mabca	80 Mabom	137 Maier	194 Madud	251 Maifa	308 Magak	365 Magju
24 Mabce	81 Mabon	138 Mades	195 Madug	252 Maifb	309 Magal	366 Magiw
25 Mabck	82 Mabop	139 Madew	196 Madun	253 Maifd	310 Magam	367 Magix
26 Mabcm	83 Mabor	140 Madex	197 Madur	254 Maifi	311 Magan	368 Magkf
27 Mabcs	84 Mabos	141 Madfa	198 Madus	255 Maifg	312 Magop	369 Magko
28 Mabcu	85 Mabou	142 Madfn	199 Madux	256 Maifh	313 Magaq	370 Magku
29 Mabdi	86 Mabox	143 Madfr	200 Maduy	257 Maifj	314 Magar	371 Magky
30 Mabdo	87 Mabpa	144 Madit	201 Maifab	258 Maifk	315 Magas	372 Magma
31 Mabds	88 Mabra	145 Madfu	202 Maifac	259 Maifm	316 Magat	373 Magmn
32 Mabed	89 Mabrm	146 Madfy	203 Maifad	260 Maifn	317 Magau	374 Magem
33 Mabej	90 Mabrn	147 Madgm	204 Maifaf	261 Maifp	318 Magav	375 Magne
34 Mabeq	91 Mabru	148 Madgn	205 Maifag	262 Maifq	319 Magaw	376 Magns
35 Mabem	92 Mabsa	149 Madgu	206 Maifah	263 Maifs	320 Magax	377 Magnu
36 Mabeq	93 Mabuc	150 Madgy	207 Maifaj	264 Maift	321 Magay	378 Magnx
37 Maber	94 Mabud	151 Madia	208 Maifak	265 Maibu	322 Magaz	379 Magog
38 Mabes	95 Mabug	152 Madib	209 Maifal	266 Maifu	323 Magca	380 Magom
39 Mabew	96 Mabun	153 Madid	210 Maifam	267 Maifx	324 Magee	381 Magon
40 Mabex	97 Mabur	154 Madif	211 Maifan	268 Maifk	325 Magck	382 Magop
41 Mabfa	98 Mabus	155 Madig	212 Maifap	269 Maiko	326 Magcm	383 Magor
42 Mabfn	99 Mabux	156 Madih	213 Maifaq	270 Maiku	327 Magcs	384 Magos
43 Mabfr	100 Mabuy	157 Madij	214 Maifar	271 Maiky	328 Magcu	385 Magou
44 Mabft	101 Madab	158 Madik	215 Maifas	272 Maifma	329 Magdi	386 Magox
45 Mabfu	102 Madac	159 Madim	216 Maifat	273 Maifm	330 Magdo	387 Magpa
46 Mabfy	103 Madad	160 Madin	217 Maifau	274 Maifmu	331 Magds	388 Magra
47 Mabgm	104 Madaf	161 Madip	218 Maifav	275 Maifng	332 Maged	389 Magrm
48 Mabgn	105 Madag	162 Madiq	219 Maifaw	276 Maifn	333 Magej	390 Magrn
49 Mabgu	106 Madah	163 Madis	220 Maifax	277 Maifnu	334 Magek	391 Magru
50 Mabgy	107 Madaj	164 Madit	221 Maifay	278 Maifnx	335 Magen	392 Magsa
51 Mabia	108 Madak	165 Madiu	222 Maifaz	279 Maifog	336 Mageq	393 Maguc
52 Mabib	109 Madal	166 Madiw	223 Maifca	280 Maifom	337 Mageg	394 Magud
53 Mabid	110 Madam	167 Madix	224 Maifce	281 Maifon	338 Mageg	395 Magug
54 Mabif	111 Madan	168 Madkf	225 Maifck	282 Maifop	339 Magew	396 Magun
55 Mabig	112 Madap	169 Madko	226 Maifcm	283 Maifor	340 Magex	397 Magur
56 Mabih	113 Madaq	170 Madku	227 Maifcs	284 Maifos	341 Magfia	398 Magus
57 Mabij	114 Madar	171 Madky	228 Maifcu	285 Maifou	342 Magfn	399 Magux

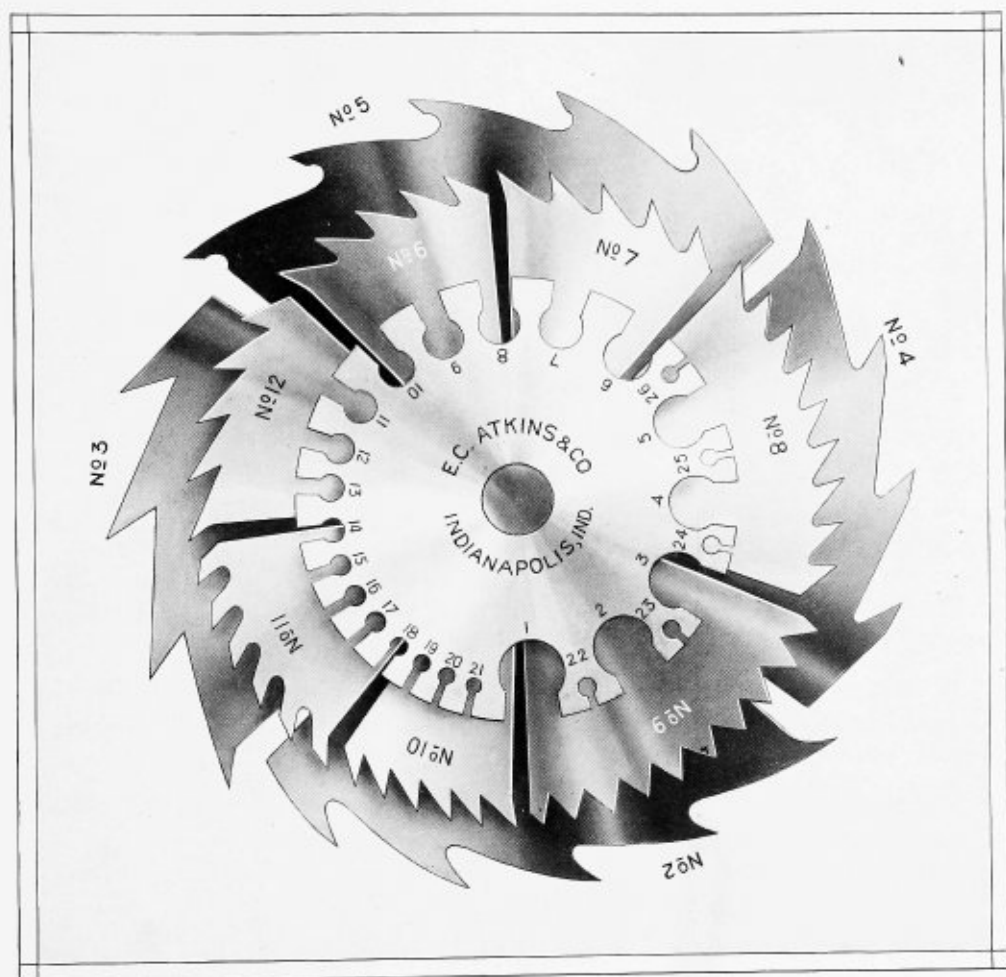
# ATKINS SILVER STEEL SAWS

## NUMERICAL CODE—Continued

400 Maguy	486 Mahox	572 Majma	658 Makik	744 Mamft	830 Mando	916 Maqat
401 Mahab	487 Mahpa	573 Majmn	659 Makim	745 Mamfu	831 Mandu	917 Maqau
402 Mahac	488 Mahra	574 Majmu	660 Makin	746 Mamfy	832 Maned	918 Maqav
403 Mahad	489 Mahrm	575 Majng	661 Makip	747 Mamgm	833 Manej	919 Maqaw
404 Mahaf	490 Mahrn	576 Majns	662 Makiq	748 Mangn	834 Manek	920 Maqax
405 Mahag	491 Mabru	577 Majnu	663 Makis	749 Mangu	835 Manen	921 Maqay
406 Mahah	492 Mahsa	578 Majnx	664 Makit	750 Mamgy	836 Maneq	922 Maqaz
407 Mahaj	493 Mahuc	579 Majog	665 Makiu	751 Mamia	837 Maner	923 Maqca
408 Mahak	494 Mahud	580 Majom	666 Makiw	752 Mamib	838 Manew	924 Maqce
409 Mahal	495 Mahug	581 Majon	667 Makix	753 Mamid	839 Manex	925 Maqck
410 Maham	496 Mahun	582 Majop	668 Makkf	754 Mamif	840 Manez	926 Maqcm
411 Mahan	497 Mahur	583 Majoq	669 Makko	755 Mamig	841 Manfa	927 Maqcs
412 Mahap	498 Mahus	584 Majos	670 Makku	756 Mamih	842 Manfn	928 Maqcu
413 Mahaq	499 Mahux	585 Majou	671 Makky	757 Mamij	843 Manfr	929 Maqdi
414 Mahar	500 Mahuy	586 Majox	672 Makma	758 Mamik	844 Manif	930 Maqdo
415 Mahas	501 Majub	587 Majpa	673 Makmn	759 Mamim	845 Manfu	931 Maqdu
416 Mahat	502 Majac	588 Majra	674 Makmu	760 Mamin	846 Manfy	932 Maqed
417 Mahau	503 Majad	589 Majrm	675 Makng	761 Mamio	847 Mangm	933 Maqej
418 Mahav	504 Majuf	590 Majrn	676 Makns	762 Mamip	848 Mangu	934 Maqek
419 Mahaw	505 Majug	591 Majru	677 Maknu	763 Mamiq	849 Mangu	935 Maqen
420 Mahax	506 Majah	592 Majsa	678 Maknx	764 Mamit	850 Mangy	936 Maqeq
421 Mahay	507 Majaj	593 Majuc	679 Makog	765 Mamiu	851 Mania	937 Maqer
422 Mahaz	508 Majak	594 Majud	680 Makom	766 Mamiw	852 Manib	938 Maqes
423 Mahca	509 Majal	595 Majug	681 Makon	767 Mamix	853 Manid	939 Maqex
424 Mabce	510 Majam	596 Majun	682 Makop	768 Mamkf	854 Manif	940 Maqew
425 Mabek	511 Majan	597 Majur	683 Makor	769 Mamko	855 Manig	941 Maqfa
426 Mabem	512 Majap	598 Majus	684 Makos	770 Mamku	856 Manih	942 Maqfn
427 Mabcs	513 Majaq	599 Majux	685 Makou	771 Mamky	857 Manij	943 Maqfr
428 Mabcu	514 Majar	600 Majuy	686 Makox	772 Mammf	858 Manik	944 Maqft
429 Mabdi	515 Majas	601 Makab	687 Makpa	773 Mammn	859 Manim	945 Maqfu
430 Mahdo	516 Majat	602 Makac	688 Makra	774 Mammu	860 Manin	946 Maqfy
431 Mahdu	517 Majau	603 Makaf	689 Makrm	775 Mammg	861 Manip	947 Maqgm
432 Mahed	518 Majav	604 Makag	690 Makrn	776 Mamns	862 Maniq	948 Maqgn
433 Mahej	519 Majaw	605 Makah	691 Makru	777 Mammn	863 Manis	949 Maqgu
434 Mahek	520 Majax	606 Makaj	692 Maksa	778 Mamnx	864 Maniv	950 Maqgy
435 Mahen	521 Majay	607 Makak	693 Makuc	779 Mamom	865 Maniu	951 Maqia
436 Maheq	522 Majaz	608 Makal	694 Makud	780 Mamom	866 Maniw	952 Maqib
437 Mahef	523 Maja	609 Makam	695 Makug	781 Mamon	867 Manix	953 Maqid
438 Mahes	524 Majce	610 Makan	696 Makun	782 Mamop	868 Mankf	954 Maqif
439 Mahew	525 Majck	611 Makap	697 Makur	783 Mamor	869 Manko	955 Maqig
440 Mahex	526 Majcm	612 Makaan	698 Makus	784 Mamos	870 Manku	956 Maqih
441 Mahfa	527 Majcs	613 Makaf	699 Makux	785 Mamou	871 Manky	957 Maqij
442 Mahfn	528 Majcu	614 Makas	700 Makuy	786 Mamox	872 Manma	958 Maqik
443 Mahfr	529 Majdi	615 Makat	701 Mamab	787 Mampa	873 Manmn	959 Maqim
444 Mahft	530 Majdo	616 Makau	702 Mamac	788 Mamra	874 Manmu	960 Maqin
445 Mahfu	531 Majds	617 Makav	703 Mamad	789 Mamrn	875 Manng	961 Maqip
446 Mahfy	532 Majed	618 Makaw	704 Mamaf	790 Mamfm	876 Manns	962 Maqiq
447 Mahgm	533 Majej	619 Makax	705 Mamag	791 Mamru	877 Mannu	963 Maqis
448 Mahgn	534 Majek	620 Makay	706 Mamah	792 Mamsa	878 Mannx	964 Maqit
449 Mahgu	535 Majen	621 Makaz	707 Mamaj	793 Mamuc	879 Manog	965 Maqiu
450 Mahgy	536 Majeq	622 Makca	708 Mamak	794 Mamud	880 Manom	966 Maqiw
451 Mahia	537 Majer	623 Makee	709 Mamal	795 Mamug	881 Manon	967 Maqix
452 Mahib	538 Majes	624 Makcf	710 Mamam	796 Mamun	882 Manop	968 Maqkf
453 Mahid	539 Majew	625 Makck	711 Maman	797 Mamur	883 Manor	969 Maqko
454 Mahif	540 Majex	626 Makcm	712 Mamap	798 Mamus	884 Manos	970 Maqku
455 Mahig	541 Majfa	627 Makes	713 Mammaq	799 Mamux	885 Manou	971 Maqky
456 Mahih	542 Majfn	628 Makcu	714 Mamar	800 Mamuy	886 Manox	972 Maqma
457 Mahij	543 Majfr	629 Makdi	715 Mamas	801 Manab	887 Manpa	973 Maqmn
458 Mahik	544 Majft	630 Makdo	716 Mamau	802 Manac	888 Manra	974 Maqmu
459 Mahim	545 Majfu	631 Makds	717 Mamaw	803 Manad	889 Manrm	975 Maqng
460 Mahin	546 Majfy	632 Makeb	718 Mamav	804 Manaf	890 Manrn	976 Maqnu
461 Mahip	547 Majgm	633 Makej	719 Marnax	805 Manag	891 Manru	977 Maqnx
462 Mahiq	548 Majgn	634 Makek	720 Mamay	806 Manah	892 Mansa	978 Maqog
463 Mahis	549 Majgu	635 Maken	721 Mamaz	807 Manaj	893 Manuc	979 Maqom
464 Mahit	550 Majgy	636 Makeq	722 Mamca	808 Manak	894 Manud	980 Maqon
465 Mahiu	551 Majia	637 Makef	723 Mamce	809 Manal	895 Manug	981 Maqop
466 Mahiw	552 Majib	638 Makeu	724 Mamcf	810 Mamam	896 Manun	982 Maqor
467 Mahix	553 Maid	639 Makew	725 Mamck	811 Manan	897 Manur	983 Maqos
468 Mahkf	554 Majif	640 Makex	726 Mamcm	812 Manap	898 Manus	984 Maqou
469 Mahko	555 Majig	641 Makfa	727 Mamcs	813 Manaq	899 Manux	985 Maqox
470 Mahku	556 Majih	642 Makfh	728 Mamcu	814 Manar	900 Manuy	986 Maqra
471 Mahky	557 Majij	643 Makfr	729 Mamdi	815 Manas	901 Maqab	987 Maqrs
472 Mahma	558 Majik	644 Makft	730 Mamdo	816 Mansd	902 Maqac	988 Maqrm
473 Mahmn	559 Majim	645 Makfu	731 Mamds	817 Manau	903 Maqad	989 Maqrn
474 Mahnu	560 Majin	646 Makfy	732 Mameb	818 Manav	904 Maqaf	990 Maqru
475 Mahog	561 Majip	647 Makgm	733 Mamej	819 Manaw	905 Maqag	991 Maqry
476 Mahns	562 Majiq	648 Makgn	734 Mamek	820 Manax	906 Maqah	992 Maqsa
477 Mahnu	563 Majis	649 Makgu	735 Mameo	821 Manay	907 Maqaj	993 Maqsy
478 Mahnx	564 Majit	650 Makgy	736 Mameq	822 Manaz	908 Maqak	994 Maquc
479 Mahog	565 Majju	651 Makia	737 Mamer	823 Manca	909 Maqal	995 Maqud
480 Mahom	566 Majiw	652 Makib	738 Mameu	824 Mance	910 Maqam	996 Maqug
481 Mahon	567 Majix	653 Makid	739 Mamew	825 Manck	911 Maqan	997 Maqun
482 Mahop	568 Majkf	654 Makif	740 Mamex	826 Mancm	912 Maqap	998 Maqur
483 Mahor	569 Majko	655 Makig	741 Mamfa	827 Mancs	913 Maqaq	999 Maqux
484 Mahos	570 Majku	656 Makih	742 Mamfn	828 Mancu	914 Maqar	1000 Maqyy
485 Mahou	571 Majky	657 Makij	743 Mamfr	829 Mandi	915 Maqas	



ATKINS CIRCULAR SAWS



While we make an almost endless variety of shapes of teeth for circular saws, we show above only a few patterns which are in more general use.

No. 2 tooth is used on both large and small solid tooth saws and to a large extent on bolters. No. 3 tooth is an old pattern for ripping, but is not used to as large an extent as heretofore.

No. 4 tooth is used largely for export on both large and small saws. It is also a popular style for grooving saws where tooth space is one inch or over.

No. 5 tooth is extensively used on large circular rip saws.

No. 6 tooth is used principally for equalizer saws.

No. 7 is another pattern well adapted for equalizer saws, but is not in as general favor as No. 6.

No. 8 is also used on equalizers, 20 inch diameter and smaller, also on half and half saws. It can be used for both ripping and cross cutting.

No. 9 tooth is for cross cutting and may be placed on the arbor to run either way.

No. 10 tooth is a very fine rip saw style.

No. 11 tooth is used principally for export, although many large operations in this country find this style most desirable.

No. 12 is a fine tooth rip saw and adapted for smooth cutting.

## ATKINS SAWS FOR THE MILL

All Genuine Atkins Mill Saws are made of Silver Steel.

Silver Steel is manufactured in enormous quantities under our own exclusive formula.

We thus secure the facilities of the largest steel plants in the world which insures a greater uniformity than could possibly be otherwise obtained.

To avoid variation, all Silver Steel is both chemically and physically analyzed in our laboratory and if not up to the standard is immediately rejected.

There is no temptation to use any blade, no matter how small, unless it measures up to the standard of Silver Steel.

The heat treatment is prescribed in the laboratory, based upon the analysis and the conditions under which the finished saw must operate.

In the tempering rooms the operatives carry out the directions of the laboratory. This work is done scientifically, through the use of exclusive machinery which reduces the hardening and tempering processes to an absolute certainty.

We have also invented and covered by patent, the most improved machinery for grinding purposes. By its use, we are enabled to finish Atkins Silver Steel Saws with great accuracy, giving any saw the required gauge, even when there is a variation of thickness wanted at different points in the blade.

The hammering or smithing process is in the hands of our most skilled workmen. In this department are found some of our oldest employees, many of whom have been in our constant employ from twenty to forty years.

Silver Steel files easily, but at the same time is exceedingly hard and tough. It is almost impossible to crack it, unless the saw is run at a disadvantage. It takes a perfect swage and Silver Steel Saws do not easily lose their teeth or points.

Any saw bearing the name of E. C. Atkins & Co., is guaranteed to give perfect satisfaction under even the most trying conditions if properly operated.

## ATKINS CIRCULAR SAWS

Remember that these saws are made of genuine Silver Steel which is the finest and most expensive material that has ever been used in saw blades, that they are manufactured by skilled workmen, with scientific appliances and under the most favorable conditions throughout.

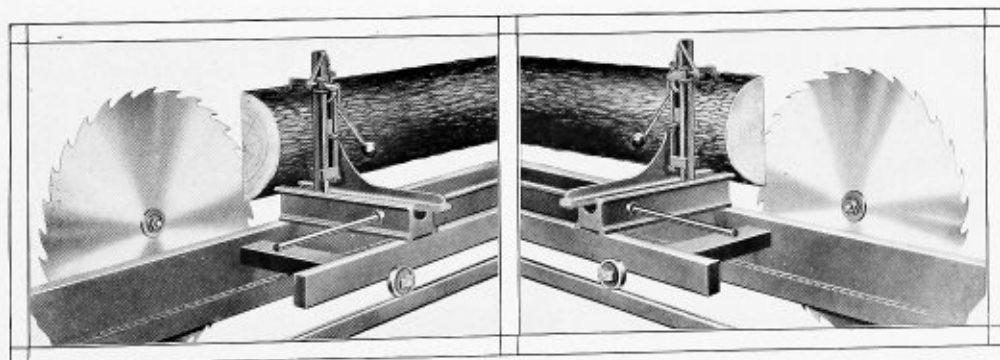
### INSTRUCTIONS FOR ORDERING ATKINS CIRCULAR SAWS

In ordering circular saws be careful to give following specifications in detail:

- (a) Diameter of saw in inches.
- (b) Right or left hand (see cut below).
- (c) Gauge (thickness) of saw at center and also at rim.
- (d) Number of teeth in saw.
- (e) Style or pattern of tooth (see cut on page 21).
- (f) Diameter of mandrel hole; diameter of pin holes, and distance center to center of pin holes.
- (g) Number of revolutions of saw per minute while in cut.
- (h) Greatest feed in inches per revolution—kind of feed.
- (i) Kind of timber sawed.
- (j) Spring or swage set.
- (k) For rip or cross cut work.
- (l) Horse power available.

All our stock saws forty inches and larger in diameter have standard mandrel and pin holes, namely—two inch mandrel hole, and five-eighths inch lug pin holes, three inches from center to center. If wanted different, please send full pattern of holes. Order blanks furnished on application.

### HAND OF CIRCULAR SAWS



Left Hand

Right Hand

See illustration on page 28, showing hand of shingle saws.

**ATKINS CIRCULAR SAWS**

**THE SPEED OF CIRCULAR SAWS**

This is one of the most essential matters to be observed, and no one can give it too much attention. If the speed of the saw is too high, it can not do good work, besides rendering it liable to many accidents. Too high a speed generates heat in the saw, makes it touchy and limber, so that it will only run and do good work on light feed, while the teeth are in the best of order, and have keen cutting points. As soon as the teeth are dull, the saw will run or dodge whenever it comes in contact with any unusual obstacle. Again, too low a speed has its objections, but it is not attended with such ruinous effects upon the saw. These difficulties can be remedied to a limited extent by the hammering of the saw, but cannot be entirely overcome. We keep in stock speed indicators, with which the speed of saw mandrel can be ascertained.

We have published a pamphlet entitled "Saws and Saw Tools," containing general information relative to the care and operation of saws, which will be mailed free to any address on application.

**TABLE OF SPEED OF CIRCULAR SAWS**

Size of Saw Inches	Rev. per Minute Speed	Size of Saw Inches	Rev. per Minute Speed	Size of Saw Inches	Rev. per Minute Speed	Size of Saw Inches	Rev. per Minute Speed
8	4,500	26	1,384	42	870	58	625
10	3,600	28	1,285	44	840	60	600
12	3,000	30	1,200	46	800	62	575
14	2,585	32	1,120	48	750	64	550
16	2,222	34	1,050	50	725	66	545
18	2,000	36	1,000	52	700	68	529
20	1,800	38	950	54	675	70	514
22	1,636	40	900	56	650	72	500
24	1,500						

**RULES FOR CALCULATING THE SPEED OF SAWS,  
PULLEYS OR DRUMS**

Problem 1. The diameter of the driven being given, to find its number of revolutions.

Rule—Multiply the diameter of the driver by its number of revolutions, and divide the product by the diameter of the driven; the quotient will be the number of revolutions of the driven.

Problem 2. The diameter and revolutions of the driver being given, to find the diameter of the driven, that shall make any given number of revolutions in the same time.

Rule—Multiply the diameter of the driver by its number of revolutions, and divide the product by the number of revolutions of the driven; the quotient will be its diameter.

Problem 3. To ascertain the size of the driver.

Rule—Multiply the diameter of the driven by the number of revolutions you wish it to make, and divide the product by the revolutions of the driver; the quotient will be the size of the driver.

# ATKINS SILVER STEEL SAWS

## SAW GAUGES

### COMPARATIVE TABLE OF GAUGES IN DECIMALS OF AN INCH

No. of Wire Gauge	Birmingham or Stubbs Wire	American or Brown & Sharpe	Imperial Wire Gauge	U. S. Std. for Plate	No. of Wire Gauge	Birmingham or Stubbs Wire	American or Brown & Sharpe	Imperial Wire Gauge	U. S. Std. for Plate
000000	....	.....	.464	.46875	18	.049	.040303	.048	.050
00000	....	.....	.432	.4375	19	.042	.03589	.040	.04375
0000	.454	.460	.400	.40625	20	.035	.031961	.036	.0375
000	.425	.40964	.372	.375	21	.032	.028462	.032	.034375
00	.380	.3648	.348	.34375	22	.028	.025347	.028	.03125
0	.340	.32486	.324	.3125	23	.025	.022571	.024	.028125
1	.300	.2893	.300	.28125	24	.022	.0201	.022	.025
2	.284	.25763	.276	.265625	25	.020	.0179	.020	.021875
3	.259	.22942	.252	.250	26	.018	.01594	.018	.01875
4	.238	.20431	.232	.234375	27	.016	.014195	.0164	.0171875
5	.220	.18194	.212	.21875	28	.014	.012641	.0149	.015625
6	.203	.16202	.192	.203125	29	.013	.011257	.0136	.0140625
7	.180	.14428	.176	.1875	30	.012	.010025	.0124	.0125
8	.165	.12849	.160	.171875	31	.010	.008928	.0116	.0109375
9	.148	.11443	.144	.15625	32	.009	.00795	.0108	.01015625
10	.134	.10189	.128	.140625	33	.008	.00708	.0100	.0099375
11	.120	.090742	.116	.125	34	.007	.006304	.0092	.00859375
12	.109	.080808	.104	.109375	35	.005	.005614	.0084	.0078125
13	.095	.071961	.092	.09375	36	.004	.005	.0076	.00703125
14	.083	.064084	.080	.078125	37	....	.004453	.0068	.00664062
15	.072	.057068	.072	.0703125	38	....	.003965	.0060	.00625
16	.065	.05082	.064	.0625	39	....	.003531	.0052	.....
17	.058	.045257	.056	.05625	40	....	.003144	.0048	.....

### DECIMAL EQUIVALENTS OF PARTS OF AN INCH

Fractions of An Inch	Decimals of An Inch	Fractions of An Inch	Decimals of An Inch	Fractions of An Inch	Decimals of An Inch	Fractions of An Inch	Decimals of An Inch
$\frac{1}{64}$	.015625	$\frac{1}{32}$	.265625	$\frac{1}{16}$	.515625	$\frac{1}{8}$	.765625
$\frac{1}{32}$	.03125	$\frac{3}{32}$	.28125	$\frac{1}{8}$	.53125	$\frac{3}{16}$	.78125
$\frac{3}{64}$	.046875	$\frac{1}{16}$	.296875	$\frac{3}{16}$	.546875	$\frac{1}{4}$	.796875
$\frac{1}{16}$	.0625	$\frac{5}{16}$	.3125	$\frac{1}{4}$	.5625	$\frac{5}{16}$	.8125
$\frac{5}{64}$	.078125	$\frac{3}{8}$	.328125	$\frac{5}{16}$	.578125	$\frac{3}{8}$	.828125
$\frac{3}{32}$	.09375	$\frac{1}{4}$	.34375	$\frac{3}{8}$	.59375	$\frac{7}{16}$	.84375
$\frac{1}{8}$	.109375	$\frac{5}{16}$	.359375	$\frac{1}{2}$	.609375	$\frac{1}{2}$	.859375
$\frac{1}{8}$	.125	$\frac{3}{8}$	.375	$\frac{5}{8}$	.625	$\frac{7}{8}$	.875
$\frac{3}{64}$	.140625	$\frac{1}{2}$	.390625	$\frac{1}{2}$	.640625	$\frac{1}{2}$	.890625
$\frac{1}{32}$	.15625	$\frac{13}{32}$	.40625	$\frac{21}{32}$	.65625	$\frac{3}{2}$	.90625
$\frac{11}{64}$	.171875	$\frac{3}{4}$	.421895	$\frac{43}{64}$	.671875	$\frac{23}{16}$	.921875
$\frac{3}{16}$	.1875	$\frac{7}{16}$	.4375	$\frac{1}{2}$	.6875	$\frac{5}{16}$	.9375
$\frac{13}{64}$	.203125	$\frac{3}{4}$	.453125	$\frac{45}{64}$	.703125	$\frac{3}{4}$	.953125
$\frac{7}{32}$	.21875	$\frac{15}{16}$	.46875	$\frac{33}{32}$	.71875	$\frac{11}{8}$	.96875
$\frac{15}{64}$	.234375	$\frac{1}{2}$	.484375	$\frac{41}{32}$	.734375	$\frac{13}{8}$	.984375
$\frac{1}{4}$	.25	$\frac{1}{2}$	.5	$\frac{3}{4}$	.75	..	.....

# ATKINS SILVER STEEL SAWS

## ATKINS SOLID TOOTH CIRCULAR SAWS

PATENT GROUND AND TEMPERED

MADE FROM OUR CELEBRATED SILVER STEEL. WORKMANSHIP UNEQUALLED

Diameter Inches	Thickness Gauge	Size of Hole Inches	Price, Each	Extra for Each Gauge Heavier	Beveling New Saws per Gauge	Net Prices		Approx. Weight Pounds
						Extra for Setting and Sharpening if		
						Rip	Cross Cut	
1	24	$\frac{3}{8}$	\$1.00	\$ .01	\$ .06	\$ .03	\$ .04	$\frac{1}{16}$ Net
1½	24	$\frac{3}{8}$	1.00	.01	.07	.03	.05	$\frac{2}{16}$ "
2	23	$\frac{3}{8}$	1.00	.01½	.08	.04	.05	$\frac{2}{16}$ "
2½	22	$\frac{3}{8}$	1.00	.02	.09	.04	.06	$\frac{3}{16}$ "
3	21	$\frac{1}{2}$	1.00	.02½	.10	.05	.06	$\frac{3}{16}$ "
3½	20	$\frac{1}{2}$	1.00	.03	.12	.05	.07	$\frac{3}{16}$ "
4	19	$\frac{3}{4}$	1.20	.03	.14	.06	.07	$\frac{1}{4}$ "
5	19	$\frac{3}{4}$	1.50	.04	.16	.06	.08	$\frac{5}{8}$ "
6	18	$\frac{3}{4}$	1.80	.05	.18	.07	.10	$\frac{3}{4}$ "
7	18	$\frac{3}{4}$	2.10	.06	.20	.08	.11	$\frac{7}{8}$ "
8	18	$\frac{7}{8}$	2.40	.08	.22	.10	.13	1 "
9	17	$\frac{7}{8}$	2.80	.10	.25	.11	.14	1¼ "
10	16	1	3.30	.12	.28	.12	.16	1½ "
11	16	1	3.90	.16	.30	.13	.18	2 "
12	15	1	4.40	.20	.35	.15	.20	2½ "
14	14	1½	5.30	.25	.40	.18	.23	3½ "
16	14	1½	6.50	.30	.50	.20	.25	4½ "
18	13	1¾	8.00	.40	.60	.23	.28	6 "
20	13	1¾	9.50	.50	.70	.25	.32	7 "
22	12	1¾	11.50	.60	.80	.28	.35	10 "
24	11	1¾	13.50	.70	.90	.31	.40	13 "
26	11	1¾	16.00	.85	1.05	.35	.45	16 "
28	10	1½	18.50	1.00	1.20	.38	.50	21 "
30	10	1½	21.00	1.15	1.30	.42	.55	24½ "
32	10	1½	24.00	1.30	1.40	.45	.60	27 "
34	9	1½	27.00	1.50	1.55	.50	.65	33 "
36	9	1½	31.00	1.80	1.70	.55	.70	40 "
38	9	1½	35.00	2.00	1.85	.60	.75	49 "
40	9	2	41.00	2.30	2.00	.65	.80	100 Gross
42	8	2	47.00	2.60	2.20	...	.85	105 "
44	8	2	55.00	3.00	2.40	...	.90	115 "
46	8	2	65.00	3.50	2.60	...	1.00	125 "
48	8	2	75.00	4.00	2.80	...	1.10	136 "
50	7	2	85.00	4.50	3.00	...	1.20	148 "
52	7	2	95.00	5.00	3.25	...	1.30	160 "
54	7	2	105.00	6.00	3.50	...	1.40	170 "
56	7	2	120.00	7.00	3.75	...	1.50	180 "
58	7	2	135.00	8.00	4.05	...	1.60	195 "
60	6	2	150.00	9.00	4.35	...	1.70	210 "
62	6	2	170.00	10.00	4.65	...	1.80	225 "
64	6	2	190.00	12.00	5.00	...	1.90	240 "
66	6	2	210.00	15.00	5.35	...	2.00	265 "
68	5	2	235.00	18.00	5.75	...	2.10	285 "
70	5	2	265.00	21.00	6.15	...	2.20	295 "
72	5	2	300.00	24.00	6.55	...	2.30	325 "
74	5	2	340.00	27.00	7.00	...	2.40	335 "
76	5	2	390.00	30.00	7.50	...	2.50	350 "
78	5	2	465.00	34.00	8.10	...	...	365 "
80	5	2	550.00	38.00	8.80	...	...	375 "
82	5	2	640.00	43.00	9.60	...	...	390 "
84	5	2	730.00	48.00	10.50	...	...	500 "

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

No extra charge for saws one gauge thicker than list.

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

Circular saws 48 inches and larger, thinner than 10 gauge are not warranted.

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

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

Bone, horn, and ivory saws. Add 50 per cent to above list. No extra charge for fitting these saws as it is understood that the 50 per cent advance includes fitting. When these saws are hollow ground or beveled, the 50 per cent advance is to apply only on the list price of a straight gauge saw and not to apply to the extras for hollow grinding or beveling.

# ATKINS SILVER STEEL SAWS

## ATKINS CIRCULAR SAWS

SILVER STEEL, GROUND TAPERING

### ATKINS RE-SAWING OR SIDING SAWS

Diameter Inches	Gauge	Price, Each	Diameter Inches	Gauge	Price, Each
16	13x17	\$8.00	28	9x13	\$22.10
16	12x16	8.30	28	9x14	23.30
16	11x15	8.60	28	8x13	24.30
18	12x16	9.80	30	9x13	24.90
18	11x15	10.20	30	9x14	26.20
18	12x17	10.40	30	8x13	27.35
20	12x16	11.60	32	9x13	28.20
20	11x15	12.10	32	9x14	29.60
20	12x17	12.30	32	8x13	30.90
22	11x15	13.90	34	9x13	31.65
22	10x14	14.50	34	8x13	33.20
22	11x16	14.70	34	8x14	34.75
24	10x14	16.20	36	8x13	37.80
24	9x13	16.90	36	8x14	39.50
24	10x15	17.10	36	7x14	43.00
26	10x14	19.15	38	8x12	40.55
26	9x13	20.00	38	8x13	42.40
26	10x15	20.20	38	7x13	46.25

NOTE.—List prices of all re-saws 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.

### ATKINS SILVER STEEL EDGER SAWS

SOLID TOOTH

Diameter Inches	PRICE, EACH				
	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

### ATKINS LATHE SAWS

Diameter Inches	Gauge	Price Each	Extra for Each Additional Gauge (Heavier)	Diameter Inches	Gauge	Price Each	Extra for Each Additional Gauge (Heavier)
6	9	\$2.00	\$ .12	13	5	\$4.25	....
7	9	2.25	.12	13	6	4.00	....
8	9	2.50	.15	14	2	5.50	....
9	8	2.75	.15	14	3	5.25	....
10	7	3.00	.20	14	4	5.00	....
11	7	3.30	.20	14	5	4.75	....
12	6	3.60	.20	14	6	4.50	....
13	2	5.00	....	15	5	5.00	\$ .30
13	3	4.75	....	16	5	5.60	.30
13	4	4.50	....	..	..	....	....

**ATKINS SILVER STEEL SAWS**  
**ATKINS SHINGLE AND HEADING SAWS**  
Silver Steel, Taper Ground and Gas Tempered



Left Hand



Right Hand

SEE FOLLOWING PAGE FOR INFORMATION AND PRICES



**ATKINS SHINGLE AND HEADING SAWS**

**SILVER STEEL, PATENT TAPER GROUND**

On account of the exceedingly thin gauge on the toothed edge of shingle and heading saws, it is necessary to use a very fine grade of steel. Silver Steel is the best for this purpose because of its unusual edge and tension holding qualities.

The standard shingle saw is from 7 to 9 gauge at the center and from 16 to 19 gauge on the toothed edge. Heading saws are usually from 5 to 7 gauge at the center and from 14 to 16 gauge on the rim.

Atkins Silver Steel Shingle and Heading Saws are analyzed in our laboratory and the proper heat treatment prescribed, based upon this analysis. Our gas furnaces insure a uniform temper which together with our patented mechanical devices eliminates the possibility of hard or soft spots or any unevenness of temper.

All Atkins Silver Steel Shingle and Heading Saws are ground flat on the rim. This renders it unnecessary to regrind them for a considerable time and insures the full benefit of the set.

**WHEN ORDERING SHINGLE AND HEADING SAWS, GIVE  
FOLLOWING SPECIFICATIONS**

Diameter of saw (in inches). Thickness or gauge at center and rim. Number of teeth. Right or left hand. Speed.

If you wish us to furnish the flange also, give maker's name of machine, or send full and correct metal template of old flange, showing size and location of holes.

If you have flange and we are to furnish the saw only, send it to us that we may fit it to the saw, or if you cannot send it, send template of holes and sample of screw by which to drill and countersink saw.

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

Above list is for saws beveled not more than eight 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.

**ATKINS COLLARS FOR ANY MAKE SHINGLE, HEADING OR RE-SAWS**

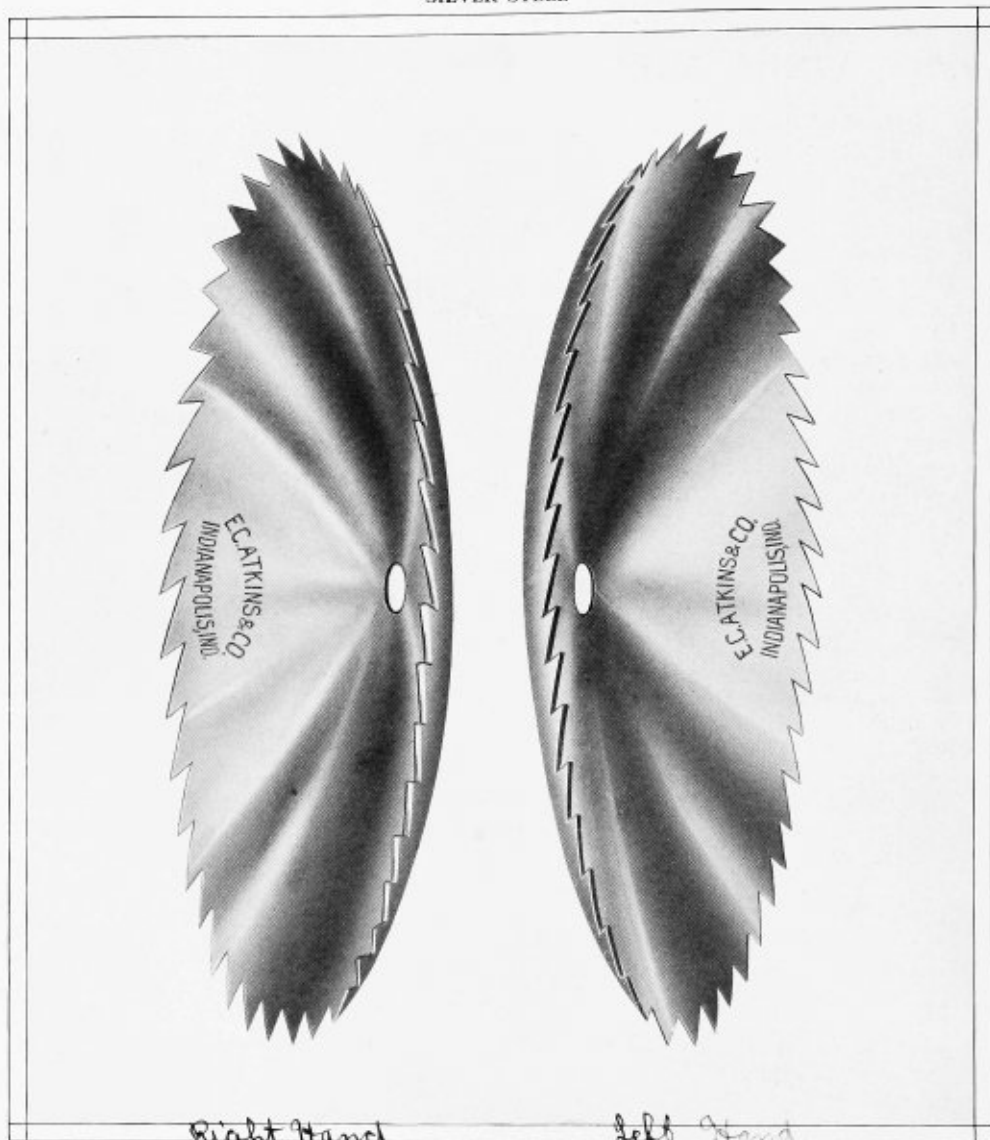
Size . . . . inches	21½ and 22	24	25½	27	28	29	31½	36
Price . . . . each	\$15.00	17.00	18.00	20.00	21.00	24.00	30.00	36.00

Challoner and Perkins Collars, \$1.00 per inch.

# ATKINS SILVER STEEL SAWS

## ATKINS CONCAVE SAWS

SILVER STEEL



*Right Hand*  
Left Hand

*Left Hand*  
Right Hand

Diameter Inches	Gauge	Price Each	Price for Each Additional Gauge, Extra	Diameter Inches	Gauge	Price Each	Price for Each Additional Gauge, Extra
4	16	\$2.30	\$.05	11	14	\$5.40	\$.16
5	16	2.40	.05	12	14	6.20	.20
6	16	2.50	.05	14	13	7.60	.25
7	15	2.90	.06	16	13	9.50	.30
8	15	3.30	.08	18	12	11.30	.40
9	15	3.80	.10	20	12	14.20	.50
10	14	4.60	.12	.....	.....	.....	.....

Saws concaved to a smaller circle than 16 inches, extra net price as follows:

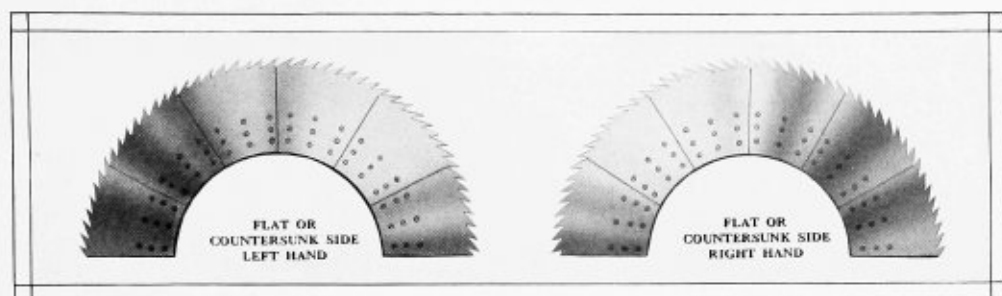
Circle Inches	Price per Saw	Circle Inches	Price per Saw	Circle Inches	Price per Saw	Circle Inches	Price per Saw
6	\$1.17	8½	\$.83	11	\$.67	13½	\$.58
6½	1.17	9	.67	11½	.67	14	.75
7	1.00	9½	.67	12	.50	14½	.75
7½	1.00	10	.58	12½	.50	15	.50
8	.83	10½	.58	13	.58	15½	.50

Extra sizes made to order.

# ATKINS SILVER STEEL SAWS

## ATKINS SEGMENT VENEER SAWS

SILVER STEEL



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

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

### PRICE PER FOOT IN DIAMETER OF SAW

Veneer Saws, 19 gauge and thinner		Re-Saws, 18 gauge and thicker	
12 inches deep, 5 gauge.....	\$22.40	.....	\$18.95
12 inches deep, 6 gauge.....	21.40	.....	18.10
12 inches deep, 7 gauge.....	20.40	.....	17.25
12 inches deep, 8 gauge.....	19.10	.....	16.15
12 inches deep, 9 gauge.....	18.45	.....	15.60
12 inches deep, 10 gauge.....	17.80	.....	15.00

Add 5 per cent for each additional inch in depth.

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

### RATES FOR REPAIRING SEGMENT SAWS

Per foot in diameter		Per foot in diameter	
Grinding first and second gauge.....	\$2.50	Gumming.....	\$ .80
Grinding each additional gauge.....	.56	Re-toothing and hammering.....	2.20
Hammering.....	.95		

### COLLARS FOR SEGMENT VENEER AND RE-SAWS

#### NET PRICE FOR SEGMENT RE-SAW COLLAR COMPLETE

Consisting of cast iron flange and steel rim collar fitted to segments; including screws and coppers.

Diam. Collars Inches	Net Prices Fitted	Diam. Collars Inches	Net Prices Fitted	Diam. Collars Inches	Net Prices Fitted	Diam. Collars Inches	Net Prices Fitted
14	\$17.50	20	\$25.00	26	\$36.00	32	\$52.00
16	20.00	22	28.00	28	40.00	34	60.00
18	22.50	24	32.00	30	45.00	..	.....

Veneer saw flanges two-thirds of above prices.

#### NET PRICES FOR FITTING SEGMENTS TO OLD COLLARS

Including Screws and Coppers

Diam. Collars Inches	Net Prices	Diam. Collars Inches	Net Prices	Diam. Collars Inches	Net Prices	Diam. Collars Inches	Net Prices
14	\$5.00	20	\$8.00	26	\$11.00	32	\$14.00
16	6.00	22	9.00	28	12.00	34	15.00
18	7.00	24	10.00	30	13.00	..	.....

When new collars of any special style different from our standard patterns are required, we charge for the pattern at actual cost; this will average from \$1.50 to \$2.50, according to the size.

Extra coppers 75 cents per dozen. Extra screws 20 cents per dozen.

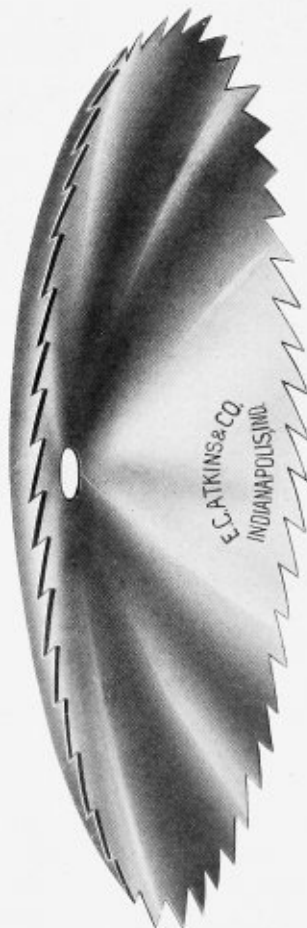
# ATKINS SILVER STEEL SAWS

## ATKINS CONCAVE SAWS

SILVER STEEL



Right Hand  
Left Hand



Left Hand  
Right Hand

Diameter Inches	Gauge	Price Each	Price for Additic Gauge, I
4	16	\$2.30	\$ .00
5	16	2.40	.00
6	16	2.50	.00
7	15	2.90	.00
8	15	3.30	.00
9	15	3.80	.10
10	14	4.60	.10

Saws concaved to a smaller circle

Circle Inches	Price per Saw	Circle Inches	Price per S
6	\$1.17	8½	\$ .80
6½	1.17	9	.00
7	1.00	9½	.00
7½	1.00	10	.58
8	.83	10½	.58

Extra sizes made to order.

Through error the above cut was reversed, so that the left-hand saw is shown at the right, and vice versa.

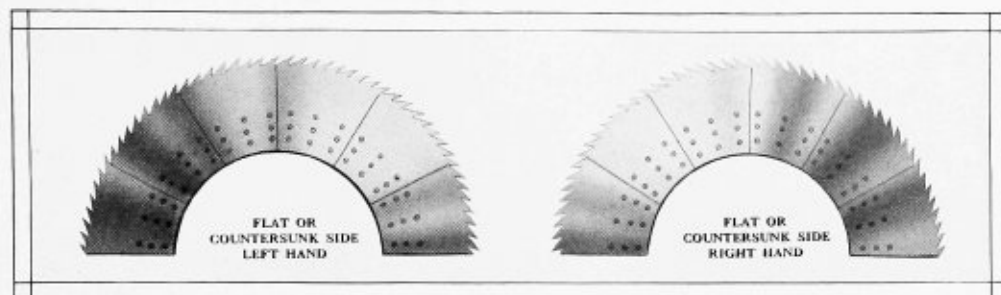
Page 30.

12	.50	14½	.50
12½	.50	15	.50
13	.58	15½	.50

# ATKINS SILVER STEEL SAWS

## ATKINS SEGMENT VENEER SAWS

SILVER STEEL



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

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

### PRICE PER FOOT IN DIAMETER OF SAW

Veneer Saws, 19 gauge and thinner		Re-Saws, 18 gauge and thicker
12 inches deep, 5 gauge.....	\$22.40	\$18.95
12 inches deep, 6 gauge.....	21.40	18.10
12 inches deep, 7 gauge.....	20.40	17.25
12 inches deep, 8 gauge.....	19.10	16.15
12 inches deep, 9 gauge.....	18.45	15.60
12 inches deep, 10 gauge.....	17.80	15.00

Add 5 per cent for each additional inch in depth.

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

### RATES FOR REPAIRING SEGMENT SAWS

Per foot in diameter		Per foot in diameter	
Grinding first and second gauge.....	\$2.50	Gumming.....	\$.80
Grinding each additional gauge.....	.56	Re-toothing and hammering.....	2.20
Hammering.....	.95		

### COLLARS FOR SEGMENT VENEER AND RE-SAWS

#### NET PRICE FOR SEGMENT RE-SAW COLLAR COMPLETE

Consisting of cast iron flange and steel rim collar fitted to segments; including screws and coppers.

Diam. Collars Inches	Net Prices Fitted	Diam. Collars Inches	Net Prices Fitted	Diam. Collars Inches	Net Prices Fitted	Diam. Collars Inches	Net Prices Fitted
14	\$17.50	20	\$25.00	26	\$36.00	32	\$52.00
16	20.00	22	28.00	28	40.00	34	60.00
18	22.50	24	32.00	30	45.00	..	.....

Veneer saw flanges two-thirds of above prices.

#### NET PRICES FOR FITTING SEGMENTS TO OLD COLLARS

Including Screws and Coppers

Diam. Collars Inches	Net Prices	Diam. Collars Inches	Net Prices	Diam. Collars Inches	Net Prices	Diam. Collars Inches	Net Prices
14	\$5.00	20	\$8.00	26	\$11.00	32	\$14.00
16	6.00	22	9.00	28	12.00	34	15.00
18	7.00	24	10.00	30	13.00	..	.....

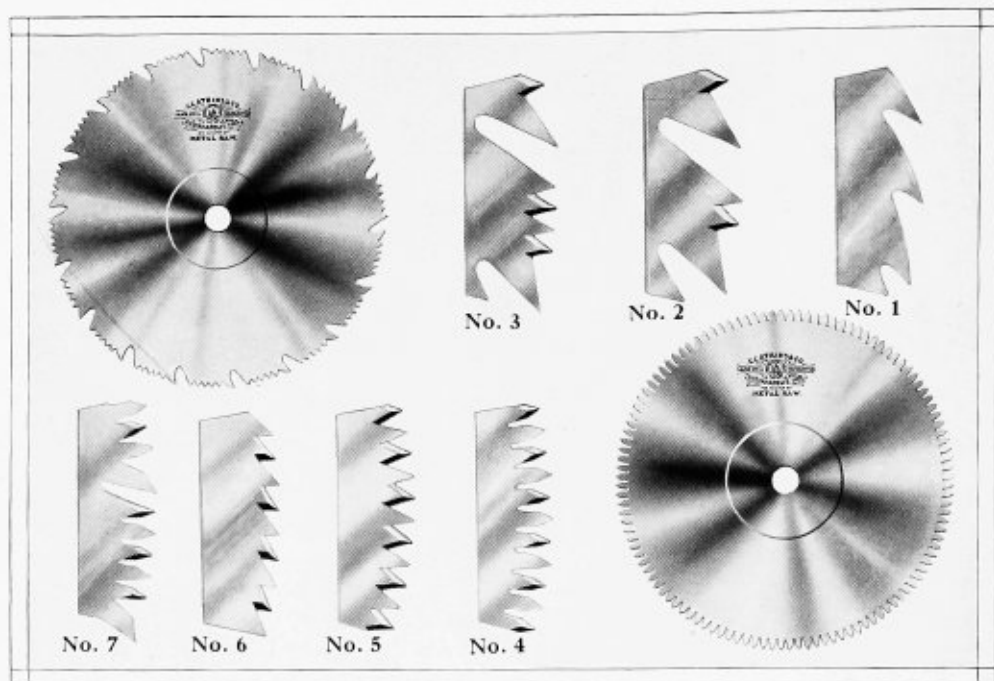
When new collars of any special style different from our standard patterns are required, we charge for the pattern at actual cost; this will average from \$1.50 to \$2.50, according to the size.

Extra coppers 75 cents per dozen. Extra screws 20 cents per dozen.

# ATKINS SILVER STEEL SAWS

## ATKINS CIRCULAR MITRE SAWS

SILVER STEEL, HOLLOW GROUND



We show above several patterns of the most popular styles of teeth used in mitre saws. From these illustrations, you will be able to select and to order by number the style of tooth desired.

On account of the high quality of Silver Steel, used in these blades, they will hold their sharp cutting edges to a remarkable degree.

These saws are ground to run without set and are specially adapted for smooth cutting, as in furniture, fine cabinet work, cigar box factories, etc.

In ordering, it is important to give diameter of saw, gauge at toothed edge, gauge at hole and, if desired, the additional gauges beveling, also state whether to be made with plain or cleaner teeth. Give size of center hole, also diameter of collar on mandrel.

We do not recommend circular mitre saws of thinner gauge than listed below.

Size Inches	Gauge at Holes	Gauge at Edge of Collar	Gauge at Teeth	Extra for Each Gauge Heavier	Extra for Each Additional Gauge Beveling	Price Each	Size Inches	Gauge at Holes	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	\$.03	\$.14	\$3.00	12	14	17	14	\$.20	\$.35	\$8.30
5	17	20	17	.04	.16	3.60	14	13	16	13	.25	.40	9.80
6	17	20	17	.05	.18	4.20	16	13	16	13	.30	.50	11.60
7	16	19	16	.06	.20	4.80	18	12	15	12	.40	.60	13.70
8	16	19	16	.08	.22	5.40	20	12	15	12	.50	.70	16.20
9	15	18	15	.10	.25	6.00	22	11	14	11	.60	.80	19.00
10	15	18	15	.12	.28	6.70	24	11	14	11	.70	.90	22.00
11	14	17	14	.16	.30	7.50	..	..	..	..	...	...	.....

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

# ATKINS SILVER STEEL SAWS

## ATKINS SPECIAL CIRCULAR SAWS

### ATKINS SILVER STEEL CIRCULAR KNIVES

FOR CUTTING CORK, LEATHER,  
PAPER, CLOTH, ETC.

In ordering please give these specifications:

1. Diameter.
2. Gauge.
3. Size of hole.
4. Width of bevel.
5. Beveled on one or both sides.

NOTE—We allow two gauges heavier than listed without extra charge. Add 5 per cent for each additional gauge.

This list is for knives made of Silver Steel with a bevel not over 1 inch in width.

Diameter ..	4	5	6	7	8	9
Gauge .....	14	14	14	14	14	14
Price ..each	\$1.40	\$1.75	\$2.10	\$2.45	\$2.80	\$3.15

Diameter ..	10	12	14	16	18	20
Gauge .....	14	12	11	10	9	9
Price ..each	\$3.50	\$4.80	\$6.30	\$8.00	\$9.90	\$12.00

Diameter ..	22	24	26	28	30	32
Gauge .....	8	8	7	7	6	6
Price ..each	\$14.30	\$16.80	\$19.50	\$22.40	\$25.50	\$30.40

We make special cutters for all purposes. Prices quoted on application.

### ATKINS LOCK CORNER BOX CUTTERS

Prices quoted on application.

### ATKINS SPECIAL HEADING CUTTERS

#### SOLID OR INSERTED TEETH

We make a feature of special heading cutters used in connection with concave saws. Made of High Grade Silver Steel according to individual specifications. Write us for further information and quotations.

Be sure to give the following information:

Thickness, size hole, diameter of convex side, diameter of concave side, radius of circle, diameter of countersunk head, depth of countersunk head, turn to right or left, tempered low for filing, tempered medium for filing, tempered high for grinding.

For list on grooving saws see page 34.



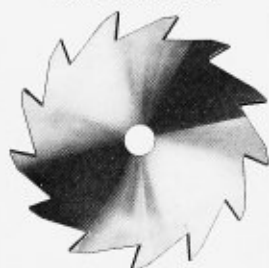
Circular Knife



Lock Corner Box Cutter



Heading Cutter

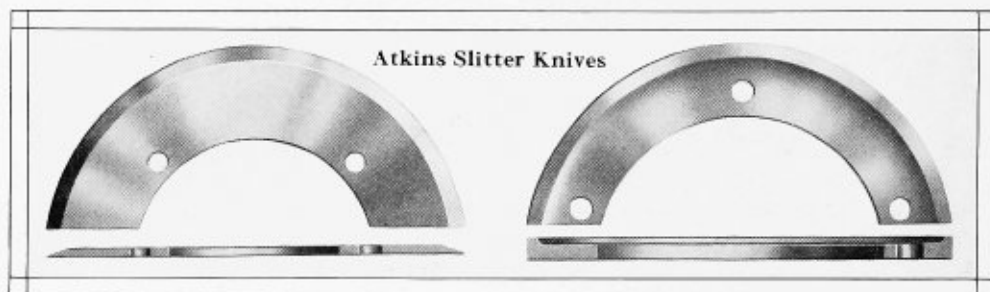


Grooving Saw

# ATKINS SILVER STEEL SAWS

## ATKINS SPECIALTIES

### ATKINS SLITTER KNIVES OR CUTTERS



Atkins Slitter Knives or Cutters are made from a very high grade fine quality of special tool steel. They are carefully tempered to meet the necessary requirements of the user. In the grinding treatment we use the most improved scientific machinery, thereby securing an extremely accurate finish throughout.

Prices quoted on application.

### ATKINS EXCELSIOR SPURS

We manufacture Excelsior Spurs of exceptionally high quality at the following list prices:

6x $\frac{3}{8}$ , 16 or 18 gauge.....	per pound	\$ .80
For each gauge lighter than 19 gauge, add.....	per pound	.04
Special spurs, 3 $\frac{1}{2}$ x $\frac{3}{8}$ x17 gauge, beveled both sides of sharp edge.....	per pound	2.50
Dividers 16 to 18 gauge.....	per pound	.60

### ATKINS SILVER STEEL GROOVING SAWS

Diameter Inches	THICKNESS, INCHES								
	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{4}$
3	\$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	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
10	4.40	5.80	10.00	11.40	12.90	14.40	15.90	18.80	22.00
11	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
Space Teeth	$\frac{1}{4}$ in.	1 in.	1 in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{2}$ in.	1 $\frac{3}{4}$ in.	2 in.	2 in.	2 in.

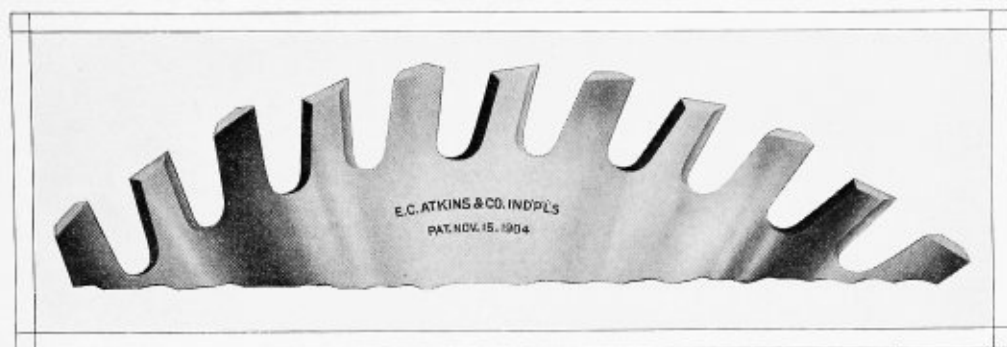
Beveled grooving saws, add 10 per cent to above prices. Grooving saws with teeth shaped and backed off, add 50 per cent to above prices. Special grooving saws made to order, special prices.



# ATKINS SILVER STEEL SAWS

## ATKINS CIRCULAR SAWS

SILVER STEEL



### ATKINS McLEAN & McKAM TOOTH SAW UNEQUALLED FOR SMOOTH SAWING

This style of tooth is designed for use where a particularly smooth joint or edge is desired. The teeth are beveled and sharpened alternately so that glue joints may be made without planing. It does equally well in cross cutting, ripping or mitreing.

It is specially adapted for use in planing mills, furniture, moulding and picture frame factories, pattern and other shops where the finest work is to be done.

#### HOW TO ORDER

In ordering be particular to specify whether the saw is to be used for ripping or cross cutting or for general purposes. Also state, if possible, the character of lumber which is to be cut. For very smooth work, saws should be hollow ground, in which case it is necessary to specify the size of collar. Saws 12 to 18 inches will be made hollow ground unless otherwise ordered. Saws 20 inches and over will be ground straight and set unless specified to the contrary.

#### HOW TO FILE

File only the top of the tooth, being exceedingly careful to maintain the same clearance as in the new saw. Hollow ground saws are designed to run without set. Straight ground saws require much less set than is used in the ordinary saw. The set should be sprung in the tooth at least half way down.

Caution—Do not twist the tooth out of the plane of the saw blade.

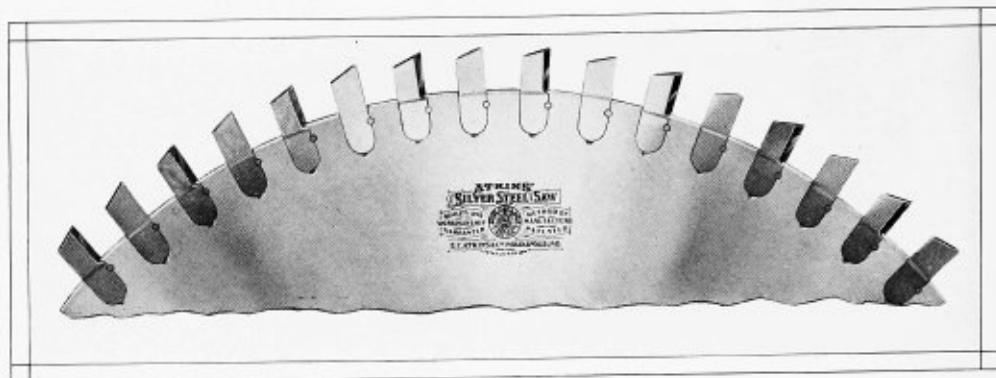
Size Inches	Gauge	Number Teeth	Extra for Each Gauge Heavier than List	Extra Each Additional Gauge Beveling	List Hollow Ground or Set Tooth	Size Inches	Gauge	Number Teeth	Extra for Each Gauge Heavier than List	Extra Each Additional Gauge Beveling	List Hollow Ground or Set Tooth
12	12x15	48	\$ .20	\$ .35	\$8.70	50	6x9	172	\$5.00	\$3.00	\$108.00
14	12x15	58	.25	.40	10.05	52	6x9	....	5.50	3.25	119.00
16	12x15	64	.30	.50	11.90	54	6x9	....	6.00	3.50	131.00
18	11x14	76	.40	.60	14.10	56	6x9	....	7.00	3.75	147.50
20	10x14	84	.50	.70	17.20	58	6x9	....	8.00	4.05	164.50
22	10x14	92	.60	.80	19.60	60	6x9	....	9.00	4.35	181.50
24	10x14	100	.70	.90	22.00	62	6x9	....	10.00	4.65	203.50
26	9x12	108	.85	1.05	25.00	64	6x9	....	12.00	5.00	226.00
28	9x12	116	1.25	1.20	28.00	66	6x9	....	15.00	5.35	248.50
30	9x12	116	1.50	1.30	31.00	68	5x8	....	18.00	5.75	276.00
32	8x11	124	1.75	1.40	33.50	70	5x8	....	21.00	6.15	309.00
34	7x10	130	2.00	1.55	37.00	72	5x8	....	24.00	6.55	346.50
36	7x10	140	2.25	1.70	39.50	74	5x8	....	27.00	7.00	389.50
38	7x10	140	2.50	1.85	43.00	76	5x8	....	30.00	7.50	443.00
40	7x10	150	2.75	2.00	50.00	78	5x8	....	34.00	8.10	522.00
42	7x10	150	3.00	2.20	57.50	80	5x8	....	38.00	8.80	611.50
44	7x10	160	3.25	2.40	67.50	82	5x8	....	43.00	9.60	706.50
46	7x10	160	3.50	2.60	81.50	84	5x8	....	48.00	10.50	802.50
48	6x 9	182	4.50	2.80	100.00	....	....	....	....	....	....

Sizes 38 to 46, inclusive, are for rip saws only. For ripping and cut-off general purpose saws add 2 additional teeth. For cutting off only, add 14 to 16 teeth, according to diameter of saw.

# ATKINS SILVER STEEL SAWS

## ATKINS CIRCULAR SAWS

SILVER STEEL



### ATKINS INSERTED TOOTH CUT-OFF SAW

McLEAN PATTERN

This is a comparatively new style of tooth on which we own the exclusive patent. It is meeting with great success and we heartily recommend it.

It is designed for extra smooth cutting in large timber and is particularly desirable in Shingle Mills.

The economy of a saw of this construction lies first in the fact that the user is able to maintain the original diameter of the saw. This particular tooth also insures the cutting of a narrow kerf, thus saving considerable lumber. Each tooth is offset on the point to obviate the necessity for setting.

The shape of the tooth is similar to the McLean & McKam Pattern shown on previous page. It does not require a holder but is held in the blade by a milled groove and rivet.

In ordering, be particular to state the class of work for which the saw is desired, also the revolutions at which it is to be run, the gauge and diameter.

Diam. Inches	Gauge	Standard Number of Teeth	Width of Tooth Inches	Size Hole Inches	Price Each	Diam. Inches	Gauge	Standard Number of Teeth	Width of Tooth Inches	Size Hole Inches	Price Each
16	11	40	$\frac{9}{8}$	$1\frac{1}{8}$	\$42.00	52	7	94	$\frac{9}{8}$	2	\$207.00
18	11	42	$\frac{9}{8}$	$1\frac{1}{4}$	46.00	54	7	96	$\frac{9}{8}$	2	231.00
20	11	44	$\frac{9}{8}$	$1\frac{5}{8}$	50.00	56	7	100	$\frac{9}{8}$	2	252.00
22	11	46	$\frac{9}{8}$	$1\frac{5}{8}$	55.00	58	7	104	$\frac{9}{8}$	2	280.00
24	11	48	$\frac{9}{8}$	$1\frac{3}{8}$	60.00	60	6	108	$\frac{3}{4}$	2	308.00
26	10	50	$\frac{9}{8}$	$1\frac{3}{8}$	66.00	62	6	112	$\frac{3}{4}$	2	343.00
28	10	52	$\frac{9}{8}$	$1\frac{1}{2}$	72.00	64	6	116	$\frac{3}{4}$	2	385.00
30	9	54	$\frac{9}{8}$	$1\frac{1}{2}$	78.00	66	6	120	$\frac{3}{4}$	2	420.00
32	9	56	$\frac{9}{8}$	$1\frac{5}{8}$	84.00	68	6	124	$\frac{3}{4}$	2	455.00
34	9	58	$\frac{9}{8}$	$1\frac{5}{8}$	90.00	70	6	128	$\frac{3}{4}$	2	497.00
36	9	62	$\frac{9}{8}$	$1\frac{5}{8}$	96.50	72	6	132	$\frac{3}{4}$	2	546.00
38	8	66	$\frac{9}{8}$	$1\frac{5}{8}$	103.50	74	5	136	$\frac{3}{4}$	2	615.00
40	8	70	$\frac{9}{8}$	2	112.00	76	5	140	$\frac{3}{4}$	2	700.00
42	8	74	$\frac{9}{8}$	2	124.50	78	5	144	$\frac{3}{4}$	2	790.00
44	8	78	$\frac{9}{8}$	2	134.50	80	5	148	$\frac{3}{4}$	2	885.00
46	8	82	$\frac{9}{8}$	2	145.50	82	5	152	$\frac{3}{4}$	2	985.00
48	8	86	$\frac{9}{8}$	2	158.00	84	5	156	$\frac{3}{4}$	2	1090.00
50	7	90	$\frac{9}{8}$	2	178.00	86	5	160	$\frac{3}{4}$	2	1200.00

### EXTRA TEETH FOR ABOVE SAWS

Width, Inches	Gauge	Price, Each	Width, Inches	Gauge	Price, Each
$\frac{9}{8}$	11	\$ .20	$\frac{9}{8}$	7	\$ .22
$\frac{9}{8}$	10	.20	$\frac{3}{4}$	7	.22
$\frac{9}{8}$	9	.20	$\frac{3}{4}$	6	.23
$\frac{9}{8}$	8	.22	$\frac{3}{4}$	5	.24

Above prices include rivets. For each tooth inserted in excess of standard add to the list: For  $\frac{9}{8}$  inch, \$1.00; for  $\frac{3}{4}$  inch, \$1.25.

For changing solid tooth saws into Atkins Patent Inserted Tooth, \$1.00 per tooth for  $\frac{9}{8}$  inch and \$1.25 per tooth for  $\frac{3}{4}$  inch plus one-half list price of solid tooth saws of same size. The price is based upon size saw will finish after cutting down, and is subject to same discount as inserted tooth saws.

# ATKINS SILVER STEEL SAWS

## ATKINS WABBLE SAWS

SILVER STEEL

In the manufacture of all articles with rounded edges, of peculiar shape similar to the suggestions given in the accompanying illustration, the wobble saw is invaluable. It is also used for grooving.

Prospective users are requested to send us samples of the work to be done so that we may determine whether or not the wobble saw is adapted for the purpose intended.

It can be made for use on shaper spindles to meet almost any requirement and does work better and often cheaper than by any other process. In many cases shaping with the band saw can be eliminated, thus saving one operation. In ordering wobble saws, it is important in the case of grooving, to give the width of groove. When rounded edges are to be made, specify the amount of wobble desired. State also the diameter and thickness.

If more than one saw is to be used, give the distance over all, also whether saws only or saws with collars are to be used. If saws with collars are to be used, send accurate pattern of all holes. If ordered with collars, it is best to have independent collars with each saw, so that when the saw wears down, spacers can be placed between them, to maintain the original width of cut.

### PRICES, SAWS WITH COLLARS

$\frac{1}{4}$  inch thick

Diameter	
5 inches.....	\$16.30
6 inches.....	17.20
7 inches.....	18.40
8 inches.....	19.60
9 inches.....	20.80
10 inches.....	22.00

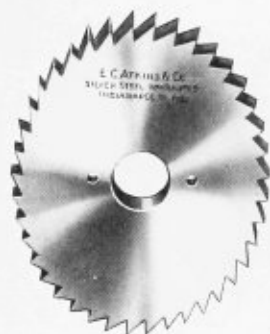
### PRICES, SAWS ONLY

$\frac{1}{4}$  inch thick

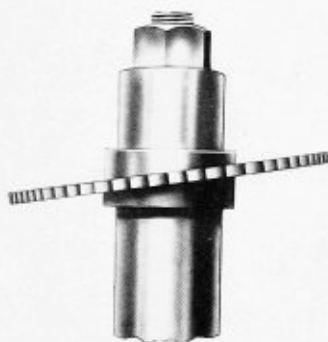
Diameter	
5 inches.....	6.30
6 inches.....	7.20
7 inches.....	8.40
8 inches.....	9.60
9 inches.....	10.80
10 inches.....	12.00

Special saws at special prices. In ordering be sure to send old collars.

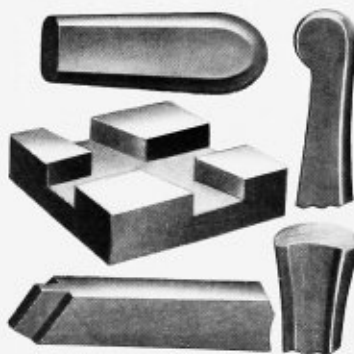
The accompanying illustrations are a few samples of the great range of work that can be done with the Atkins Wobble Saw.



Wobble Saw



Wobble Saw with Collar

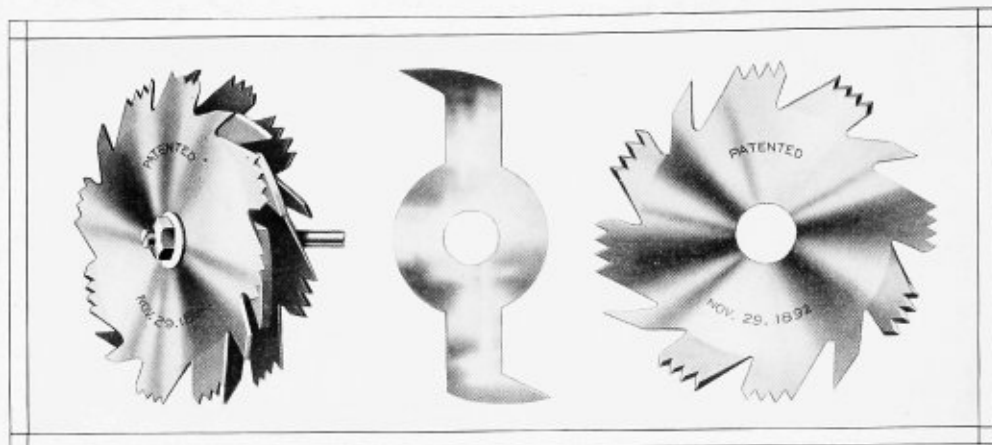


Some Samples of Work Done

# ATKINS SILVER STEEL SAWS

## ATKINS GROOVER OR DADO HEADS

HUTHER'S PATENT



These dado heads have a capacity for cutting any width of groove from  $\frac{1}{8}$  to 4 inches and can be made with an even greater capacity.

They are made in six different combination sets as listed below. No. 6 set will cut any groove from  $\frac{1}{8}$  to 2 inches, No. 5 from  $\frac{1}{8}$  to  $1\frac{1}{2}$  inches, etc.

The complete sets consist of two outside saws, each of which is a groover in itself. These are furnished with as many inside cutters as the width of the groove requires. The inside cutters are made from  $\frac{1}{16}$  to  $\frac{1}{4}$  inch thick. The outside cutters are  $\frac{1}{8}$  to  $\frac{1}{4}$  inch thick. It will cut a perfect groove, either with or across the grain and makes an exceedingly smooth, even cut.

The groovers are arranged in sets, as follows:

- No. 1 set, cutting grooves,  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ .  
 No. 2 set, cutting grooves,  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ .  
 No. 3 set, cutting grooves,  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{7}{8}$ ,  $1\frac{1}{2}$ ,  $\frac{9}{16}$ ,  $\frac{5}{8}$ ,  $\frac{11}{16}$ ,  $\frac{3}{4}$ .  
 No. 4 set, cutting grooves,  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{7}{8}$ ,  $1\frac{1}{2}$ ,  $\frac{9}{16}$ ,  $\frac{5}{8}$ ,  $\frac{11}{16}$ ,  $\frac{3}{4}$ ,  $\frac{13}{16}$ ,  $\frac{7}{8}$ ,  $\frac{15}{16}$ , 1.  
 No. 5 set, cutting grooves,  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{7}{8}$ ,  $1\frac{1}{2}$ ,  $\frac{9}{16}$ ,  $\frac{5}{8}$ ,  $\frac{11}{16}$ ,  $\frac{3}{4}$ ,  $\frac{13}{16}$ ,  $\frac{7}{8}$ ,  $\frac{15}{16}$ , 1,  $1\frac{1}{8}$ ,  $1\frac{1}{4}$ ,  $1\frac{3}{8}$ ,  $1\frac{1}{2}$ .  
 No. 6 set, cutting grooves,  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{7}{8}$ ,  $1\frac{1}{2}$ ,  $\frac{9}{16}$ ,  $\frac{5}{8}$ ,  $\frac{11}{16}$ ,  $\frac{3}{4}$ ,  $\frac{13}{16}$ ,  $\frac{7}{8}$ ,  $\frac{15}{16}$ , 1,  $1\frac{1}{8}$ ,  $1\frac{1}{4}$ ,  $1\frac{3}{8}$ ,  $1\frac{1}{2}$ ,  $1\frac{5}{8}$ ,  $1\frac{3}{4}$ ,  $1\frac{7}{8}$ ,  $1\frac{15}{16}$ ,  $2$ .  
 No. 7 set, cutting grooves,  $\frac{1}{8}$  to 3 inches wide.  
 No. 8 set, cutting grooves,  $\frac{1}{8}$  to 4 inches wide.

### PRICE EACH, NET

No. of Set	DIAMETER, INCHES										
	6	7	8	9	10	11	12	14	16	18	20
1	\$5.80	\$6.80	\$7.60	\$8.35	\$9.15	\$9.75	\$10.85	\$13.30	\$15.80	\$18.30	\$19.80
2	7.05	8.15	9.05	9.90	10.80	11.60	12.95	15.40	17.90	20.40	22.90
3	8.65	9.85	10.85	11.90	13.00	13.90	15.45	18.00	20.50	23.00	25.50
4	9.90	11.20	12.30	13.45	14.65	15.75	17.55	20.00	22.50	25.00	27.50
5	12.40	13.90	15.20	16.55	17.95	19.45	21.75	24.25	26.75	29.25	31.75
6	14.90	16.60	18.10	19.65	21.25	23.15	25.95	28.50	31.00	33.50	36.00
7	20.50	22.60	24.50	26.45	28.45	30.75	34.35	38.90	43.80	47.90	54.00
8	26.10	28.60	30.90	33.25	35.65	38.35	42.75	49.30	54.60	62.30	72.00

### ATKINS INSIDE CUTTERS

Diam. In.	PRICE, EACH		
	THICKNESS		
	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$ or $\frac{1}{4}$
6	\$ .65	\$1.00	\$1.40
7	.70	1.10	1.50
8	.80	1.20	1.60
9	.90	1.30	1.70

Diam. In.	PRICE, EACH		
	THICKNESS		
	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$ or $\frac{1}{4}$
10	\$1.00	\$1.40	\$1.80
11	1.10	1.50	1.90
12	1.20	1.60	2.10
...	...	...	...

### ATKINS OUTSIDE CUTTERS

Diam. In.	PRICE, EACH		
	THICKNESS		
	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$
6	\$2.95	\$3.50	\$4.00
7	3.40	4.00	4.60
8	3.85	4.45	5.05
9	4.30	4.90	5.50

Diam. In.	PRICE, EACH		
	THICKNESS		
	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$
10	\$4.75	\$5.35	\$6.00
11	5.10	5.80	6.50
12	6.05	6.65	7.00
...	...	...	...

In ordering, please state the number of set, diameter of groover, and size of hole wanted. Extra inside cutters can be had at any time.

## ATKINS INSERTED TOOTH SAWS

### SILVER STEEL

There are many important features in connection with inserted tooth saws other than the diameter and gauge and shape of tooth.

The quality of steel used in the bits and holders is of the utmost importance and the heat treatment and shaping processes determine the real merits of the saw.

Atkins Holders, being made of a special alloy steel, possess the highest degree of wearing qualities as well as proper spring to hold the teeth firmly in place. They stand the enormous pressure to which they are subjected without the likelihood of becoming loose in the sockets, or breaking from undue strain.

Atkins Bits or Teeth are made from a high grade alloy steel of another and entirely different formula which takes a high temper, combining both great strength and edge holding qualities.

Both bits and holders are drop forged by special machinery designed for that purpose. The advantage of using this process becomes apparent when you consider the greater density which it imparts.

The hardening and tempering of all bits is prescribed in our chemical laboratory after a careful analysis of the bars. This determines first the accuracy of the alloy and secondly the proper heat treatment to which it must be subjected.

The ovens used in this process have been greatly improved and differ materially from all others. They are equipped with most delicate instruments and are sensitive to the highest degree, so that Atkins Bits and Holders are as exquisitely tempered as a clock spring or the finest razor blade.

In the plates, we use the same High Grade Silver Steel as in all Atkins Solid Tooth Circular Saws. This is a most important feature as it insures the tension holding quality, thus saving a large re-fitting and re-hammering expense. This is another feature that it would be well to remember in considering the first cost of an inserted tooth saw.

# ATKINS SILVER STEEL SAWS

## ATKINS INSERTED TOOTH SAWS

### SILVER STEEL

In designing Atkins Bits and Holders, special attention has been given to their shape, in order to provide for each size that accuracy of cutting angle which insures the lightest running blade, combined with maximum wear.

We have been successful in designing teeth which readily discharge the dust and chips without carrying them back into the kerf to cause undue heat on the rim of the saw.

We have taken into consideration the requirements of Winter sawing where the shape of bit and style of holder determine the merit of the saw to a large degree.

We show here the most popular styles of bits and holders now in use in Atkins Inserted Tooth Saws. We are prepared to furnish bits and holders for other makes of saws. In placing order for new saw, give diameter of blade, gauge, style, whether right or left hand and number of teeth wanted.

While it may be true that an Atkins Inserted Tooth Saw with Silver Steel Blade may cost more in the first place, it will be found much cheaper in the long run, thus proving a decided economy.

In re-ordering bits and holders specify style wanted. Number and gauges clearly stamped on each bit and holder. Otherwise send samples.

Diameter Inches	Gauge	STANDARD NUMBER OF TEETH			Size Hole Inches	PRICE, EACH		Extra for Each Additional Gauge Heavier	Price for Beveling New Saws per Gauge	NUMBER OF TEETH FURNISHED WITH EACH SAW	
		2	2½	3 & 30		Nos. 2, 3 & 30	No. 2½			Nos. 2, 3 & 30	No. 2½
12	11	10	12	10	1	\$19.00	\$20.00	\$ .20	\$.35	100	100
14	11	12	14	10	1½	22.00	23.00	.25	.40	100	100
16	11	14	16	12	1½	25.50	26.00	.30	.50	100	100
18	11	16	18	14	1¼	28.50	30.00	.40	.60	100	100
20	11	18	20	14	1½	32.00	34.00	.50	.70	100	100
22	11	20	22	16	1½	36.50	38.00	.60	.80	100	200
24	11	22	24	18	1½	40.00	43.00	.70	.90	100	200
26	10	24	26	18	1½	44.00	49.00	.85	1.05	100	200
28	10	24	28	20	1½	48.00	55.00	1.00	1.20	100	200
30	10	24	30	20	1½	52.00	60.00	1.15	1.30	100	200
32	9	26	32	22	1½	58.00	68.00	1.30	1.40	200	300
34	9	26	36	22	1½	63.00	76.00	1.50	1.55	200	300
36	8	28	38	24	1½	69.00	82.00	1.80	1.70	200	300
38	8	28	40	24	1½	74.00	90.00	2.00	1.85	200	300
40	8	30	42	26	2	80.00	98.00	2.30	2.00	200	300
42	8	32	44	28	2	89.00	106.00	2.60	2.20	200	400
44	7	36	46	30	2	96.00	114.00	3.00	2.40	200	400
46	7	36	48	30	2	104.00	124.00	3.50	2.60	200	400
48	7	40	50	32	2	113.00	135.00	4.00	2.80	200	400
50	7	40	52	34	2	127.00	146.00	4.50	3.00	200	400
52	6	44	56	36	2	148.00	162.00	5.00	3.25	200	500
54	6	44	58	38	2	165.00	180.00	6.00	3.50	300	500
56	6	48	60	40	2	180.00	205.00	7.00	3.75	300	500
58	6	48	62	42	2	200.00	225.00	8.00	4.05	300	500
60	5	52	64	42	2	220.00	250.00	9.00	4.35	300	500
62	5	52	66	44	2	245.00	275.00	10.00	4.65	300	500
64	5	56	68	44	2	275.00	300.00	12.00	5.00	300	500
66	5	56	72	48	2	300.00	325.00	15.00	5.35	300	500
68	5	60	76	48	2	325.00	365.00	18.00	5.75	300	500
70	4	60	78	52	2	355.00	410.00	21.00	6.15	300	500
72	4	60	80	52	2	390.00	450.00	24.00	6.55	300	500

Two extra holders furnished with saws 40 inches diameter and less. Three extra holders with saws 42 inches diameter and over. One wrench furnished free with all sizes.

Duplicate teeth, \$4.80 per hundred. Duplicate holders, 40 cents each. Wrenches, \$1.00 each.

For changing solid tooth saws into inserted tooth saws, \$1.50 per tooth, plus one-half list price of solid tooth saw of same size. This price is based upon size saw will finish after cutting down, and is subject to same discount as inserted tooth saws.

No. 3 teeth are made regular and short holder pattern.

For weights see page 43.

ATKINS *SILVER STEEL* SAWS

ATKINS INSERTED TOOTH SAWS

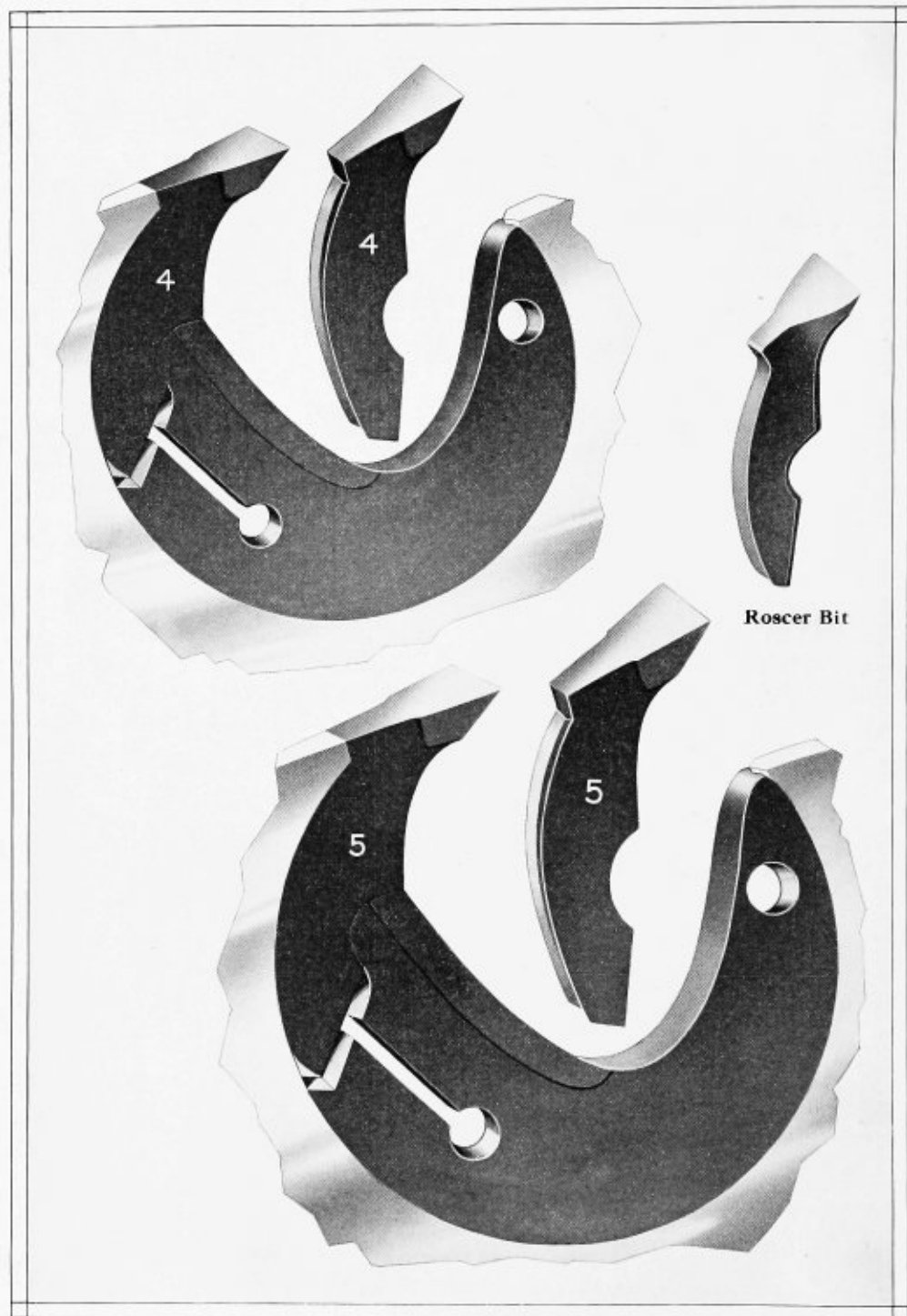
SILVER STEEL



ATKINS *SILVER STEEL* SAWS

ATKINS INSERTED TOOTH SAWS

SILVER STEEL





# ATKINS SILVER STEEL SAWS

## ATKINS INSERTED TOOTH SAWS

### SILVER STEEL

We have recently improved the style of Atkins Bits which increases their cutting capacity and life very considerably.

No. 3 style of tooth is in more general use than any other and meets the ordinary requirements.

No. 2 tooth is designed for light work on small saws of thin gauge.

No. 2½ is of medium size and suitable for saws for high feed mills where a large number of teeth are necessary.

No. 30 is an especially strong tooth for heavy duty.

Nos. 4 and 5 are extremely heavy large patterns and are used extensively on the west coast. They are also used in top saws.

### Nos. 4 AND 5 SAWS

Diameter Inches	Thickness Gauge	STANDARD NUMBER OF TEETH		Size Hole Inches	Price Each	Extra for Each Additional Gauge Heavier	Price for Beveling New Saws Per Gauge	Number Teeth Furnished With Each Saw	Approx. Weight Pounds
		No. 4	No. 5						
12	11	..	..	1	\$19.00	\$ .20	\$.35	100	4 net
14	11	..	..	1 1/8	22.00	.25	.40	100	5 "
16	11	..	..	1 1/8	25.50	.30	.50	100	6 1/2 "
18	11	..	..	1 1/4	28.50	.40	.60	100	8 1/2 "
20	11	12	10	1 3/8	32.00	.50	.70	100	10 1/2 "
22	11	12	10	1 3/8	36.50	.60	.80	100	13 "
24	11	14	12	1 3/8	40.00	.70	.90	100	15 "
26	10	14	12	1 3/8	44.00	.85	1.05	100	20 "
28	10	16	14	1 1/2	48.00	1.00	1.20	100	22 "
30	10	16	14	1 1/2	52.00	1.15	1.30	100	26 "
32	9	18	16	1 5/8	58.00	1.30	1.40	200	35 "
34	9	20	18	1 5/8	63.00	1.50	1.55	200	40 "
36	8	22	20	1 5/8	69.00	1.80	1.70	200	48 "
38	8	22	20	1 5/8	74.00	2.00	1.85	200	54 "
40	8	24	22	2	80.00	2.30	2.00	200	110 gross
42	8	26	24	2	89.00	2.60	2.20	200	115 "
44	7	26	24	2	96.00	3.00	2.40	200	130 "
46	7	28	26	2	104.00	3.50	2.60	200	135 "
48	7	28	28	2	113.00	4.00	2.80	200	150 "
50	7	30	30	2	127.00	4.50	3.00	200	170 "
52	6	30	30	2	148.00	5.00	3.25	200	180 "
54	6	32	32	2	165.00	6.00	3.50	300	190 "
56	6	34	32	2	180.00	7.00	3.75	300	200 "
58	6	34	34	2	200.00	8.00	4.05	300	220 "
60	5	36	34	2	220.00	9.00	4.35	300	240 "
62	5	36	36	2	245.00	10.00	4.65	300	245 "
64	5	38	36	2	275.00	12.00	5.00	300	260 "
66	5	40	40	2	300.00	15.00	5.35	300	285 "
68	5	40	40	2	325.00	18.00	5.75	300	305 "
70	4	44	42	2	355.00	21.00	6.15	300	310 "
72	4	44	42	2	390.00	24.00	6.55	300	350 "

Two extra holders furnished with saws 40 inches diameter and less. Three extra holders furnished with saws 42 inches diameter and over.

Duplicate No. 4 holders, 50 cents each. Duplicate No. 4 teeth, \$5.60 per hundred. Wrenches, \$1.00 each.

Duplicate No. 5 holders, 50 cents each. Duplicate No. 5 teeth, \$6.00 per hundred. Wrenches, \$1.00 each.

For changing over solid tooth saws into inserted tooth 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 tooth saws.

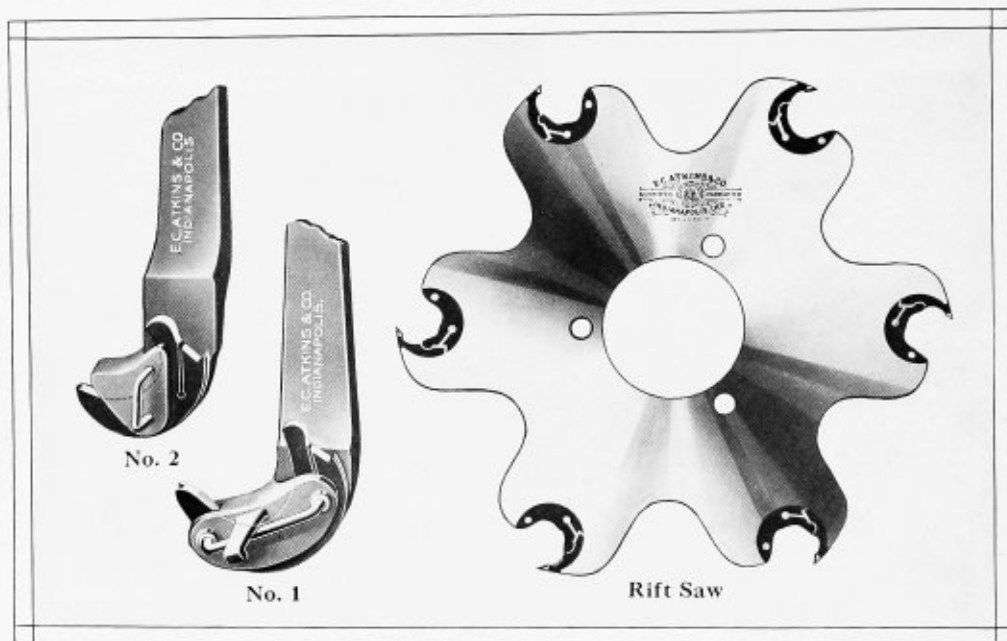
### ROSCER BITS

These bits are made for both 3 and 5 gauge saws. The point of 3 gauge tooth is 3/8 of an inch wide and of 5 gauge, 3/4 of an inch wide. In ordering, specify whether 3 or 5 gauge is desired.

# ATKINS SILVER STEEL SAWS

## ATKINS INSERTED TOOTH SAWS

SILVER STEEL



### ATKINS RIFT SAWS

Silver Steel is admirably adapted for this style of saw. The advantages of this steel have been fully described on previous pages.

Atkins Rift Saws are usually furnished with No. 3 bits and holders unless otherwise ordered. Fifty points and one extra holder furnished with each saw.

When specified, rift saws can be made with two teeth on each projection.

The standard is 8 gauge but can be supplied in either 9 or 10 gauge.

In ordering, be particular to send template of holes.

Diameter .....	inches	14	16	18	20	22	24	26	28	30
Gauge .....		8	8	8	8	8	8	8	8	8
Four teeth .....	each	\$15.00	\$16.00	\$18.00	\$20.00	\$22.00	\$24.50	\$27.00	\$30.00	\$34.00
Six teeth .....	each	18.00	19.00	21.00	23.00	25.00	27.50	30.00	33.00	37.00

Duplicate No. 3 teeth, \$4.80 per hundred. Duplicate No. 3 holders, 40 cents each. Wrenches, \$1.00 each.

### ATKINS INSERTED TOOTH SAW WRENCHES

We illustrate above two types of wrenches, designed for use in fitting holders and teeth into place.

These wrenches are made of good material and are substantially constructed and will perform their work satisfactorily.

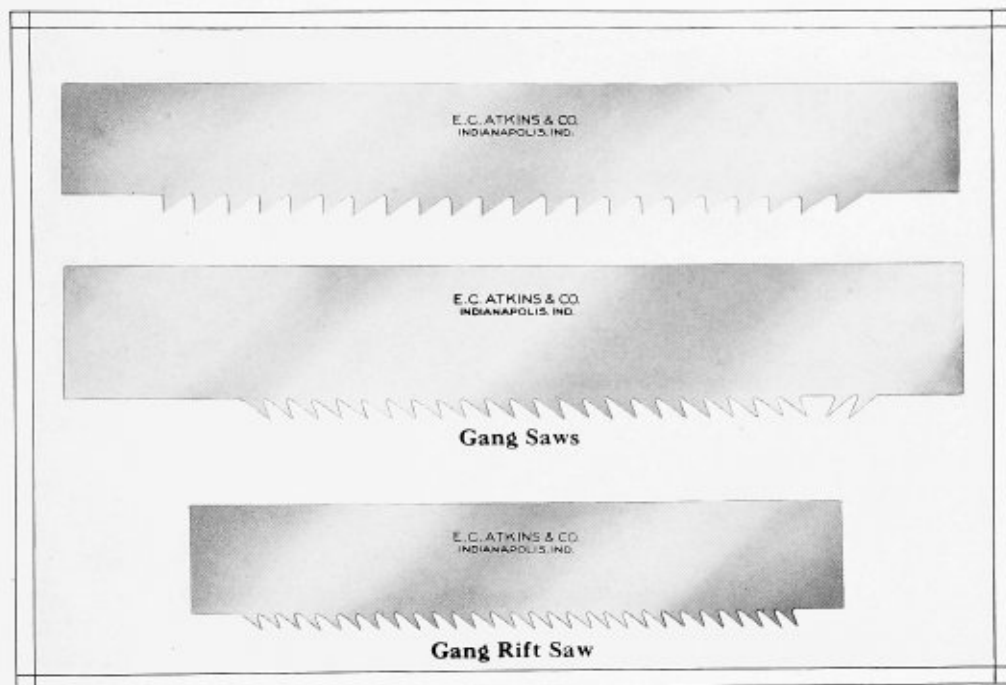
Price, No. 1, for Nos. 3, 4 and 5 holders .....each \$1.00  
 Price, No. 2, for Nos. 2 and 2½ holders .....each 1.00

In ordering wrenches, specify style or number of tooth.

# ATKINS SILVER STEEL SAWS

## ATKINS GANG AND RIFT SAWS

SILVER STEEL



### ATKINS SILVER STEEL GANG SAWS

Width Inches	PRICE, PER FOOT								
	8 Gauge	9 Gauge	10 Gauge	11 Gauge	12 Gauge	13 Gauge	14 Gauge	15 Gauge	16 Gauge
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

If swaged only, add 5 cents per foot to list. If fitted for use, add 10 cents per foot to list.

### ATKINS GANG RIFT SAWS

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, 1 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.

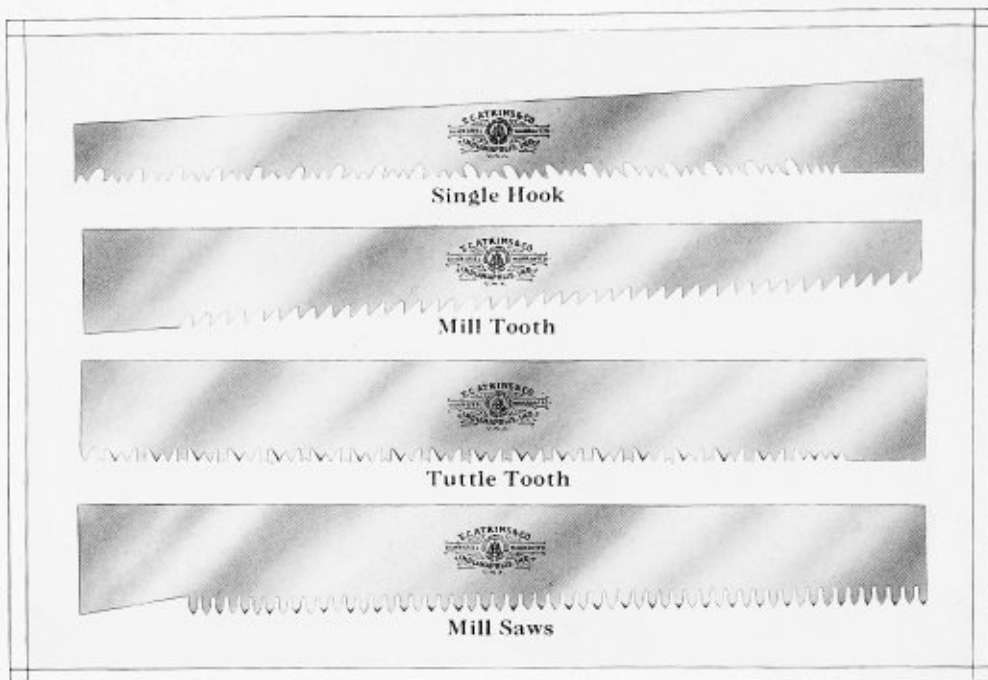
When ordering gang saws give width, length, thickness by gauge, shape and space of teeth, number of teeth in saw and distance from lower end of saw to point of first tooth. When Saws are to be tabbed, exact distance between tabs must be given.

All gang saws are furnished fitted unless otherwise specified.

# ATKINS SILVER STEEL SAWS

## ATKINS DRAG SAWS

SILVER STEEL



Atkins Silver Steel Drag Saws are made in all styles and shapes of teeth to meet every requirement. We guarantee an absolutely uniform temper of the proper degree of hardness, insuring saws which will stand up to their work with the least cost for re-fitting.

Unusual attention is given to grinding and smithing, thereby securing an even thickness on the cutting edge, combined with proper tension to obtain the best results in operation.

### ATKINS BUTTING OR DRAG SAWS

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

Tapered drag saws wider or thicker than above will be figured by the Mill, Mulay and Drag Saw list, using the average width as the basis. If filed and fitted, add to list for 10 gauge and heavier, 30 cents per foot, 11 gauge and thinner, 15 cents per foot. Drag saws filed and set unless otherwise specified.

### ATKINS MILL SAWS, MULAY SAWS, LANCE TOOTH DRAG SAWS AND DRAG SAWS OF EQUAL WIDTH

Width, Inches	PRICE, PER FOOT						
	THICKNESS						
	4 Gauge	5 Gauge	6 Gauge	7 Gauge	8 Gauge	9 Gauge	10 Gauge
16	\$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

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

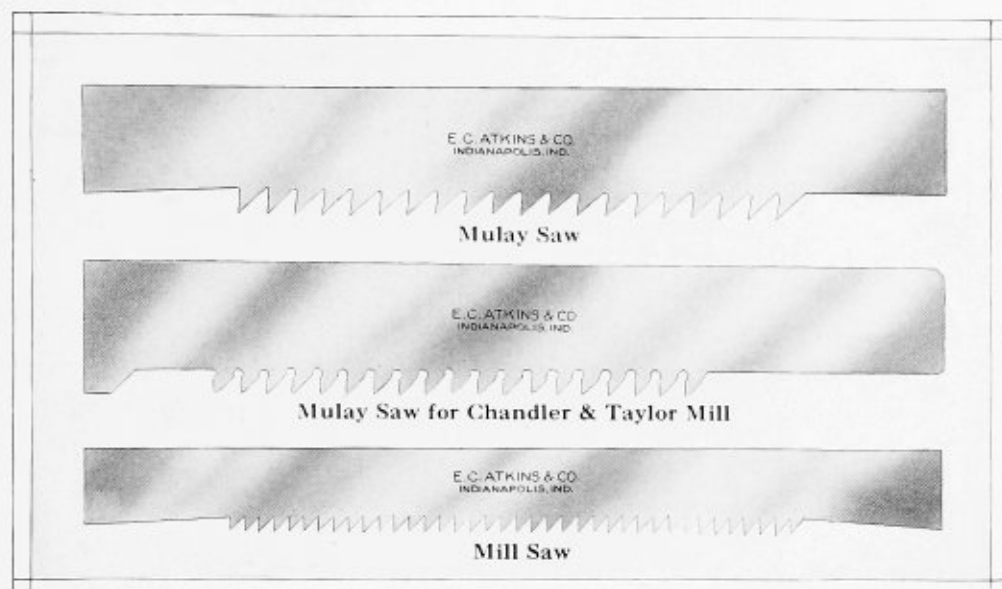
If saws are set and sharpened, add to list price as follows: 5 gauge and thicker, 40 cents per foot. 6 to 10 gauge inclusive, 30 cents per foot.

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.

# ATKINS SILVER STEEL SAWS

## ATKINS MULAY AND MILL SAWS

SILVER STEEL



Extreme care is employed in the making of Atkins Mulay and Mill Saws. Careful workmanship throughout and a correct temper produces saws which will withstand the hardest usage.

In ordering Mill or Mulay Saws, give length, width, gauge and style of tooth required. For various styles of teeth, see illustrations on this and two previous pages.

If ends of saws are to be punched or drilled, send template of holes. Give distance between teeth, measuring accurately from point to point. Unless otherwise specified, all Mulay and Mill Saws will be furnished with standard teeth.

Saws for Chandler & Taylor Mill furnished with special gullet tooth.

### ATKINS MULAY SAWS

Width, Inches	PRICE, PER FOOT						
	4 Gauge	5 Gauge	6 Gauge	7 Gauge	8 Gauge	9 Gauge	10 Gauge
16	\$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

### ATKINS MULAY SAWS FOR THE CHANDLER & TAYLOR SIDE-CUTTING MULAY SAW MILL

Width, Inches	PRICE, PER FOOT						
	4 Gauge	5 Gauge	6 Gauge	7 Gauge	8 Gauge	9 Gauge	10 Gauge
9	\$3.60	\$3.30	\$3.00	\$2.70	\$2.40	\$2.20	\$2.00

### ATKINS MILL SAWS

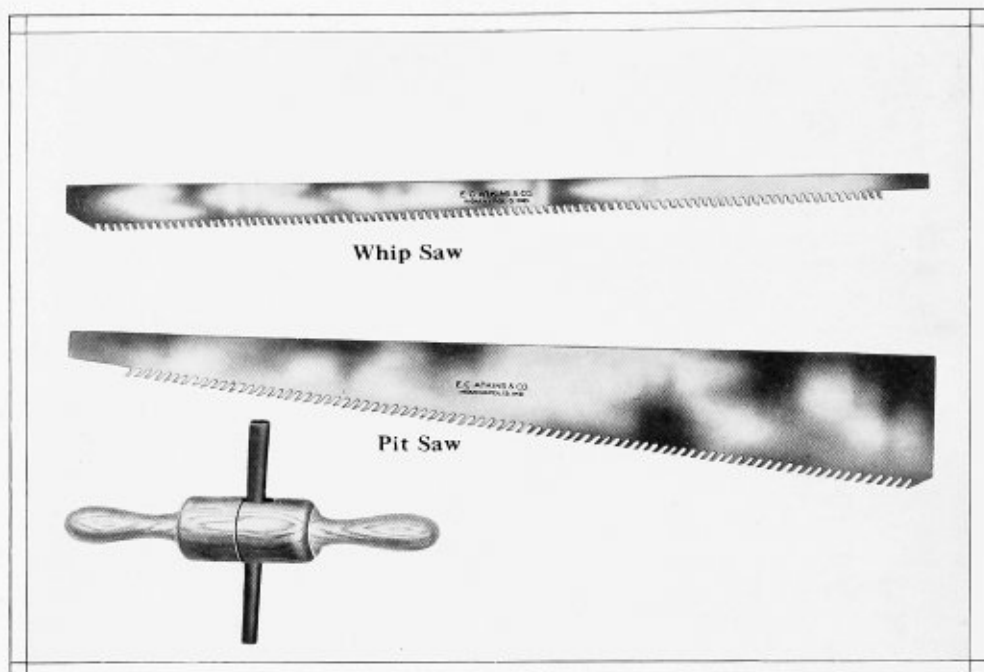
Width, Inches	PRICE, PER FOOT						
	4 Gauge	5 Gauge	6 Gauge	7 Gauge	8 Gauge	9 Gauge	10 Gauge
8	\$3.30	\$3.00	\$2.70	\$2.40	\$2.20	\$2.00	\$1.80

In ordering Mulay and Mill Saws, state length, width, gauge and distance from point to point of teeth.

# ATKINS SILVER STEEL SAWS

## ATKINS WHIP AND PIT SAWS

SILVER STEEL



Whip Saw

Pit Saw

Pit Saw Box

Atkins Whip and Pit Saws are standard the world over. They are given just the proper temper for the use to which they are put, and will be found satisfactory to the highest degree.

Made in all the standard sizes. For general specifications, see list below.

Tiller handles for pit saws, price each \$1.10. Illustrated on page 174.

### ATKINS PIT SAWS

Length, 14x16 gauge .....	feet	5	5½	6	6½	7	7½	8
Price .....	each	\$5.00	\$5.50	\$6.00	\$6.50	\$7.00	\$7.50	\$8.00
Width at point .....	inches	4	4	4	4	4	4	4
Width at butt .....	inches	10	10½	11	11½	12	12½	13

### ATKINS WHIP SAWS

Length.....	feet	5	5½	6	6½	7	7½
Price.....	each	\$3.00	\$3.30	\$3.60	\$3.90	\$4.20	\$4.50
Width at point .....	inches	3¼	3¼	3¼	3¼	3¼	3¼
Width at butt .....	inches	6¼	7	7½	8	8½	9

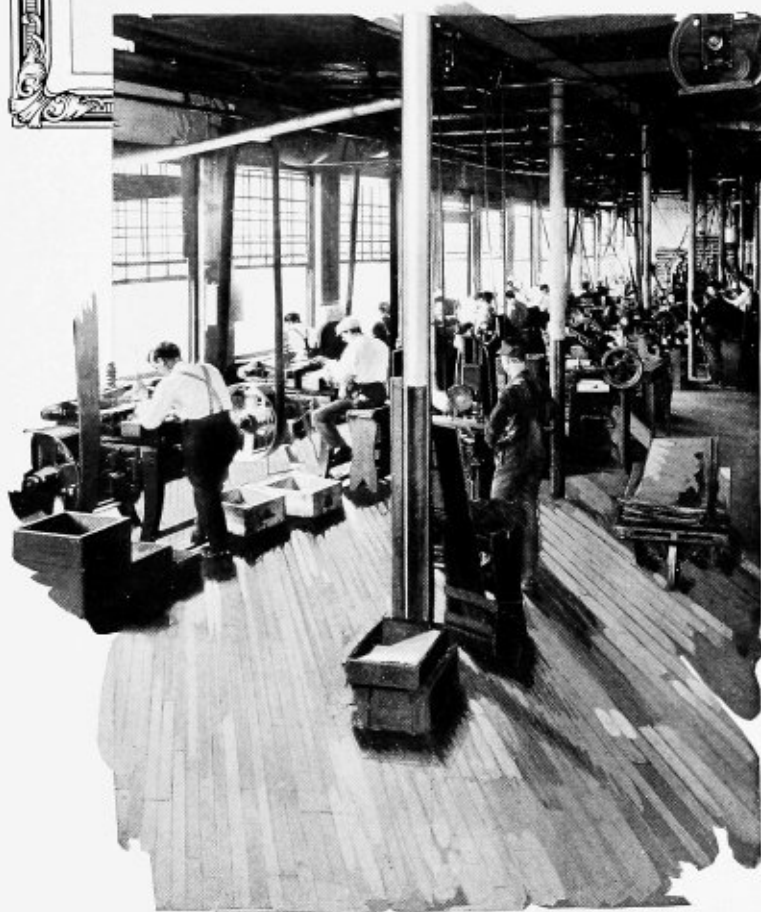
### ATKINS BOXES FOR PIT SAWS

We show above the usual box handle furnished for pit saws. These are made of specially seasoned hardwood, carefully turned, smoothed and finely finished. Prices given below.

Price.....each \$1.00



# ATKINS METAL CUTTING SAWS



# ATKINS SILVER STEEL SAWS

## ATKINS CIRCULAR METAL CUTTING SAWS

### ATKINS CIRCULAR SAWS FOR CUTTING HOT OR COLD METAL AT HIGH SPEED, FRICTION SAWS

Diam. In.	Gauge	Price Each	Diam. In.	Gauge	Price Each	Diam. In.	Gauge	Price Each	Diam. In.	Gauge	Price Each
14	10	\$4.00	24	7	\$10.50	34	5	\$18.50	44	3	\$41.00
16	10	5.00	26	7	12.00	36	5	20.50	46	3	50.00
18	8	6.50	28	6	13.50	38	4	24.00	48	3	60.00
20	8	7.50	30	6	15.50	40	3	29.50	50	3	70.00
22	7	9.00	32	6	17.00	42	3	35.00	..	..	.....

### ATKINS FRICTION DISCS (WITHOUT TEETH) FOR CUTTING HOT OR COLD METAL AT HIGH SPEED

Diam. In.	Gauge	Price Each	Diam. In.	Gauge	Price Each	Diam. In.	Gauge	Price Each	Diam. In.	Gauge	Price Each
14	10	\$3.75	24	7	\$10.25	34	5	\$18.50	44	3	\$36.00
16	10	4.25	26	7	11.50	36	5	20.50	46	3	45.00
18	8	5.50	28	6	13.00	38	4	24.00	48	3	50.00
20	8	7.00	30	6	15.00	40	3	28.00	50	3	60.00
22	7	8.25	32	6	16.00	42	3	32.00	..	..	.....

### ATKINS HOLLOW GROUND CIRCULAR SAWS FOR CUTTING METAL AT SLOW SPEED, MADE OF HIGH SPEED STEEL

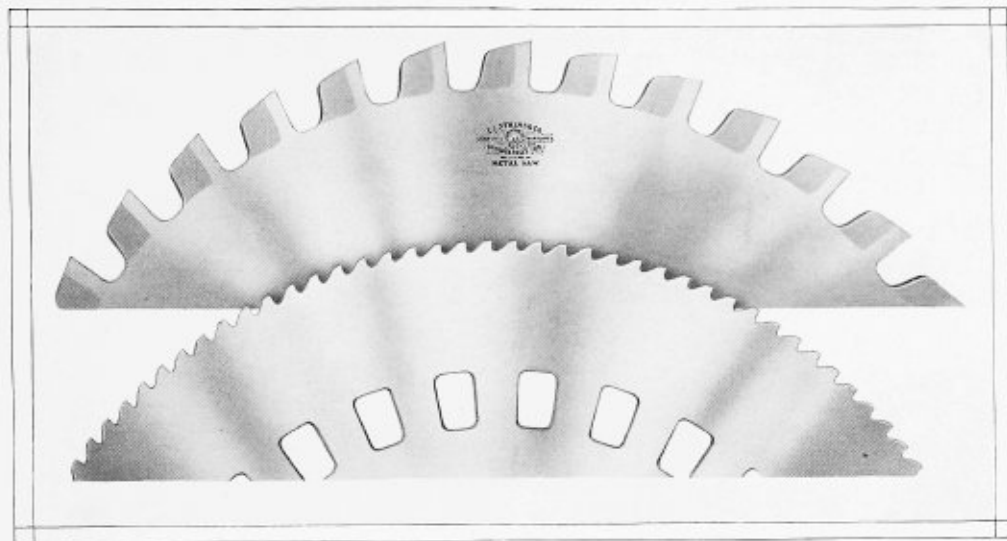
Diam. In.	Size Hole In.	PRICE, EACH													
		THICKNESS, INCHES													
		1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2
2 1/2	3/8	\$3.75	\$3.75	\$3.75	\$4.15	\$4.55	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	1	4.00	4.00	4.00	4.45	4.90	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	1	4.50	4.50	4.50	5.05	5.60	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	1	5.35	5.35	5.35	6.05	6.75	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	1 1/4	.....	.....	6.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	1 1/2	.....	.....	6.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	1	8.00	8.00	8.00	8.90	9.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	1	11.50	11.50	11.50	12.65	13.80	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	1	18.00	18.00	18.00	19.45	20.90	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	1	17.80	17.80	21.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	1 1/4	.....	20.70	22.30	23.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	1 1/4	.....	30.00	30.00	30.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	1 1/4	.....	.....	36.00	36.00	36.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	1 1/4	.....	.....	41.30	41.30	41.30	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	1 1/2	.....	.....	46.60	47.00	47.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1 1/2	.....	.....	.....	51.60	51.60	\$54.90	.....	.....	.....	.....	.....	.....	.....	.....
16	1 1/2	.....	.....	.....	54.90	54.90	61.90	.....	.....	.....	.....	.....	.....	.....	.....
17	1 1/2	.....	.....	.....	58.00	58.00	62.70	.....	.....	.....	.....	.....	.....	.....	.....
18	1 3/4	.....	.....	.....	67.70	74.30	\$79.20	.....	.....	.....	.....	.....	.....	.....	.....
19	1 3/4	.....	.....	.....	70.20	82.70	82.70	.....	.....	.....	.....	.....	.....	.....	.....
20	1 3/4	.....	.....	.....	76.60	84.50	84.50	.....	.....	.....	.....	.....	.....	.....	.....
21	1 3/4	.....	.....	.....	92.20	92.20	92.20	.....	.....	.....	.....	.....	.....	.....	.....
22	2	.....	.....	.....	98.50	99.30	99.30	.....	.....	.....	.....	.....	.....	.....	.....
23	2	.....	.....	.....	114.80	114.80	114.80	.....	.....	.....	.....	.....	.....	.....	.....
24	2	.....	.....	.....	130.20	130.20	\$146.50	.....	.....	.....	.....	.....	.....	.....	.....
25	2	.....	.....	.....	139.80	139.80	158.30	.....	.....	.....	.....	.....	.....	.....	.....
26	2 1/2	.....	.....	.....	153.20	153.20	170.00	.....	.....	.....	.....	.....	.....	.....	.....
27	2 1/2	.....	.....	.....	170.00	170.00	184.30	.....	.....	.....	.....	.....	.....	.....	.....
28	2 1/2	.....	.....	.....	.....	181.50	198.50	\$198.50	.....	.....	.....	.....	.....	.....	.....
30	2 1/2	.....	.....	.....	.....	.....	221.30	222.90	\$226.80	.....	.....	.....	.....	.....	.....
31	2 1/2	.....	.....	.....	.....	.....	.....	237.10	248.00	\$258.30	.....	.....	.....	.....	.....
32	2 1/2	.....	.....	.....	.....	.....	.....	253.00	258.30	267.80	.....	.....	.....	.....	.....
34	2 1/2	.....	.....	.....	.....	.....	.....	.....	309.20	315.00	\$346.50	.....	.....	.....	.....
36	2 1/2	.....	.....	.....	.....	.....	.....	.....	.....	351.30	378.00	\$402.50	.....	.....	.....
38	2 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	409.50	428.00	\$460.00	.....	.....
40	2 1/2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	448.90	478.40	\$506.40	.....
42	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	506.40	550.00	600.00	.....

2 1/2, 3, 4 and 5 inch diameter saws are made 1/2 inch thick. Price, 2 1/2, \$3.75; 3, \$4.00; 4, \$4.50; 5, \$5.35. Intermediate diameter and thickness takes the list of the next larger size.



# ATKINS SILVER STEEL SAWS

## ATKINS CIRCULAR METAL CUTTING SAWS



Blades for Bryant, and Q. & C. Machines have each tooth ground beveling on the rear, for clearance and the blade is hollow ground. Gullets may be regummed when worn down. In ordering, give diameter, thickness, style of machine and class of material to cut. Spacing of teeth if possible, arbor and pin holes. For Higley Machines, state style of machine, class of material to be cut, diameter, thickness and pitch of teeth. Frequent sharpening is advisable in all metal saws to get the best results.

### FOR BRYANT AND Q. & C. MACHINES

Diameter Inches	Thickness Inches	Size of Hole Inches	Style of Machine	Number of Teeth	Price Each	Diameter Inches	Thickness Inches	Size of Hole Inches	Style of Machine	Number of Teeth	Price Each
16	$\frac{3}{8}$	$\frac{7}{8}$	5	31	\$12.55	23 $\frac{1}{2}$	$\frac{1}{4}$	1 $\frac{3}{4}$	2B	44	\$26.70
16	$\frac{3}{8}$	$\frac{7}{8}$	5A	31	12.55	28	$\frac{1}{4}$	1 $\frac{3}{4}$	3B	52	37.50
16	$\frac{3}{8}$	$\frac{7}{8}$	5	31	12.55	28	$\frac{1}{4}$	1 $\frac{3}{4}$	3B	52	38.75
16	$\frac{3}{8}$	$\frac{7}{8}$	5A	31	12.55	31 $\frac{1}{4}$	$\frac{1}{4}$	1 $\frac{3}{4}$	20	58	48.00
20 $\frac{1}{2}$	$\frac{3}{8}$	1 $\frac{1}{4}$	6, 6A, 10	38	20.50	31 $\frac{1}{4}$	$\frac{1}{4}$	1 $\frac{3}{4}$	20	58	49.75
20 $\frac{1}{2}$	$\frac{3}{8}$	1 $\frac{1}{4}$	6, 6A, 10	38	23.30	31 $\frac{1}{4}$	$\frac{1}{4}$	1 $\frac{3}{4}$	4B	58	48.00
20 $\frac{1}{2}$	$\frac{3}{8}$	1 $\frac{1}{4}$	6, 6A, 10	38	25.40	31 $\frac{1}{4}$	$\frac{1}{4}$	1 $\frac{3}{4}$	4B	58	48.00

Special sizes made to order. Milling saws made over at two-thirds the price of new saws. Above list covers saws ground thin towards center. Saw also furnished of same thickness at center and rim, and teeth set to obtain clearance.

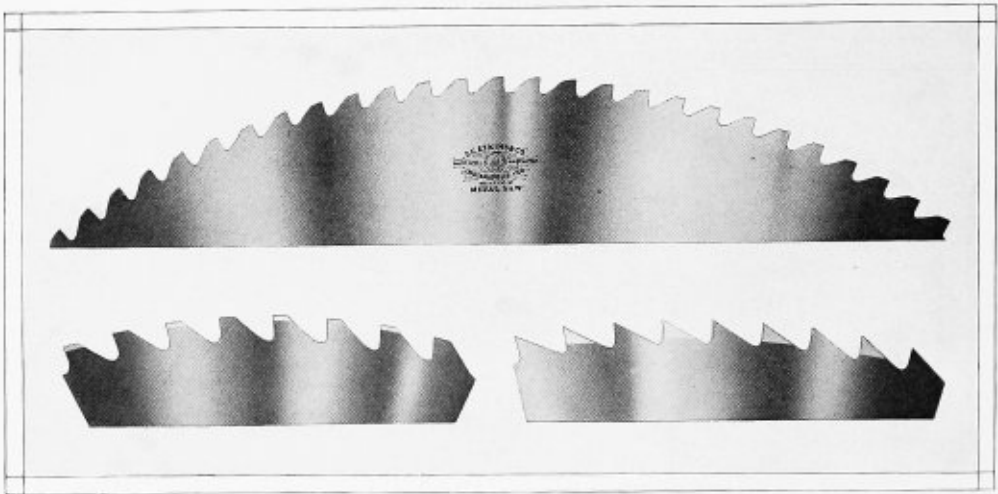
### FOR HIGLEY MACHINES

See Lower Illustration

Diameter Inches	Thickness Inches	Size of Hole Inches	New Style of Machine	Old Style of Machine	Pitch of Teeth Inches	Price, Each	Diameter Inches	Thickness Inches	Size of Hole Inches	New Style of Machine	Old Style of Machine	Pitch of Teeth Inches	Price, Each
12 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{2}$	10	Bench	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$	\$9.50	21	$\frac{3}{16}$	14	17	.....	1 $\frac{1}{4}$ , 3 $\frac{1}{8}$ , 7 $\frac{1}{8}$	\$20.50
13	$\frac{1}{8}$	$\frac{1}{2}$	11	.....	5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	9.50	26	$\frac{3}{16}$	14	17	26-in. Cambria	1 $\frac{1}{4}$ , 3 $\frac{1}{8}$ , 7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	28.00
13	$\frac{1}{8}$	$\frac{1}{2}$	.....	5	5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	10.55	26	$\frac{1}{4}$	11	19	1	3 $\frac{1}{8}$ , 7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	28.00
13	$\frac{1}{8}$	$\frac{1}{2}$	11	.....	5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	10.90	26	$\frac{1}{4}$	11	19	1	3 $\frac{1}{8}$ , 7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	32.00
14	$\frac{1}{8}$	$\frac{1}{2}$	11 $\frac{1}{2}$	.....	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	10.90	28	$\frac{3}{16}$	11	.....	1	3 $\frac{1}{8}$ , 7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	35.00
15	$\frac{1}{8}$	$\frac{1}{2}$	12	.....	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	12.15	28	$\frac{3}{16}$	11	25	.....	5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	35.00
16	$\frac{1}{8}$	$\frac{1}{2}$	13	3	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	12.55	30	$\frac{3}{16}$	11	.....	1	3 $\frac{1}{8}$ , 7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	40.00
17 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{2}$	30	.....	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	15.25	31	$\frac{1}{4}$	11	18	7	3 $\frac{1}{8}$ , 7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	48.00
18	$\frac{1}{8}$	$\frac{1}{2}$	14	12	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	14.75	31	$\frac{1}{4}$	11	20	11 $\frac{1}{2}$	3 $\frac{1}{8}$ , 7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	48.00
18	$\frac{1}{8}$	$\frac{1}{2}$	14	2	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	15.25	31	$\frac{1}{4}$	11	21	9	3 $\frac{1}{8}$ , 7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	48.00
18	$\frac{1}{8}$	$\frac{1}{2}$	14	12	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	16.25	33	$\frac{1}{4}$	11	26	.....	3 $\frac{1}{8}$ , 7 $\frac{1}{8}$	55.00
18 $\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{2}$	14	12	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	19.30	36	$\frac{3}{16}$	11	21	.....	7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 5 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	65.50
20	$\frac{3}{16}$	$\frac{1}{2}$	15	8	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	18.10	36	$\frac{1}{4}$	11	21	.....	7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 5 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	71.50
20	$\frac{3}{16}$	$\frac{1}{2}$	16	20-in. Cambria	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	18.10	40	$\frac{3}{16}$	11	22	.....	7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 5 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	105.50
20	$\frac{3}{16}$	$\frac{1}{2}$	16	20-in. Cambria	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	19.30	40	$\frac{1}{4}$	11	22	.....	7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 5 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	111.50
20	$\frac{3}{16}$	$\frac{1}{2}$	31	.....	1 $\frac{1}{4}$ , 5 $\frac{1}{8}$ , 3 $\frac{3}{8}$ , 7 $\frac{1}{8}$ , 1 $\frac{1}{2}$	18.10	50	$\frac{1}{2}$	11	24	.....	7 $\frac{1}{8}$ , 9 $\frac{1}{8}$ , 5 $\frac{1}{8}$ , 3 $\frac{1}{4}$ , 7 $\frac{1}{8}$	206.50

# ATKINS SILVER STEEL SAWS

## ATKINS CIRCULAR METAL CUTTING SAWS FOR CUTTING METAL AT SLOW SPEED



### ATKINS METAL SLITTING SAWS

Diam. In.	Thick. In.	Size of Hole In.	List Price	Diam. In.	Thick. In.	Size of Hole In.	List Price	Diam. In.	Thick. In.	Size of Hole In.	List Price	Diam. In.	Thick. In.	Size of Hole In.	List Price
2 1/2	3/32	7/8	\$1.15	3	3/32	1	\$1.50	4	3/16	1 1/8	\$1.90	6	3/32	1	\$2.54
2 1/2	5/64	7/8	1.20	3	1/8	1	1.55	5	1/16	1	1.90	6	1/8	1	2.65
2 1/2	3/32	7/8	1.25	3	1/32	1	1.65	5	3/32	1	2.05	6	3/16	1 1/2	2.95
2 1/2	1/16	7/8	1.35	4	1/32	1	1.50	5	1/8	1	2.15	6	3/16	1	2.95
2 1/2	5/32	7/8	1.40	4	5/64	1	1.55	5	1/8	1 1/4	2.15	7	1/16	1	3.00
2 1/2	3/32	7/8	1.50	4	1/16	1	1.60	5	1/8	1 1/2	2.15	7	3/32	1	3.25
3	1		1.30	4	3/32	1	1.70	5	3/32	1	2.30	7	1/8	1	3.40
3	5/64	1	1.35	4	1/8	1	1.75	5	3/16	1	2.40	..	..	..	..
3	1/16	1	1.40	4	3/32	1	1.85	6	1/16	1	2.35	..	..	..	..

### ATKINS CIRCULAR MILLING SAWS

Diam. In.	THICKNESS		Size of Hole Inches	Price Each	Extra for Each Additional Gauge Heavier	Diam. In.	THICKNESS		Size of Hole Inches	Price Each	Extra for Each Additional Gauge Heavier
	Inch	Gauge					Inch	Gauge			
8	1/16	16	1	\$4.00	.12	34	1/4	3	2 1/2	\$55.00	\$2.00
9	5/64	14	1	5.00	.15	36	1/4	3	2 1/2	62.50	3.00
10	5/64	14	1 1/4	6.50	.20	38	3/32	2	2 1/2	78.00	4.00
12	3/32	13	1 1/4	8.00	.25	40	3/32	2	2 1/2	95.00	5.50
14	1/8	11	1 1/2	9.50	.35	42	5/16	0	3	105.00	7.00
16	5/64	9	1 1/2	11.75	.40	44	5/16	0	3	115.00	9.00
18	3/32	8	1 3/4	14.75	.50	46	5/16	0	3	125.00	11.00
20	5/32	8	1 3/4	17.50	.60	48	5/16	0	3	140.00	13.00
22	3/16	7	2	20.50	.70	50	3/8	0	3	160.00	15.50
24	3/16	7	2	23.50	.80	52	3/8	0	3	180.00	18.00
26	3/16	7	2 1/2	28.00	1.00	54	3/8	0	3	200.00	20.00
28	1/8	5	2 1/2	35.00	1.25	56	3/8	0	3	220.00	22.00
30	3/32	5	2 1/2	40.00	1.40	58	7/16	0	3	250.00	25.00
32	1/4	3	2 1/2	48.00	1.75	60	7/16	0	3	275.00	28.00

#### PITCH OF TEETH

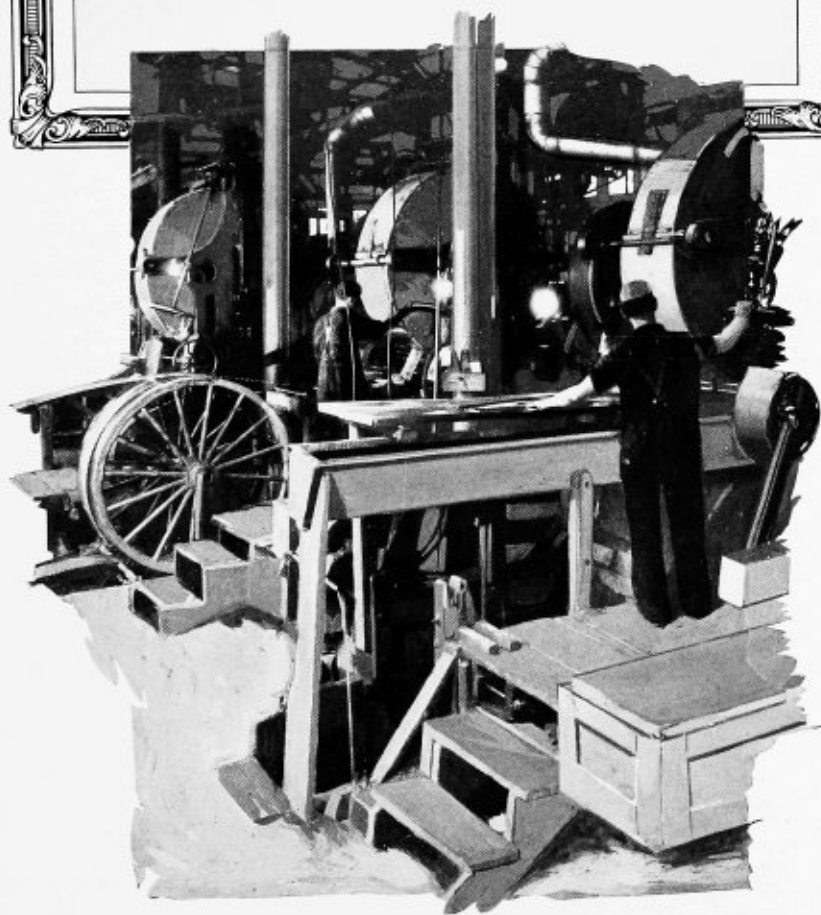
Diam. In.	Points to Inch	Dist. Pt. to Pt.	Diameter	Dist. Pt. to Pt.	Diameter	Dist. Pt. to Pt.
8 and 9	5, 6, 7, 8	.....	14	1/4, 5/16, 3/8	24 to 32	3/8, 7/16, 9/16, 5/8
10	4, 5, 6, 7	.....	16, 18, 20	5/16, 3/8, 7/16	34 to 36	7/16, 1/2, 3/4
12	.....	1/8, 3/16, 1/4, 5/16	22	3/8, 7/16, 9/16	38 to 48	1/2, 5/8, 3/4, 7/8
					50 to 60	5/8, 3/4, 7/8, 1

Milling saws made over at two-thirds price of new saws. Special sizes made to order. The above list covers cost of saws ground thin towards the center for clearance. Saws of this pattern also furnished same thickness at center and rim, and teeth set to obtain clearance in cut, if desired.

Specify on your order diameter and thickness, also size of arbor hole, size and position of pin holes, pitch of teeth and diameter of mandrel collars. We manufacture saws for all makes of machines.

AAA

# ATKINS BAND SAWS



## ATKINS BAND SAWS

### SILVER STEEL

E. C. Atkins & Co. are the oldest manufacturers of band saws in the United States. This would mean nothing unless we had taken advantage of our increased experience and constantly improved the standard of our product. If "practice makes perfect," then we should know most about the manufacture of band saws. We use a formula for band saw steel which is giving far better results than the users or makers of band saws have ever anticipated. By actual test, (which is indisputable evidence), it is the finest saw steel that has ever been used in band saws.

An analysis is made in the laboratory, and the heat treatment prescribed, based upon the character of the work which the saw is to perform. Our knowledge in this regard has been acquired through our many years' experience in manufacturing band saws for all classes of work.

Our equipment for the tempering of band saws was invented by us and is exclusive. By its use, we are able to impart an exactly uniform temper throughout the entire blade. There are no hard nor soft spots. Each part of the blade is of exactly the same degree of toughness.

This heat treatment renders Silver Steel exceedingly pliable, at the same time, firm and tenacious, with no liability of cracking or losing teeth or points, and having the quality of holding its cutting edge and tension under forced feed and most trying conditions.

Special machinery is used in grinding, whereby we are able to secure uniform gauge over the entire width of the blade. In this process we employ ponderous machinery that has been invented by ourselves, the use of which adds to the perfect operation of the finished blade.

We feel justly proud of the manner in which our tensioning and levelling is done. In this department we employ none but the most skilled mechanics who are required to serve a number of years as apprentices before they are intrusted with the regular work.

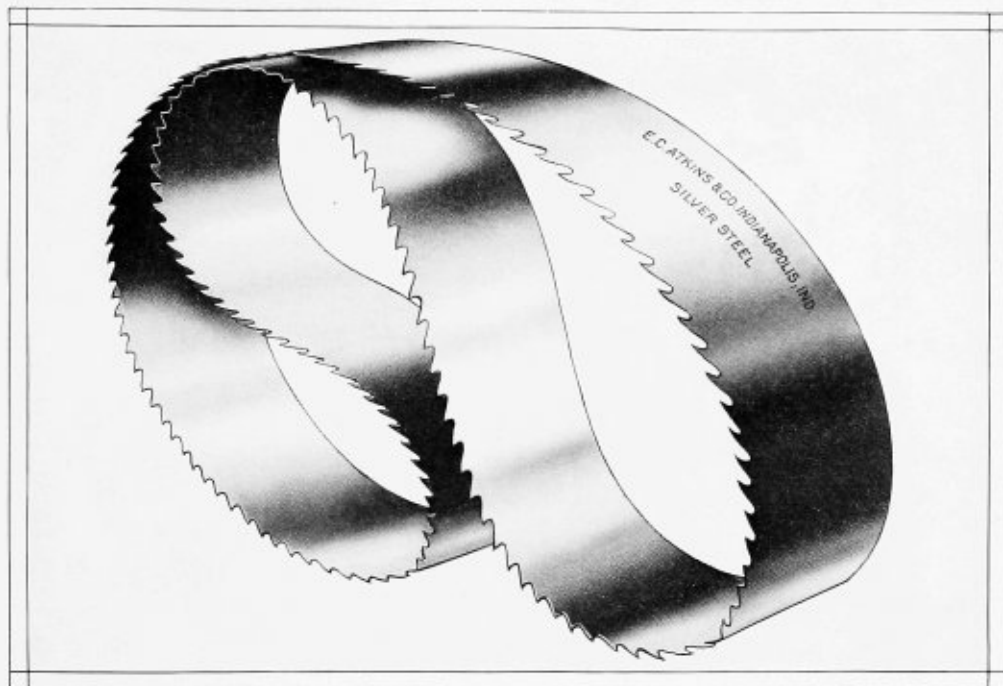
So perfectly are Atkins Silver Steel Band Saws finished that they may be safely taken from the crate and merely inspected for shipping mishaps, and placed immediately upon the wheels, if we know your requirements. This is a feature that will be appreciated, as it means a great saving of both time and labor.

Every Atkins Silver Steel Saw is covered by an absolute guarantee against imperfections.

# ATKINS SILVER STEEL SAWS

## ATKINS WIDE BAND SAWS

SILVER STEEL



Width Inches	Usual Gauge	Weight Per Foot Lbs. Not Packed	Price Per Foot	Width Inches	Usual Gauge	Weight Per Foot Lbs. Not Packed	Price Per Foot	Width Inches	Usual Gauge	Weight Per Foot Lbs. Not Packed	Price Per Foot
2	18 to 20	.28	\$ .80	5½	17 to 19	.89	\$2.20	12	13 to 15	3.37	\$5.00
2½	18 to 20	.35	1.00	6	17 to 19	1.06	2.40	13	13 to 15	3.65	6.00
3	18 to 20	.42	1.20	7	16 to 18	1.37	2.80	14	13 to 15	4.50	7.00
3½	18 to 20	.50	1.40	8	14 to 16	1.76	3.20	15	12 to 14	4.82	8.50
4	17 to 19	.57	1.60	9	14 to 16	2.20	3.60	16	12 to 14	5.92	10.00
4½	17 to 19	.64	1.80	10	14 to 16	2.81	4.00	17	12 to 14	6.29	14.00
5	17 to 19	.83	2.00	11	14 to 16	3.09	4.50	18	12 to 14	6.66	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.

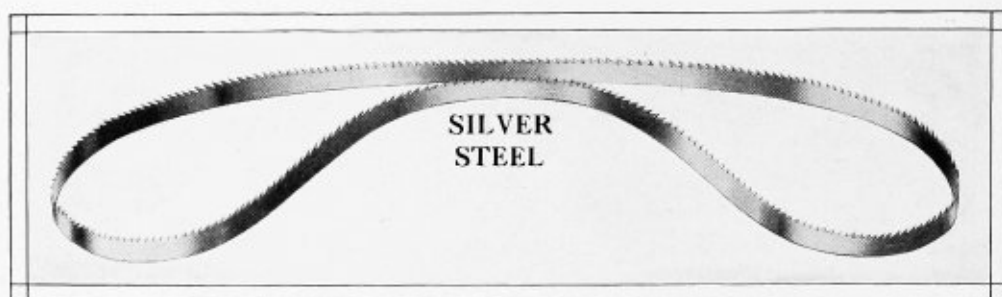
Band Saw Blanks. Bright, of any width, furnished to order but not warranted.

### REVISED TABLE OF STRAINS SUITED TO DIFFERENT WIDTHS AND GAUGES OF BAND SAW BLADES

Gauge	Thickness Inches	POUNDS										
		WIDTH, INCHES										
		2½	3	3½	4	4½	5	6	7	8	10	12
21 and less	1/10 to 1/8	800	900	1050	1200	1300	1400	1600	.....	.....	.....	.....
19 and 20	3/16 to 1/4	1000	1200	1400	1500	1700	1900	2200	2500	.....	.....	.....
19 Tight and 18	1/8 to 3/16	.....	.....	1700	1900	2100	2300	2600	3000	3300	.....	.....
17	5/16	.....	.....	.....	2300	2500	2700	3200	3600	4000	4800	.....
16	3/8	.....	.....	.....	.....	.....	3000	3500	4000	4500	5200	.....
15	7/16	.....	.....	.....	.....	.....	.....	4000	4500	5000	6000	7500
14	1/2	.....	.....	.....	.....	.....	.....	.....	5500	6000	7500	9000

# ATKINS SILVER STEEL SAWS

## ATKINS BAND SAWS NARROW



### FOR RE-SAWING AND SCROLL SAWING

NOTE—These saws are not joined, set and filed unless so ordered.

Width Inches	Standard Gauge	Standard Points per Inch	Weight per 100 Feet Pounds	Price per Foot	Width Inches	Standard Gauge	Standard Points per Inch	Weight per 100 Feet Pounds	Price per Foot
$\frac{1}{8}$	23	8	1.05	\$ .07	$\frac{7}{8}$	21	4	9.39	\$ .17
$\frac{3}{16}$	23	7	1.57	.08	1	20	$3\frac{1}{2}$	11.75	.19
$\frac{1}{4}$	22	6	2.35	.09	$1\frac{1}{8}$	20	$3\frac{1}{2}$	13.16	.21
$\frac{3}{8}$	22	$5\frac{1}{2}$	3.52	.10	$1\frac{1}{4}$	20	$3\frac{1}{2}$	14.71	.23
$\frac{1}{2}$	21	5	5.36	.11	$1\frac{3}{8}$	20	3	16.08	.26
$\frac{5}{8}$	21	$4\frac{1}{2}$	6.70	.13	$1\frac{1}{2}$	20	3	17.63	.29
$\frac{3}{4}$	21	4	8.05	.15	$1\frac{3}{4}$	20	3	20.57	.32

Above prices as given do not include joining, setting or filing.

Filing and setting 4 cents per foot extra.

Narrow band saws with beveled backs, advance list 50 per cent for first gauge and 10 per cent for each additional gauge.

For band saws with knife edge, add 10 cents per foot to list. We make a specialty of band saws in coils, any length desired.

### BRAZING

Width of Saw	Per Braze	Width of Saw	Per Braze
$\frac{1}{4}$ to $\frac{1}{2}$ inch	\$.40	$1\frac{3}{4}$ inch	\$.90
$\frac{5}{8}$ to $\frac{7}{8}$ inch	.50	2 inch	1.00
1 to $1\frac{1}{4}$ inch	.60	$2\frac{1}{2}$ inch	1.25
$1\frac{3}{8}$ to $1\frac{1}{2}$ inch	.80		

### SPECIAL BAND SAWS

Band saws for cutting bone, ivory, fibre, meat, brass and other soft metals; also "B" tooth metal band saws for cutting thin metals as above and thin iron and steel such as sheeting, etc., increase narrow band list 25 per cent.

### APPROXIMATE WEIGHTS OF ENDLESS RUBBER BANDS FOR BAND SAW WHEELS

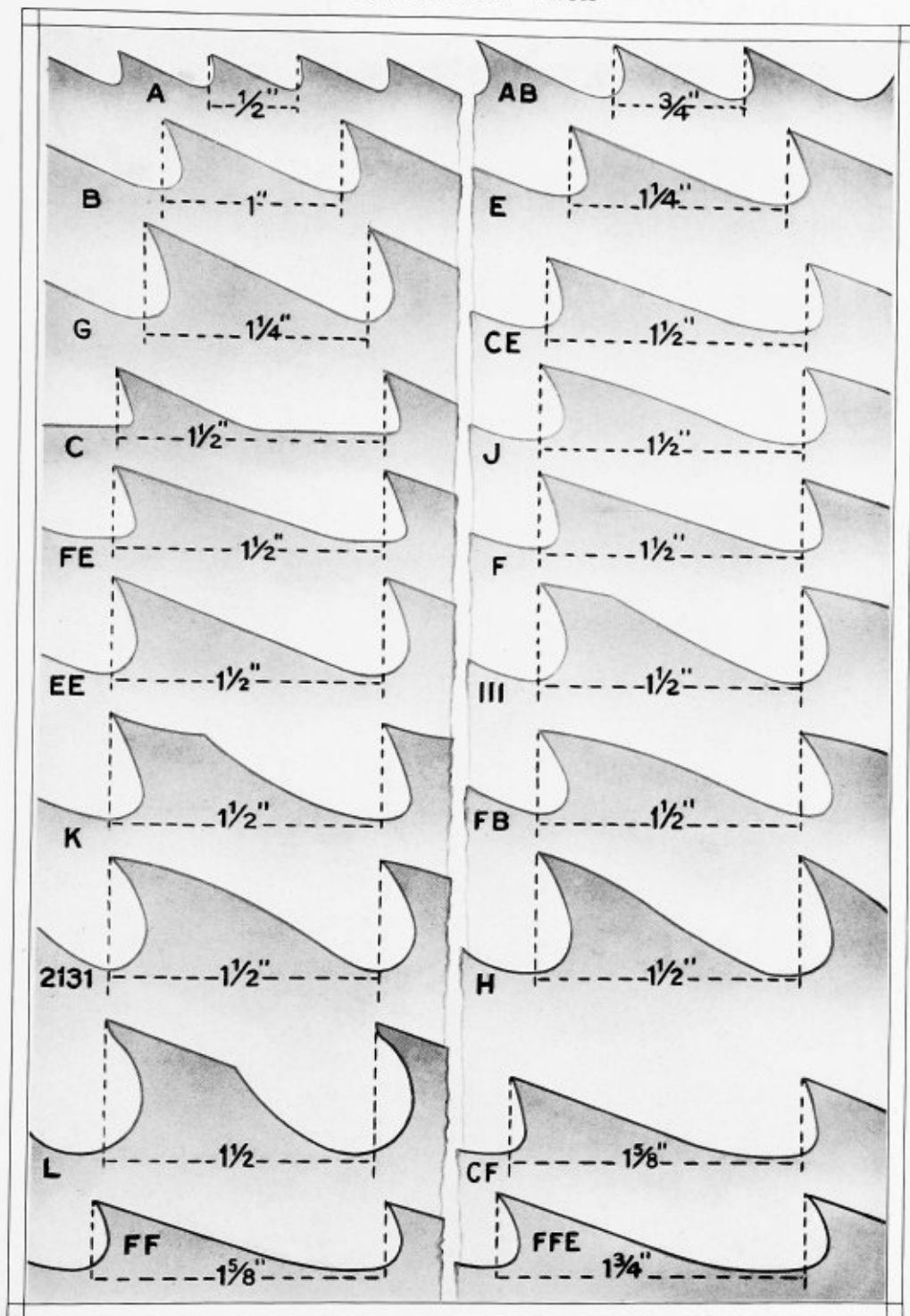
Diameter of Wheels Inches	Width Inches	Pounds	Ounces	Diameter of Wheels Inches	Width Inches	Pounds	Ounces	Diameter of Wheels Inches	Width Inches	Pounds	Ounces
22	$1\frac{1}{2}$	1	4	26	2	1	14	36	$2\frac{1}{4}$	2	11
24	$1\frac{1}{2}$	1	6	28	2	2	0	38	$2\frac{1}{4}$	2	13
26	$1\frac{1}{2}$	1	8	30	2	2	2	40	$2\frac{1}{4}$	2	15
28	$1\frac{1}{2}$	1	10	32	2	2	4	42	$2\frac{1}{4}$	3	1
30	$1\frac{1}{2}$	1	12	34	2	2	6	30	$2\frac{1}{2}$	2	8
24	$1\frac{3}{4}$	1	9	36	2	2	8	32	$2\frac{1}{2}$	2	10
26	$1\frac{3}{4}$	1	11	38	2	2	10	34	$2\frac{1}{2}$	2	12
28	$1\frac{3}{4}$	1	13	40	2	2	12	36	$2\frac{1}{2}$	2	14
30	$1\frac{3}{4}$	1	15	30	$2\frac{1}{4}$	2	5	38	$2\frac{1}{2}$	3	0
32	$1\frac{3}{4}$	2	1	32	$2\frac{1}{4}$	2	7	40	$2\frac{1}{2}$	3	2
34	$1\frac{3}{4}$	2	3	34	$2\frac{1}{4}$	2	9	42	$2\frac{1}{2}$	3	4
36	$1\frac{3}{4}$	2	5	....	....	....	....	....	....	....	....

Above table is based on bands  $\frac{1}{8}$  inch thick, which is the standard. For  $\frac{1}{4}$  inch thick add one-third. These weights are approximate and are subject to a slight variation.

Prices quoted on application.

# ATKINS SILVER STEEL SAWS

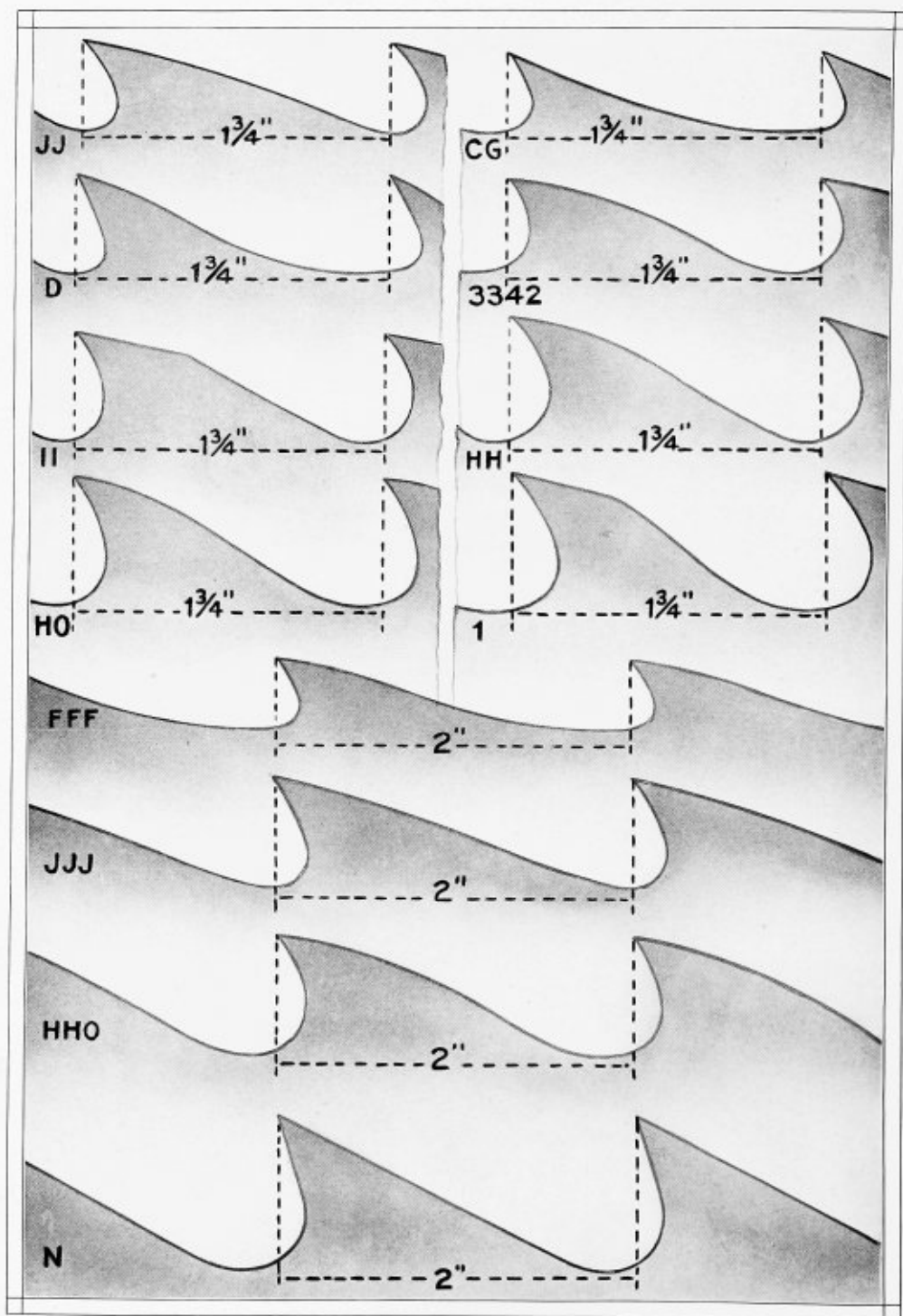
## ATKINS SILVER STEEL BAND SAWS PATTERNS OF TEETH



If any of the patterns shown above are desired, kindly refer to "letter" designating style of tooth.

# ATKINS SILVER STEEL SAWS

## ATKINS SILVER STEEL BAND SAWS PATTERNS OF TEETH

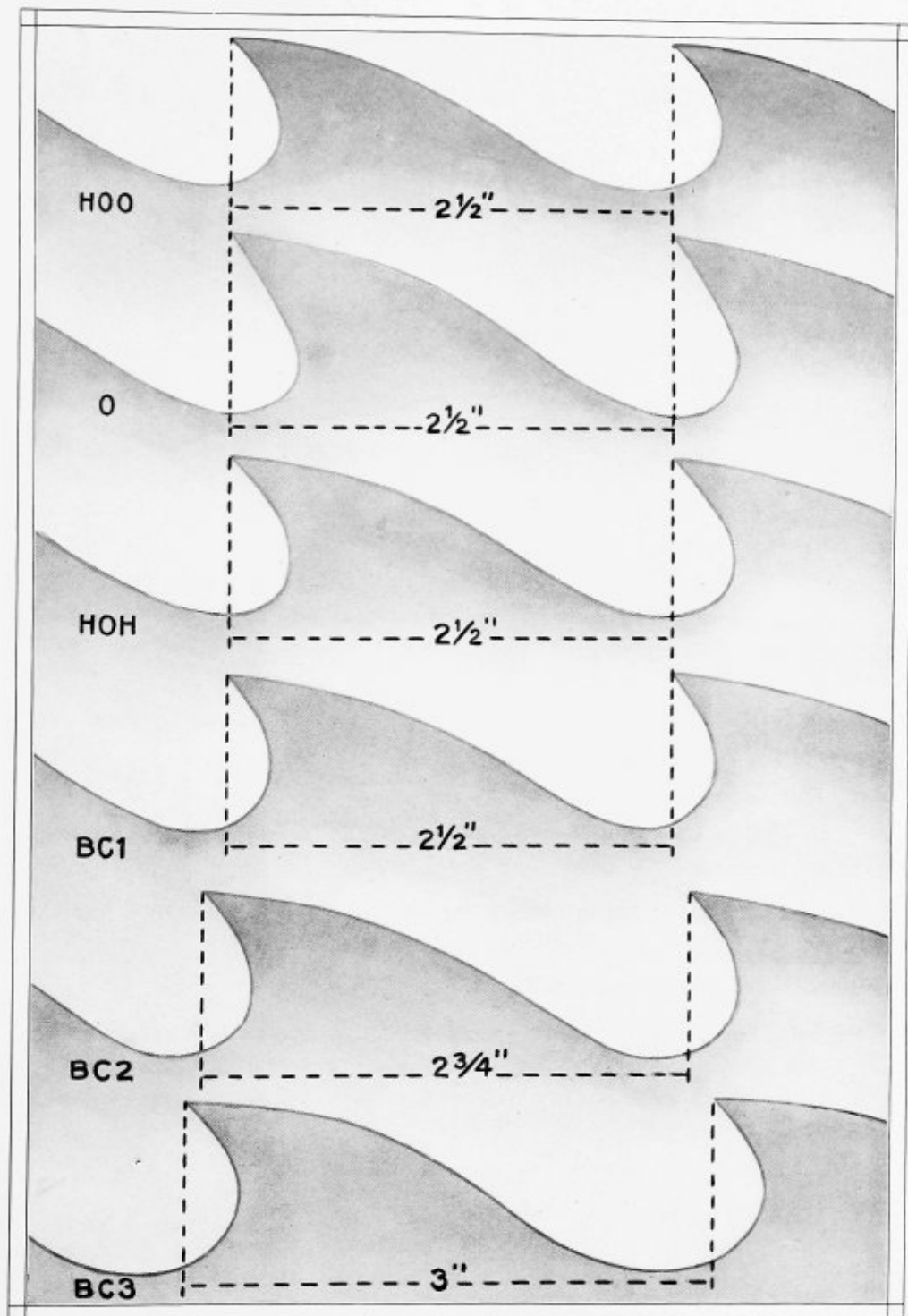


If any of the patterns shown above are desired, kindly refer to "letter" designating style of tooth.



# ATKINS *SILVER STEEL* SAWS

## ATKINS SILVER STEEL BAND SAWS PATTERNS OF TEETH



If any of the patterns shown above are desired, kindly refer to "letter" designating style of tooth.

## REPAIRING

We make a specialty of all kinds of repair work. This branch of our business has assumed large proportions.

With improved machinery and appliances, expert workmen, careful attention to details and prompt return of work, we are prepared to guarantee the best service and perfect satisfaction.

We have established fully equipped Repair Departments at our main plant in Indianapolis, at our Canadian factory, Hamilton, Ont., also in connection with our branch houses at Memphis, Atlanta, New Orleans, Minneapolis, Portland, Seattle and Vancouver, B. C.

At each of these points, we have selected experts direct from our factory and have installed facilities for doing all classes of repair work to the best possible advantage. At Indianapolis and Memphis, we are prepared to resteel cylinder saws. Special attention is given to refitting segment veneer saws.

In forwarding saws for repair, you will facilitate matters, by adhering closely to the following instructions:

- (1) Mark *our* name and address plainly on the package.
- (2) See that *your* name, postoffice address and shipping address, if different, is plainly marked on the outside of the package for identification.
- (3) Advise us by mail of shipment, giving full instructions as to the work which you wish to have done.

Breakage in repairing is at owner's risk.

Full information as to the cost for repairing will be found on the next two following pages.

# ATKINS SILVER STEEL SAWS

## REPAIRING ATKINS SOLID TOOTH CIRCULAR SAWS

Diameter Inches	Hammering Only	Gumming and Hammering	Cutting-down Retooling and Hammering	Grinding First Gauge	Grinding Additional Gauges Each Gauge
4	\$ .30	\$ .45	\$ .60	\$ .55	\$ .25
5	.35	.50	.65	.60	.30
6	.45	.55	.75	.65	.35
7	.50	.65	.85	.75	.45
8	.55	.75	1.00	.85	.55
9	.65	.85	1.15	.95	.65
10	.75	1.00	1.30	1.05	.75
12	.90	1.35	1.60	1.15	.85
14	1.05	1.60	1.90	1.35	1.00
16	1.20	1.80	2.20	1.60	1.15
18	1.45	2.10	2.55	1.95	1.30
20	1.65	2.50	2.95	2.20	1.45
22	1.90	2.85	3.30	2.40	1.60
24	2.10	3.25	3.70	2.70	1.75
26	2.40	3.70	4.20	3.00	1.90
28	2.70	4.15	4.75	3.40	2.05
30	3.00	4.60	5.35	3.75	2.20
32	3.30	5.05	6.00	4.15	2.35
34	3.70	5.55	6.90	4.50	2.55
36	4.30	6.15	7.80	4.90	2.80
38	4.80	7.00	9.00	5.25	3.00
40	5.55	8.05	10.20	5.65	3.30
42	6.30	9.15	11.55	6.00	3.60
44	7.05	10.35	13.05	6.45	4.05
46	7.95	11.80	14.70	7.00	4.50
48	8.85	13.20	16.50	7.60	4.95
50	9.75	14.65	18.40	8.25	5.40
52	10.65	16.05	20.25	9.00	5.95
54	11.55	17.55	22.15	9.90	6.30
56	12.45	19.05	24.00	10.90	6.75
58	13.50	20.70	25.90	12.00	7.20
60	14.70	22.50	27.75	13.20	7.75
62	15.90	24.30	30.40	14.40	8.25
64	17.10	26.10	33.00	15.60	8.85
66	18.30	27.90	35.65	16.80	9.45
68	19.50	29.70	38.25	18.00	10.15
70	20.70	31.50	40.90	19.50	11.05
72	21.90	33.30	43.50	21.00	12.00
74	23.10	35.10	46.15	22.50	13.15

In sending us saws for repairs, mark our address in full upon the package; also give address of party sending it and what station and state shipped from, so that we can identify on arrival.

### ATKINS TAPER GROUND SHINGLE, HEADING AND RE-SAWS

Size.....inches	46 and under	48 and over
Hammered, per inch in diameter.....	\$ .20	\$ .25
Gummed and hammered, per inch in diameter.....	.28	.38
Retooled and hammered, per inch in diameter.....	.38	.50
Grinding first gauge, per inch in diameter.....	.08	.10
Grinding additional gauges, per inch in diameter.....	.05	.08

# ATKINS SILVER STEEL SAWS

## REPAIRING BURNED SAWS

The temper of burned saws can generally be restored. We make a specialty of this class of work, and rarely fail to make such saws as good as new. We undertake the work at the owner's risk, though no charge will be made by us in case of failure. Please prepay freight on all such saws.

### RE-TEMPERING AND RE-FITTING BURNED SOLID TOOTH CIRCULAR SAWS

(Including Tempering, Grinding, Polishing, Gumming and Hammering.)

Size Inches	Price Each	Size Inches	Price Each	Size Inches	Price Each
30	\$14.00	44	\$36.65	58	\$ 90.00
32	16.00	46	43.35	60	100.00
34	18.10	48	50.00	62	113.35
36	20.65	50	56.65	64	126.65
38	23.35	52	63.35	66	140.00
40	27.35	54	70.00	68	156.65
42	31.35	56	80.00	70	176.65

All sizes under 30 inches, two-thirds list price of circular saws.

Prices for re-tempering chisel bit saws quoted on application.

### REPAIRING LONG SAWS, CROSS CUT AND BAND SAWS

#### MILL, MULAY AND EQUAL WIDTH DRAG SAWS

Length.....	feet	To 5	Over 5
Re-toothing and hammering.....	each	\$1.50	\$2.00
Hammering only.....	each	1.00	1.50

#### TAPER DRAG SAWS

Re-toothing, hammering and filing.....	each	\$2.00
Hammering only.....	each	1.00
Setting and sharpening only.....	each	1.00
Re-toothing and hammering only.....	each	1.50

#### CROSS CUT SAWS

Hammering.....	each	\$ .70
Gumming and hammering.....	each	1.00
Gumming, hammering and filing.....	each	1.50
Re-toothing, hammering and filing.....	each	2.00
Setting and sharpening only.....	each	.70
Skimming and polishing.....	each	.50

#### BAND SAW BLADES

##### Large

Brazing wide blade for log mill.....	per inch in width	\$ .50
Hammering.....	per foot per inch in width	.05
Gumming and toothing.....	per running foot	.08
Filing and swaging.....	per running foot	.08

#### NARROW BAND SAWS

Filing and setting, \$ .06 per foot.

##### Brazing

1/4 inch to 1/2 inch.....	per braze	\$ .60
5/8 inch to 7/8 inch.....	per braze	.75
1 inch to 1 1/4 inch.....	per braze	.90
1 3/8 inch to 1 1/2 inch.....	per braze	1.20
1 3/4 inch.....	per braze	1.35

Cylinder saws repaired and re-steeld. Satisfaction guaranteed.

# ATKINS SILVER STEEL SAWS

## ATKINS BILGE AND BARREL STAVE SAWS



Bilge Saw



Barrel Saw

### SILVER STEEL

We manufacture barrel and bilge saws according to any specifications, for use on any and all types and makes of stave machines. We invite a careful investigation. In view of the fact that there is such a decided variation in the saws used on the different makes of machines, it is impractical to list them.

We will, therefore, be pleased to supply detailed information and quotations upon request.

Atkins Barrel and Bilge Saws are made of unusually heavy gauge which more than doubles the strength and life of the saw. The standard for 24 to 26 inch is 12 and 11 gauge. They are balanced perfectly without counter weights which are apt to become loosened and throw the saw out of balance.

Atkins Bilge Saws are finished the same gauge throughout. This is an important feature as the ordinary bilge saw with the usual methods of manufacture becomes thinner at its widest diameter.

In ordering barrel or bilge saws give the name of the machine in use, the length between journals, the size of journal, the diameter, gauge of steel and state if special tooth is desired.

### ATKINS BILGE SAWS

Bilge saws made to order. Prices quoted on receipt of specifications. Re-steeling bilge saws, list \$60.00. Price for re-steeling includes all ordinary truing and balancing.

### ATKINS BARREL STAVE SAWS

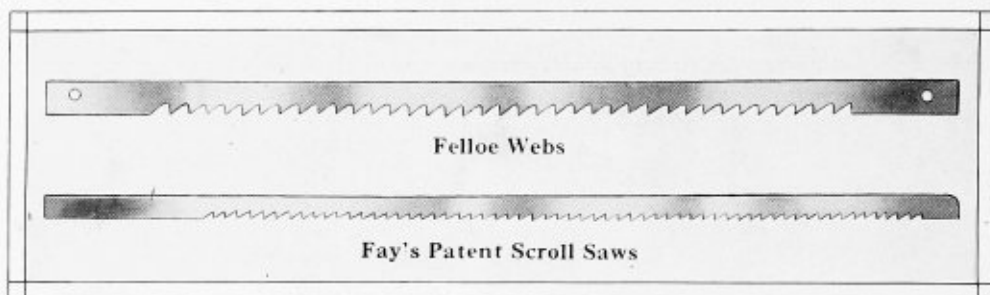
We manufacture cylinder saws, complete, comprising cylinder, steel, head and arbor. Every saw fully warranted. Prices quoted on application.

### PRICES FOR RE-STEELING ATKINS STRAIGHT DRUM CYLINDER SAWS

Diameter.....inches	6	7	8	9	10	11	12	13
Length of steel.....inches	6	6	6	6	6	6	6	6
Price.....each	\$26.00	\$27.00	\$28.00	\$30.00	\$32.00	\$34.00	\$37.00	\$40.00
Diameter.....inches	14	15	16	18	20	22	24	26
Length of steel.....inches	6	6	6	8	8	9	9	10
Price.....each	\$43.00	\$46.00	\$49.00	\$56.00	\$64.00	\$72.00	\$84.00	\$100.00

# ATKINS SILVER STEEL SAWS

## ATKINS FELLOE WEBS AND SCROLL SAWS



### ATKINS FELLOE WEBS

Length Inches	Gauge	Width Inches	Price per Dozen	Length Inches	Gauge	Width Inches	Price per Dozen
6	19	$\frac{3}{8}$ to $\frac{1}{2}$	\$1.50	22	17	$\frac{1}{4}$ to $\frac{3}{4}$	\$3.85
7	19	$\frac{3}{8}$ " $\frac{1}{2}$	1.60	24	17	$\frac{1}{4}$ " $\frac{7}{8}$	4.25
8	19	$\frac{3}{8}$ " $\frac{1}{2}$	1.70	26	17	$\frac{1}{4}$ " $\frac{7}{8}$	4.65
10	18	$\frac{3}{8}$ " $\frac{1}{2}$	1.90	28	17	$\frac{1}{4}$ " 1	5.15
12	18	$\frac{1}{4}$ " $\frac{1}{2}$	2.10	30	16	$\frac{1}{4}$ " 1	5.65
14	17	$\frac{1}{4}$ " $\frac{3}{4}$	2.40	32	16	$\frac{1}{4}$ " 1	6.15
16	17	$\frac{1}{4}$ " $\frac{5}{8}$	2.75	34	16	$\frac{1}{4}$ " 1	6.65
18	17	$\frac{1}{4}$ " $\frac{5}{8}$	3.10	36	16	$\frac{1}{4}$ " 1	7.15
20	17	$\frac{1}{4}$ " $\frac{3}{4}$	3.45	..	..	.....	....

This list is for saws ground 3 gauges thin on back.

### STANDARD SIZES OF FELLOE WEBS IN STOCK

8 and 10 inch....  $\frac{1}{8}$  to  $\frac{3}{4}$  inches.      12 inch....  $\frac{1}{8}$  to  $\frac{7}{8}$  inches.      14 to 30 inch....  $\frac{3}{16}$  to 1 inch.  
 $\frac{1}{8}$  and  $\frac{3}{8}$  widths, 8 points to the inch;  $\frac{1}{4}$ , 7 $\frac{1}{2}$  points;  $\frac{5}{8}$ , 7 points;  $\frac{3}{8}$ , 6 $\frac{1}{2}$  points;  $\frac{1}{2}$ , 6 points;  
 $\frac{5}{8}$ , 5 $\frac{1}{2}$  points;  $\frac{3}{4}$ , 5 points;  $\frac{7}{8}$ , 4 $\frac{1}{2}$  points; 1, 4 points.

Other than standard sizes will have to be manufactured special.

Special prices for all saws other than the above sizes.

N. B.—All web saws one-eighth inch and narrower will be made with wide ends in order to give strength at the hole, twenty-five per cent advance; with pins, 50 cents per dozen additional, list.

### FAY'S PATENT SCROLL SAWS

Length.....inches    8    9    10    11    12    13    14    16    18    20    22    24  
 Price.....per dozen    \$2.00    \$2.25    \$2.50    \$2.75    \$3.00    \$3.25    \$3.50    \$3.75    \$4.00    \$4.50    \$5.00    \$5.50

Webbs to 16 inches over three-fourths inch wide, extra price; eighteen to twenty-four inches, over one inch wide, extra price. We make the above webs from 13 to 16 gauge in thickness; with pins, 50 cents per dozen additional, list.

### GERMAN PATTERN WEBS

Length Inches	Thickness Gauge	PRICE, PER DOZEN				Length Inches	Thickness Gauge	PRICE, PER DOZEN			
		WIDTH, INCHES						WIDTH, INCHES			
		$\frac{3}{4}$ to $\frac{3}{4}$	$\frac{3}{4}$ to 1 $\frac{1}{4}$	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$	1 $\frac{1}{2}$ to 2			$\frac{3}{4}$ to $\frac{3}{4}$	$\frac{3}{4}$ to 1 $\frac{1}{4}$	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$	1 $\frac{1}{2}$ to 2
18	23	\$2.15	\$2.40	\$2.60	\$2.90	28	23	\$2.75	\$3.10	\$3.30	\$3.80
20	23	2.20	2.45	2.70	3.05	30	23	2.90	3.30	3.60	4.10
22	23	2.25	2.55	2.80	3.15	32	22	3.10	3.45	3.85	4.40
24	23	2.40	2.70	3.00	3.35	34	22	3.30	3.60	4.00	4.55
26	23	2.60	2.90	3.10	3.60	36	22	3.50	3.75	4.15	4.70

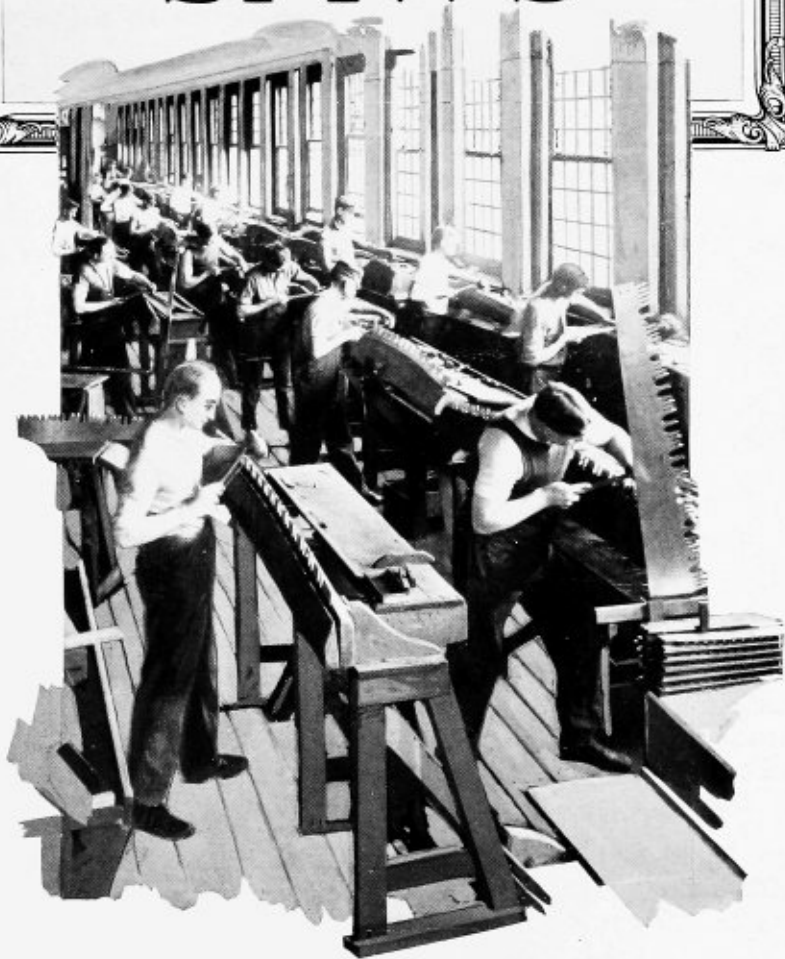
### EXTRA THIN BACK

Length Inches	Thickness Toothed Edge Gauge	Thickness Back Edge Gauge	PRICE, PER DOZEN			
			WIDTH, INCHES			
			$\frac{3}{4}$ to $\frac{3}{4}$	$\frac{3}{4}$ to 1 $\frac{1}{4}$	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$	1 $\frac{1}{2}$ to 2
18	23	25	\$2.55	\$2.75	\$3.00	\$3.25
20	23	25	2.60	2.85	3.10	3.45
22	23	25	2.70	2.95	3.20	3.55
24	23	25	2.80	3.10	3.35	3.75
26	23	25	3.00	3.30	3.60	4.00
28	23	25	3.10	3.40	3.75	4.25
30	23	25	3.30	3.65	4.00	4.50
32	22	24	3.40	3.80	4.20	4.75
34	22	24	3.50	3.90	4.35	4.90
36	22	24	3.65	4.10	4.55	5.15

Five per cent extra for each gauge heavier or lighter than above.  
 Twenty per cent extra for webs with teeth finer than ten points to the inch.  
 All webs are packed one dozen to a carton



# ATKINS CROSS CUT SAWS



**ATKINS CROSS CUT SAWS**

**SILVER STEEL**

The most essential feature in the manufacture of a saw is the material used in the blade.

Cross cut saw steel must be hard, so as to prevent the teeth from bending or dulling easily, and so they may hold their set. It must be tough, so that it will withstand hard knots and obstructions. It must file and set readily to save the filer unnecessary time in refitting. Yet it must not be brittle, else the teeth and points will break off in use, or in refitting.

That steel which will measure up to these conditions to the highest degree is best adapted to cross cut saws.

**SILVER STEEL**

The formula for Silver Steel is our own exclusive property. It contains most effective and expensive materials. It is exceedingly close and smooth grained, and while it files easily, it will at the same time, take an exceedingly hard, tough temper which enables it to hold its keen cutting edge a remarkable length of time. It is actually as fine in quality as the steel used in most high grade razor blades.

**TEMPER**

Careful analysis is made in our laboratory to be absolutely sure that it is fully up to specifications. Should the analysis show even a slight deviation, the blade is immediately rejected.

The heat treatment for all cross cut saws is ordered by the chemist, based upon his analysis. This is applied scientifically so that there is no possibility of the least variation.

Each blade, however, is rigidly inspected, thereby avoiding shipment of any but perfect saws.

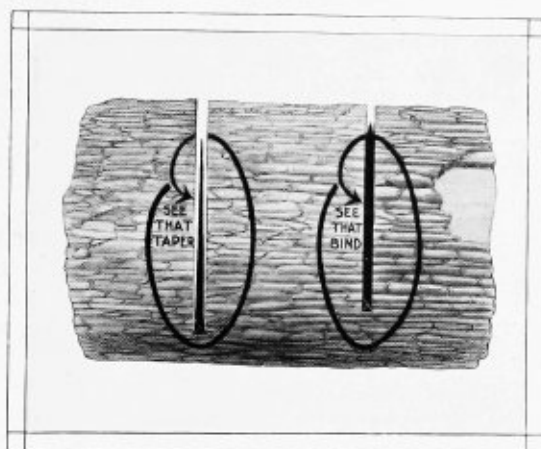
These safeguards enable us to warrant Atkins Silver Steel Cross Cut Saws to be of perfect temper and construction and so thoroughly are we convinced of their merits, that we positively guarantee that an Atkins Silver Steel Cross Cut Saw will not only run easier and cut faster, but that it will hold its sharp cutting edge at least one-fourth longer than any other.

Every Silver Steel Saw is plainly marked with the words "Silver Steel," and "E. C. Atkins & Co." on the blade. None others are genuine.



# ATKINS SILVER STEEL SAWS

## ATKINS SEGMENT GRINDING PROCESS



E. C. Atkins & Company are the inventors of and own the exclusive patent rights for using the Segment Grinding process for cross cut saws.

Segment grinding consists of finishing the blade of an absolutely even gauge along the toothed edge and from that point, on a true taper to the center of the back.

In other words, the standard blade is 14 gauge along the entire toothed edge, 17 gauge on the back at the ends, 18 to 20 gauge on center of back and a gradual taper from the thickest to the thinnest point.

Atkins Segment Ground Cross Cut Saws, being thicker at the ends, are stiff and do not buckle and being thinnest at the center of the back, they have ample clearance, enabling them to be operated fast and most easily with very little set.

The distinction between a segment ground saw and any other, lies in the fact that the blades are ground as stated above on an actual taper from the toothed edge to the center of the back. This is illustrated on the left of the picture above, and shows clearly why we make the claim that a segment ground saw will run easier and cut faster.

The imitation of segment grinding is shown to the right in the illustration, indicating a saw simply dubbed off on the back for an inch or two. Blades constructed on this principle must rely entirely upon the set of the teeth and the use of wedges in order to secure clearance. A Segment Ground cross cut saw clears itself.

### SPECIFICATIONS OF TEETH

Number Saw	Depth of Raker Gullet Inches	Width of Raker Gullet Widest Place Inches	Depth of Tooth Gullet Inches	Width of Tooth Gullet Widest Place Inches
5	$1\frac{7}{8}$	$\frac{7}{8}$	$1\frac{5}{8}$	$\frac{1}{4}$
4	$1\frac{7}{8}$	$\frac{7}{8}$	$1\frac{5}{8}$	$\frac{1}{4}$
12	$1\frac{5}{8}$	$\frac{3}{16}$	$1\frac{5}{8}$	$\frac{3}{4}$
1	$1\frac{1}{2}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{3}{8}$
3	$1\frac{5}{8}$	$1\frac{1}{2}$	$1\frac{1}{4}$	$\frac{7}{16}$
11	$1\frac{5}{16}$	$\frac{5}{8}$	$1\frac{5}{16}$	$\frac{3}{8}$
6	$1\frac{5}{16}$	$\frac{11}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$
221	$1\frac{1}{2}$	$\frac{3}{8}$	$1\frac{5}{16}$	$\frac{3}{8}$
218	$1\frac{9}{16}$	$\frac{3}{4}$	$1\frac{1}{4}$	$\frac{3}{8}$
331	$1\frac{1}{16}$	$\frac{3}{4}$	$\frac{15}{16}$	$\frac{5}{16}$
225	$1\frac{5}{8}$	$\frac{1}{16}$	$1\frac{5}{16}$	$\frac{7}{16}$
379	1	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{15}{16}$
386	$1\frac{5}{16}$	$\frac{9}{16}$	$1\frac{5}{16}$	$\frac{3}{16}$
387	$1\frac{5}{16}$	$\frac{1}{16}$	$1\frac{5}{16}$	$\frac{3}{16}$

## ATKINS STYLES OF CROSS CUT TEETH

The evolution of the cross cut saw from the old style "V" tooth, up to the scientifically constructed teeth of the present day, has developed a great variation in the outline and specifications under which cross cut saws are made.

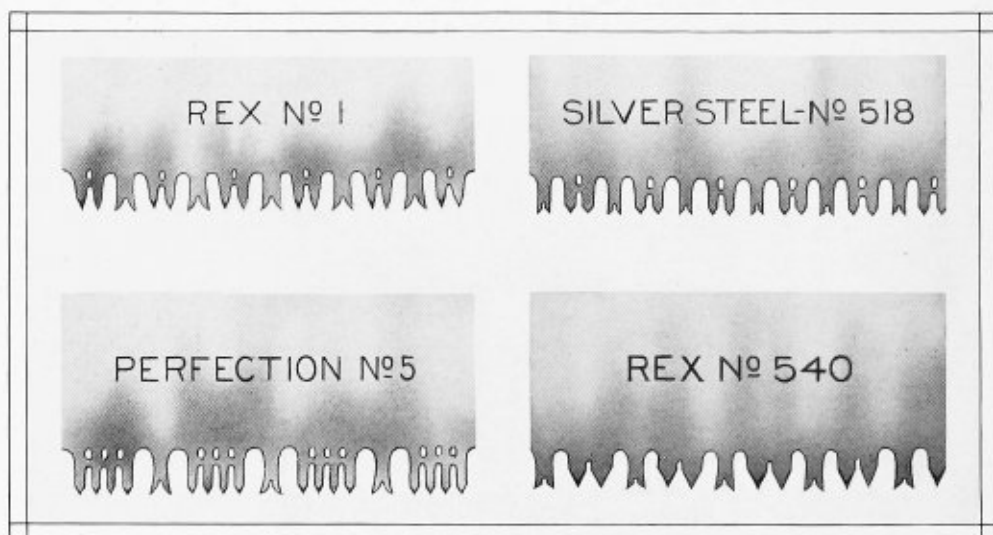
In the picture at the bottom of this page, we reproduce a few patterns of teeth which have been adopted in the largest operations as the standard for efficiency.

On account of their popularity we are making them only of genuine Silver Steel, which insures saws of the greatest edge, set and tension holding qualities.

Each of these patterns will be fully described upon the following pages.

On the next page, we show a number of our patterns which have become extremely popular for general use. While these saws are employed to some extent in the lumber camps, still they are used much more frequently as general purpose saws.

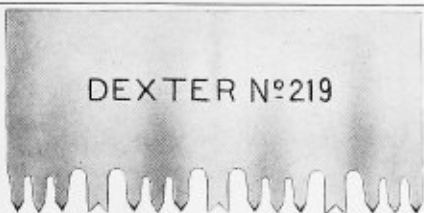
For this reason, we make them not only in genuine Atkins Silver Steel, when so specified, but also of a very high quality Special Crucible Steel, at corresponding prices.



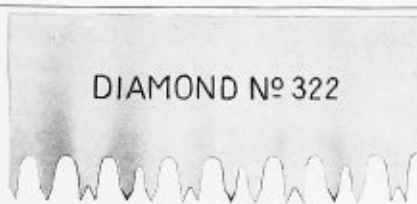
# ATKINS *SILVER STEEL SAWS*

## ATKINS STYLES OF CROSS CUT TEETH

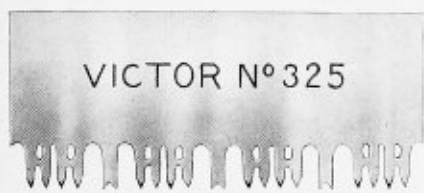
DEXTER N°219



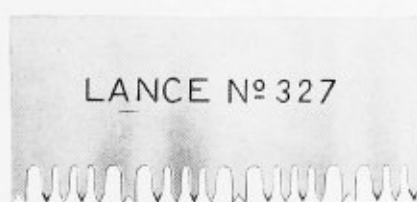
DIAMOND N° 322



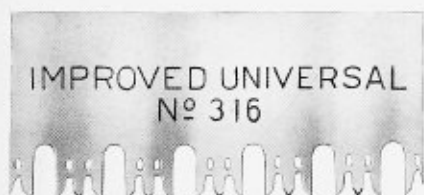
VICTOR N°325



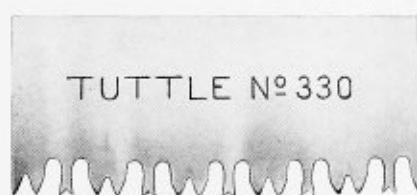
LANCE N° 327



IMPROVED UNIVERSAL  
N° 316



TUTTLE N° 330



LONE STAR N° 223



COMMON N° 337



TUTTLE N° 379



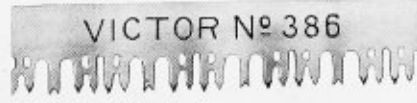
DIAMOND N°384



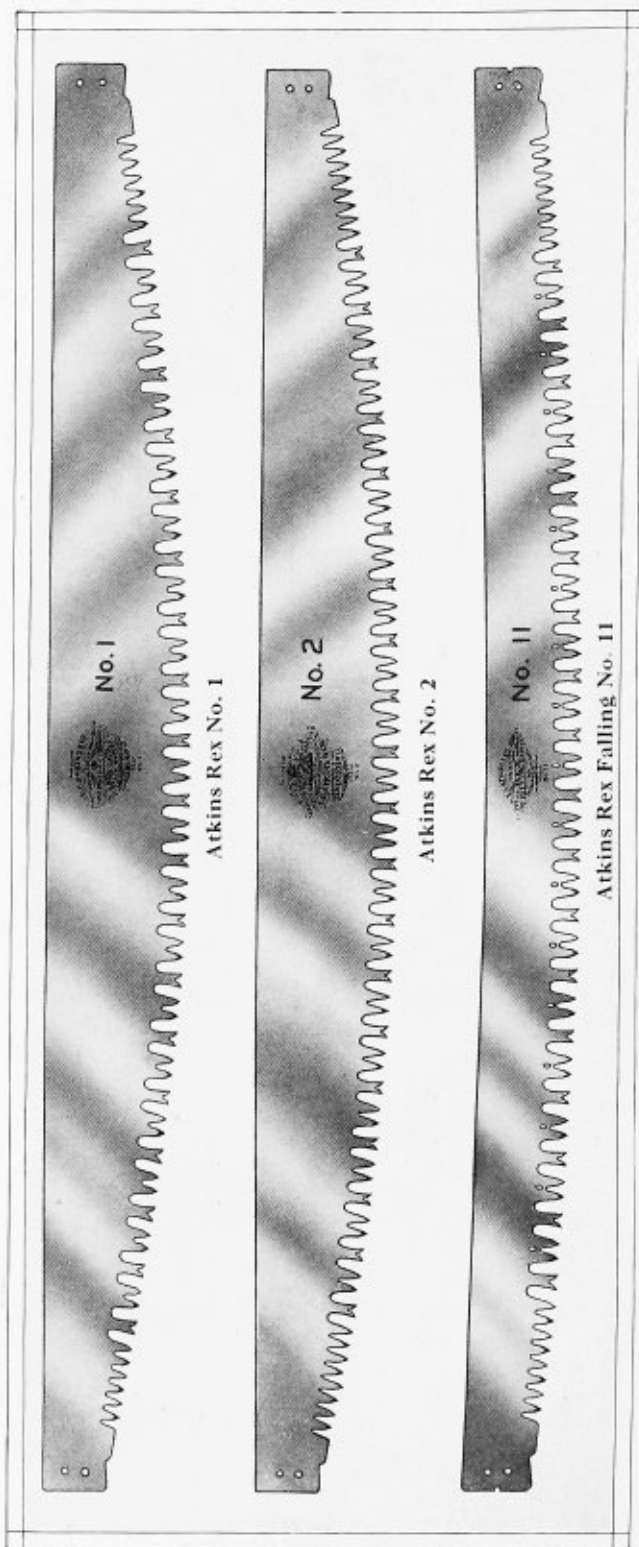
AMERICAN N° 385



VICTOR N° 386



**ATKINS REX CROSS CUT SAWS**  
SILVER STEEL - SEGMENT GROUND



These saws are made of Atkins Silver Steel and are segment ground, described fully on pages 66 and 67. Nos. 1 and 2 are wide blades and are used for heavy soft woods, such as cottonwood, yellow poplar, white pine, etc. They are ground 14 gauge on toothed edge, 17 gauge full on back at ends, and 20 gauge on the center of the back. Blades are 3 1/4 inches at ends, and range from 6 1/4 inches wide at center in the four foot length to 8 1/4 inches wide in eight foot length. Six foot blade is 7 inches wide at center.

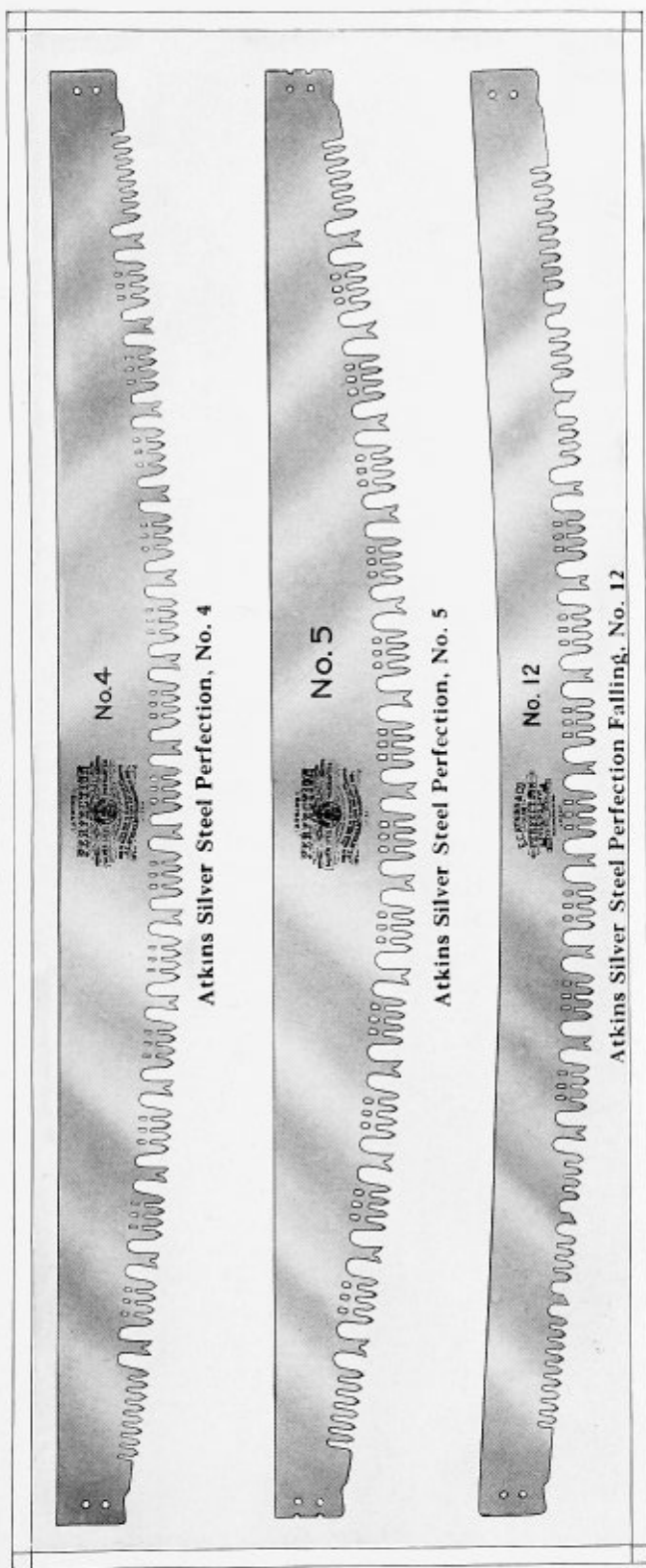
The Rex No. 11 has a tooth similar to the above, but is made on a narrower plate and is perforated. It is ground 14 gauge on the toothed edge, 15 gauge on the back at ends and 16 gauge on the center of back. Width at ends, 3 1/4 inches. Width at center, 4 1/2 inches. Breasted, 2 1/8 inches. This saw is used for falling soft woods and for general purposes among smaller timber.

Length .....	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8
Price, Nos. 1, 2 and 11 .....	\$3.10	\$3.60	\$4.10	\$4.80	\$5.60	\$6.40	\$7.30	\$8.30	\$9.30
Weight, Nos. 1 and 2, per saw .....	3.50	4.	4.60	5.80	6.8	7.63	8.04	9.43	10.15
Weight, No. 11 falling, per saw .....	3.25	3.50	3.75	4.48	4.95	5.15	5.90	6.30	7.

Prices as given above do not include handles.

## ATKINS PERFECTION CROSS CUT SAWS

SILVER STEEL—SEGMENT GROUND



No. 4

Atkins Silver Steel Perfection, No. 4

No. 5

Atkins Silver Steel Perfection, No. 5

No. 12

Atkins Silver Steel Perfection Falling, No. 12

Atkins Perfection Pattern Tooth is well known wherever cross cut saws are largely used. Designed for cutting yellow pine, hardwoods and resinous knotty timber. Unsurpassed for speed and light running. Full description of general construction and methods of manufacture will be found on pages 66 and 67.

Perfection style of tooth is supplied on three different types of blade as follows:

No. 5, extra wide blade (see dimensions below) preferable for large heavy timber.

No. 4, a somewhat narrower blade used for medium sized cottonwood, yellow poplar, white pine and similar timber.

No. 12, a narrow blade used principally for falling or in cutting small stock.

	No.	WIDTH			Toothed Edge	Back at Ends	Back at Center	Gauge Center	Back at Ends	Back at Center	Gauge Center	Back at Ends	Back at Center	Gauge Center	Back at Ends	Back at Center
		Ends	Center	Ends												
Length	4	3 inches	6 inches	14	17	20	20	17	17	20	20	17	17	20	20	17
Price	5	3 1/4 inches	6 1/4 inches to 8 1/4 inches	14	17	20	20	17	17	20	20	17	17	20	20	17
Weight, Nos. 4 and 5, per saw	12	3 1/4 inches	4 1/2 inches	14	17	20	20	17	17	20	20	17	17	20	20	17
Weight, No. 12, falling, per saw				feet	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8	8	8
Prices as given above do not include handles.				each	\$3.10	\$3.60	\$4.10	\$4.60	\$5.00	\$5.40	\$5.90	\$6.40	\$6.80	\$7.30	\$7.63	\$8.04
				pounds	3.50	4.	4.48	4.95	5.15	5.90	6.30	6.80	7.	7.	7.	7.

## ATKINS CROSS CUT SAWS SILVER STEEL—SEGMENT GROUND



Atkins Silver Steel Peerless, No. 3



Atkins Silver Steel Hemlock King, No. 6



Atkins Silver Steel No. 518

### ATKINS PEERLESS, HEMLOCK KING AND No. 518

All saws on this page are made of Atkins Silver Steel. Segment ground, and are given the Atkins hard, tough temper without being brittle. Fully described on pages 66 and 67.

Peerless No. 3 will be found especially desirable for cutting soft woods, such as cottonwood, yellow poplar, white pine, etc.

Atkins Hemlock King No. 6 is used extensively throughout the northwest in cutting hemlock and other similar woods.

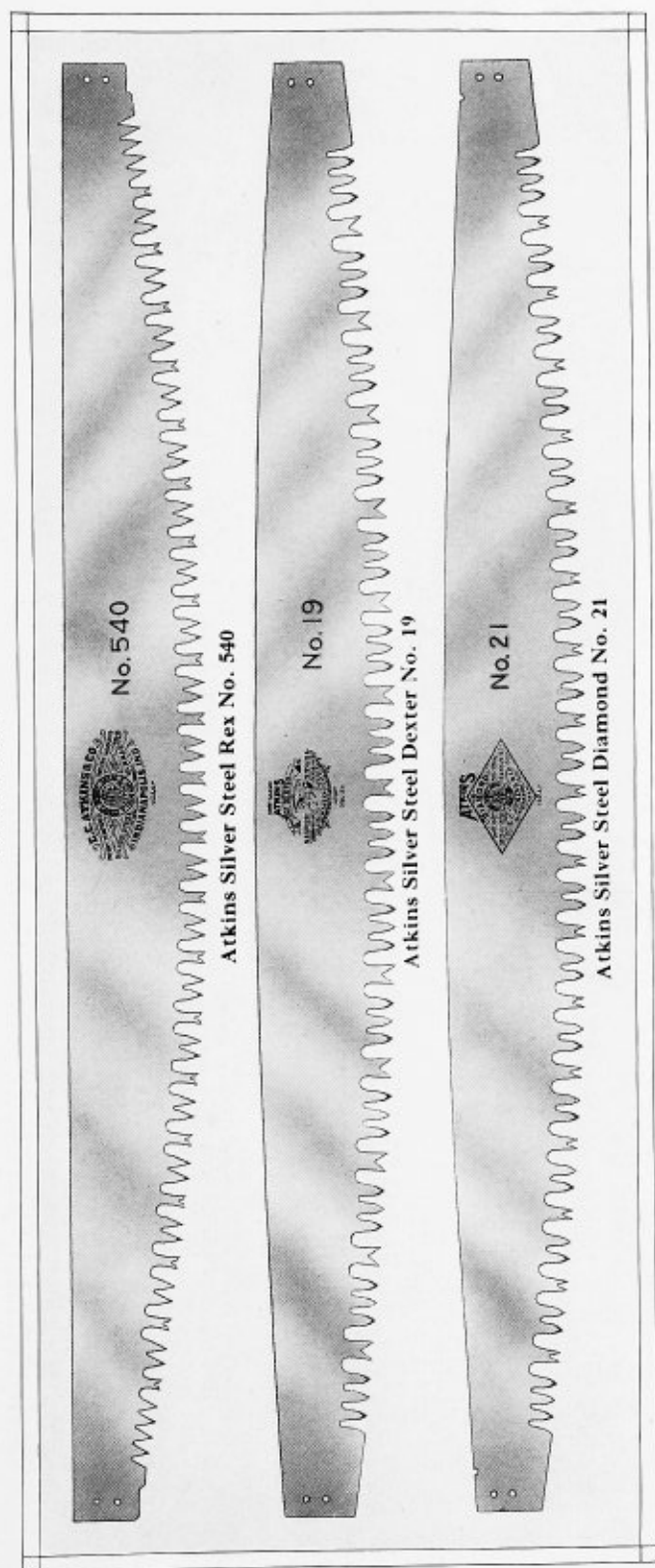
Atkins No. 518 is a well known style of tooth made particularly for white pine, yellow poplar, and woods of this class.

The above saws are all 14 gauge on toothed edge, 17 gauge on the back at ends, and 20 gauge at center of back.

Length.....feet	4	4½	5	5½	6	6½	7	7½	8
Price.....each	\$3.10	\$3.60	\$4.10	\$4.80	\$5.60	\$6.40	\$7.30	\$8.30	\$9.30
Weight, per saw.....pounds	4.	4.20	4.46	5.	5.60	5.85	6.15	6.30	6.50

Prices as given above do not include handles.

## ATKINS CROSS CUT SAWS SILVER STEEL



All saws on this page are made of Atkins Silver Steel. These features are fully described on pages 66 and 67. No. 540 has two cutting teeth, and a raker and is the "Finest on Earth" for cutting oak, and other hardwoods. Segment ground. It is 14 gauge on toothed edge, 17 gauge full at ends and 20 gauge on center of back.

The Dexter is the best known saw in the south and has for many years held its reputation against any other type of saw tooth. It has three cutting teeth and a raker and is an original pattern. Any other cross cut saw of this pattern is an imitation of the Dexter. No. 18 is 16 gauge, No. 19, 18 gauge, No. 20, 19 gauge at center of back.

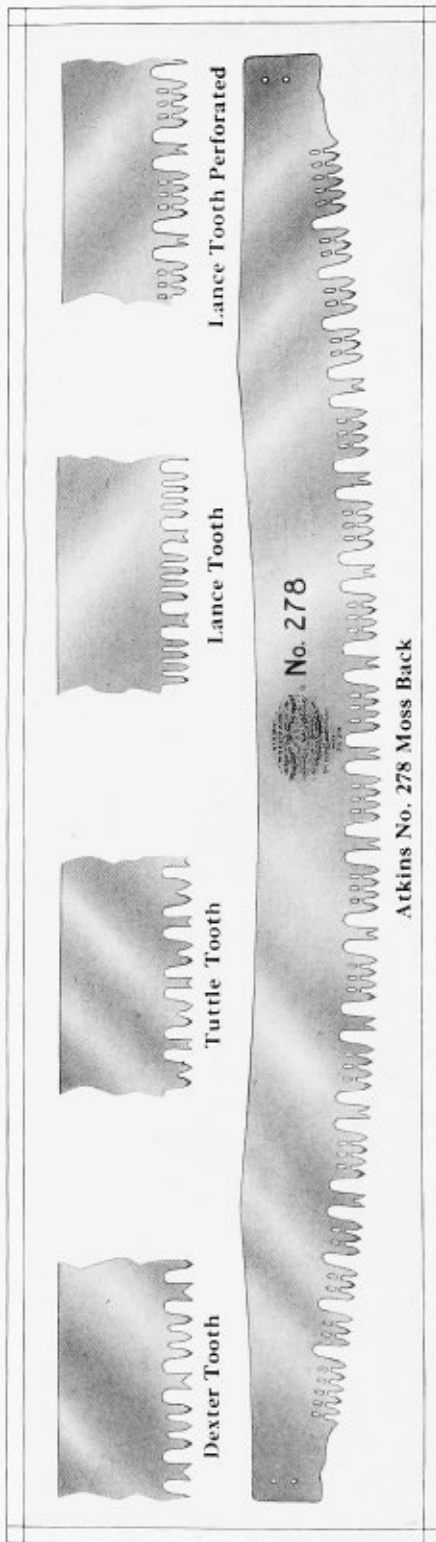
Diamond Nos. 21 and 22 is the original Diamond Cross Cut Saw. Two cutting teeth and raker and is recommended for cutting yellow pine, oak and other southern woods. No. 21 is 16 gauge, No. 22, 18 gauge at center of back.

Length.....	feet	4	4½	5	5½	6	6½	7	7½	8
Price, Nos. 18, 19, 20, 21, 22 and 540.....	each	\$3.10	\$3.60	\$4.10	\$4.60	\$5.10	\$5.60	\$6.10	\$6.60	\$7.10
Weight, No. 540.....	pounds	3.50	4.	4.60	5.10	5.60	6.10	6.60	7.10	7.60
Weight, Dexter and Diamond.....	pounds	3.15	3.50	4.64	5.17	5.60	6.60	7.82	8.69	10.04

Prices as given above do not include handles. Diamond five feet long and under are supplied with somewhat smaller tooth unless otherwise specified.

ATKINS MOSS BACK CROSS CUT SAWS

14x18 GAUGE



We make the Moss Back Blade as shown in the illustration above, in connection with a number of the most popular styles of teeth, in sizes and at lists given below. Made of Atkins Silver Steel, tempered hard and tough.

We also supply this blade in Atkins High Grade Special Steel, which is given a careful temper, to withstand ordinary usage in a satisfactory manner.

In ordering, specify style of tooth, number and length, also whether Silver Steel or Special Steel.

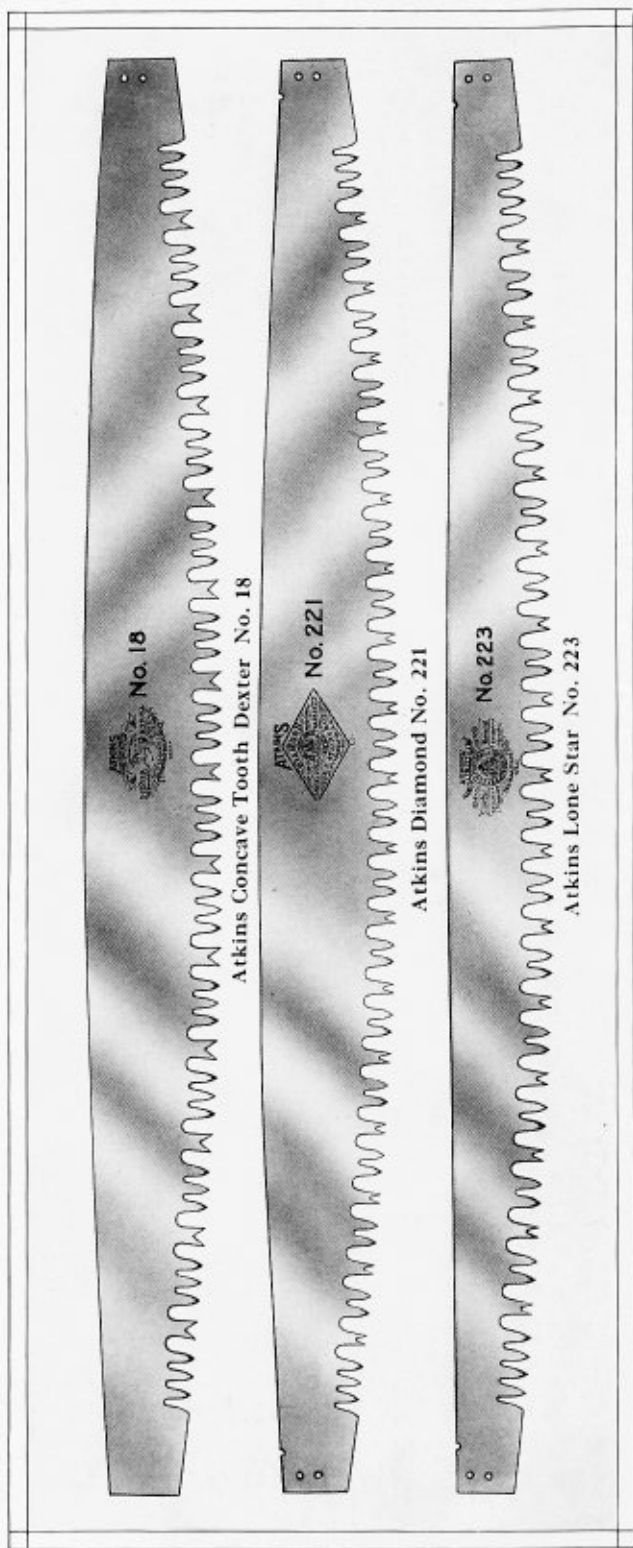
Length.....	feet	4	4½	5	5½	6	6½	7	7½	8
No. 78, Lance Tooth, perforated, Silver Steel .....	each	\$3.10	\$3.60	\$4.10	\$4.80	\$5.00	\$6.40	\$7.30	\$8.30	\$9.30
No. 278, Lance Tooth, perforated, Special Steel .....	each	2.80	3.15	3.50	3.85	4.20	4.55	4.90	5.25	5.60
No. 77, Lance Tooth, not perforated, Silver Steel .....	each	3.10	3.60	4.10	4.80	5.60	6.40	7.30	8.30	9.30
No. 277, Lance Tooth, not perforated, Special Steel .....	each	2.64	2.97	3.30	3.63	3.96	4.29	4.62	4.95	5.28
No. 72, Tuttle Tooth, not perforated, Silver Steel .....	each	3.10	3.60	4.10	4.80	5.60	6.40	7.30	8.30	9.30
No. 272, Tuttle Tooth, not perforated, Special Steel .....	each	2.64	2.97	3.30	3.63	3.96	4.29	4.62	4.95	5.28
No. 73, Tuttle Tooth, perforated, Silver Steel .....	each	3.10	3.60	4.10	4.80	5.60	6.40	7.30	8.30	9.30
No. 273, Tuttle Tooth, perforated, Special Steel .....	each	2.80	3.15	3.50	3.85	4.20	4.55	4.90	5.25	5.60
No. 76, Concave Tooth Dexter, Silver Steel .....	each	3.10	3.60	4.10	4.80	5.60	6.40	7.30	8.30	9.30
No. 276, Concave Tooth Dexter, Special Steel .....	each	3.10	3.60	4.00	4.40	4.80	5.20	5.60	6.00	6.40
Weight, per saw .....	pounds	3.50	3.85	4.20	5.25	6.55	7.39	8.15	9.10	9.80

Prices as given above do not include handles.





## ATKINS CROSS CUT SAWS

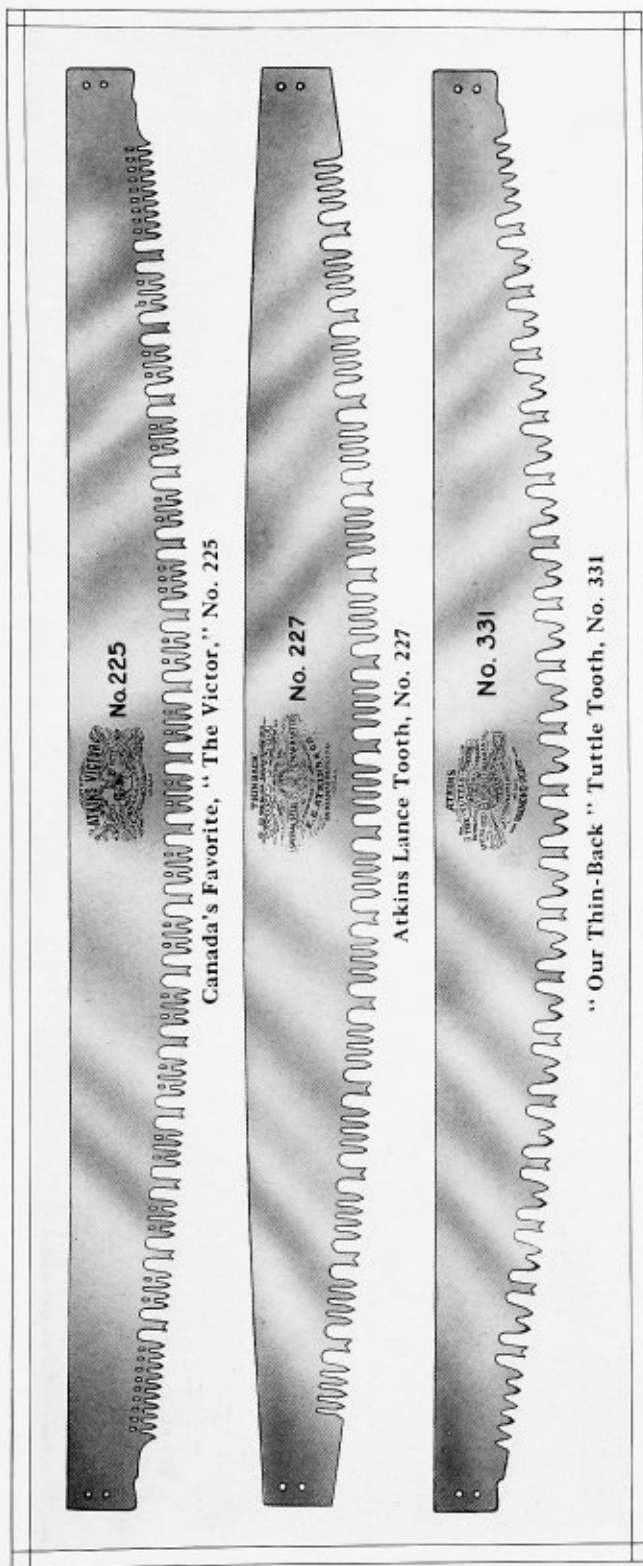


Atkins Concave Tooth Dexter Saw is Dixie's favorite. For the woods of the south it has no equal. Stands at the head of the list of easy, fast cutting saws. No. 219 thin back, No. 220 extra thin back. Atkins Lone Star 6 foot blades are 5 7/8 inches wide at center and 7 foot blades are 6 inches wide at center. Furnished in Silver Steel if desired. Prices on application. Lone Star 5 feet and under will be supplied with somewhat smaller tooth unless specified.

Length	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8
No. 18, Concave Tooth Dexter, Silver Steel, 14x16 gauge	\$3.10	\$3.60	\$4.10	\$4.80	\$5.60	\$6.40	\$7.30	\$8.30	\$9.30
No. 19, Concave Tooth Dexter, Silver Steel, 14x18 gauge	3.04	3.42	3.80	4.18	4.56	4.94	5.32	5.70	6.08
No. 20, Concave Tooth Dexter, Silver Steel, 14x19 gauge	3.20	3.60	4.00	4.40	4.80	5.20	5.60	6.00	6.40
No. 218, Concave Tooth Dexter, Special Steel, 14x16 gauge	3.10	3.60	4.10	4.80	5.60	6.40	7.30	8.30	9.30
No. 219, Concave Tooth Dexter, Special Steel, 14x18 gauge	2.94	3.32	3.70	4.08	4.46	4.84	5.22	5.60	6.00
No. 220, Concave Tooth Dexter, Special Steel, 14x19 gauge	2.40	2.70	3.00	3.30	3.60	3.90	4.20	4.50	4.80
No. 21, Diamond, Silver Steel, 14x16 gauge	2.40	2.70	3.00	3.30	3.60	3.90	4.20	4.50	4.80
No. 22, Diamond, Silver Steel, 14x18 gauge	3.15	3.50	4.04	4.40	4.80	5.20	5.60	6.00	6.40
No. 221, Diamond, Special Steel, 14x16 gauge	3.15	3.50	4.04	4.40	4.80	5.20	5.60	6.00	6.40
No. 222, Diamond, Special Steel, 14x18 gauge	3.15	3.50	4.04	4.40	4.80	5.20	5.60	6.00	6.40
No. 223, Lone Star, Diamond Tooth, Special Steel, 14x18 gauge	3.15	3.50	4.04	4.40	4.80	5.20	5.60	6.00	6.40
No. 224, same plate as No. 223, Lone Star, but with teeth same as Dexter No. 219	3.15	3.50	4.04	4.40	4.80	5.20	5.60	6.00	6.40
Weights, Dexter and Diamond, per saw	3.15	3.50	3.77	4.06	5.47	5.86	6.00	7.38	8.40
Weight, Lone Star, per saw	3.15	3.50	3.77	4.06	5.47	5.86	6.00	7.38	8.40

Prices as given above do not include handles.

## ATKINS CROSS CUT SAWS



Atkins Victor, No. 225 is Canada's favorite; patented February 12, 1884. Atkins Lance Tooth, No. 227, is thin back, not perforated. Atkins Nos. 330, 331 and 332 are the original Tuttle Tooth, Diamond Point.

Length	feet	4½	5	5½	6	6½	7	7½	8
No. 225, Victor, perforated tooth, special steel, 14x18 gauge	each	\$2.56	\$3.20	\$3.52	\$3.84	\$4.16	\$4.48	\$4.80	\$5.12
No. 227, Lance Tooth, special steel 14x18 gauge	each	2.40	3.00	3.30	3.60	3.90	4.20	4.50	4.80
No. 330, Thin-Back Turtle Tooth, special steel, 14x16 gauge	each	1.92	2.40	2.64	2.88	3.12	3.36	3.60	3.84
No. 331, Thin-Back Turtle Tooth, special steel, 14x18 gauge	each	2.08	2.60	2.86	3.12	3.38	3.64	3.90	4.16
No. 332, Thin-Back Turtle Tooth, special steel, 14x19 gauge	each	2.58	3.10	3.36	3.62	3.88	4.15	4.40	4.66
Weight, No. 225, per saw	pounds	3.50	4.55	5.38	6.04	6.72	7.31	7.81	8.40
Weight, No. 227, per saw	pounds	3.15	3.50	4.04	4.60	5.17	5.72	6.29	6.84
Weight, Nos. 330, 331 and 332, per saw	pounds	3.56	4.30	5.37	6.34	7.65	8.42	9.88	10.73

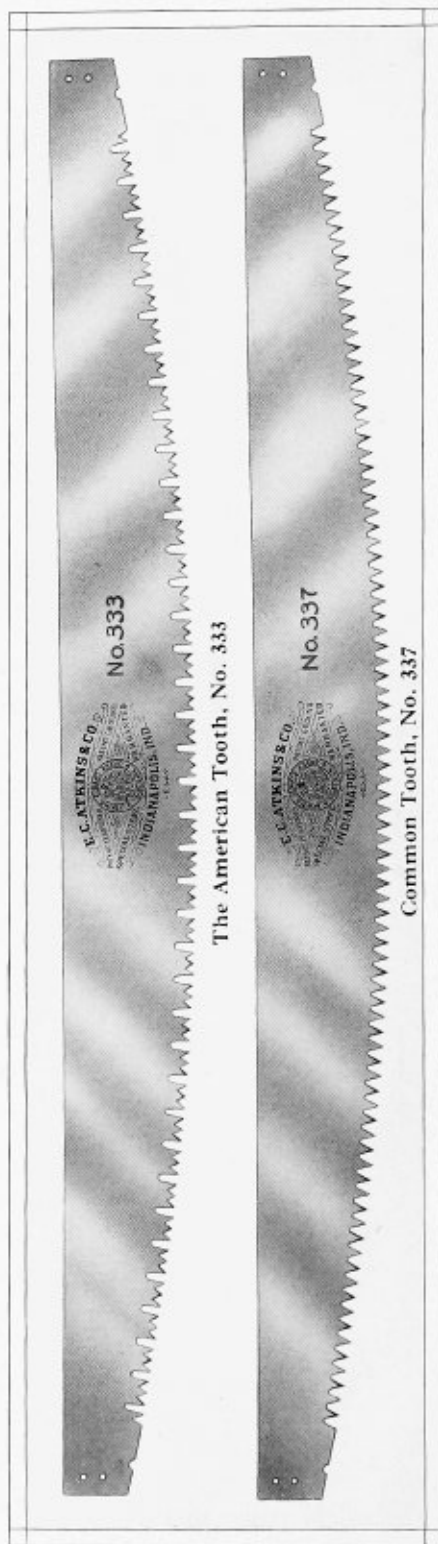
We will furnish any of the saws listed above in Silver Steel if desired.

Regular gauge is 14x16. Thin-back is 14x18 gauge.

Prices as given above do not include handles.

Tuttle Tooth 5 feet long and under are made with a smaller tooth than shown above unless otherwise specified.

## ATKINS CROSS CUT SAWS



<b>ATKINS AMERICAN TOOTH, No. 333</b>									
Length.....	4	4½	5	5½	6	6½	7	7½	8
No. 333 special steel, 14x16 gauge.....	\$2.24	\$2.52	\$2.80	\$3.08	\$3.36	\$3.64	\$3.92	\$4.20	\$4.48
No. 334 special steel, 14x18 gauge.....	2.40	2.70	3.00	3.30	3.60	3.90	4.20	4.50	4.80
Weight, per saw.....	3.56	4.30	4.98	5.97	6.34	7.65	8.42	9.88	10.73
<b>ATKINS COMMON TOOTH, No. 337</b>									
No. 337 special steel, 14x16 gauge.....	\$1.92	\$2.16	\$2.40	\$2.64	\$2.88	\$3.12	\$3.36	\$3.60	\$3.84
No. 338 special steel, 14x18 gauge.....	2.08	2.34	2.60	2.86	3.12	3.38	3.64	3.90	4.16
Weight, per saw.....	3.56	4.30	4.98	5.97	6.34	7.65	8.42	9.88	10.73
Distance from point to point.....	9/8	9/8	9/8	9/4	9/4	1	1	1¼	1¼
<b>ATKINS HICKORY, No. 335</b>									
No. 335 special steel, 14x16 gauge.....	\$1.92	\$2.16	\$2.40	\$2.64	\$2.88	\$3.12	\$3.36	\$3.60	\$3.84
Weight, per saw.....	3.56	4.30	4.98	5.97	6.34	7.65	8.42	9.88	10.73
<b>ATKINS FEATHER EDGE, THIN-BACK, No. 336</b>									
Same as Hickory excepting 14x18 gauge									
No. 336 special steel, 14x18 gauge.....	\$2.08	\$2.34	\$2.60	\$2.86	\$3.12	\$3.38	\$3.64	\$3.90	\$4.16
Weight, per saw.....	3.56	4.30	4.98	5.97	6.34	7.65	8.42	9.88	10.73

We will furnish any of the saws listed above in Silver Steel if desired. Regular gauge is 14x16. Thin back is 14x18 gauge.  
Prices as given above do not include handles.

ATKINS HOLLOW BACK SAWS



Atkins Hollow Back Tuttle, No. 379



Atkins Hollow Back Tuttle, No. 381



Atkins Hollow Back Diamond, No. 384

Atkins Hollow Back Tuttle, No. 379 is 3 3/4 inches wide at ends and center in all lengths. No. 380 is 3 3/4 inches wide, 13 or 14 gauge, No. 381 is 3 3/4 inches wide, 14x16 or 13x15. Depth of raker gullet, 1 inch. Width of raker gullet, widest place, 5/8 inch. Depth of tooth gullet, 7/8 inch. Width of tooth gullet, widest place, 7/8 inch. Width of raker gullet, 7/8 inch. Depth of tooth gullet, 7/8 inch. Width of tooth gullet, widest place, 7/8 inch.

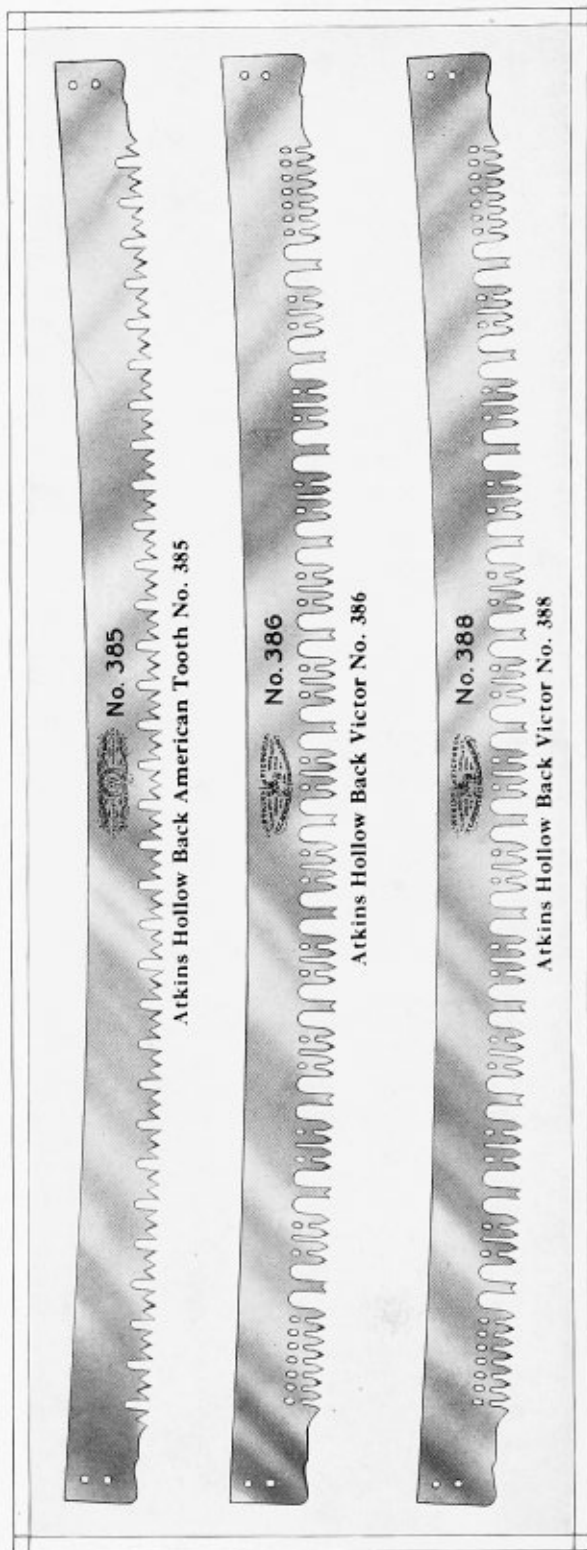
Atkins Hollow Back Diamond, No. 384 is 3 1/4 inches wide at ends and center in all lengths. Depth of raker gullet, 1 1/4 inches. Width of raker gullet, widest place, 1 1/8 inches. Depth of tooth gullet, widest place, 1 1/8 inches. Width of tooth gullet, widest place, 1 1/8 inches.

All of the above saws are made in Atkins High Grade Special Steel, carefully tempered for satisfactory service and nicely finished throughout.

Length	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8
No. 379, Tuttle Tooth, 3 1/4 inches wide.....	\$1.04	\$1.17	\$1.30	\$1.43	\$1.56	\$1.69	\$1.82	\$1.95	\$2.08
No. 380, Tuttle Tooth, 3 3/4 inches wide, 13 or 14 gauge.....	1.20	1.35	1.50	1.65	1.80	1.95	2.10	2.25	2.40
No. 381, Tuttle Tooth, 3 3/4 inches wide, 14x16 or 13x15 gauge.....	1.46	1.63	1.80	1.97	2.14	2.31	2.48	2.65	2.82
No. 384, Diamond Tooth, 3 1/4 inches wide.....	1.20	1.35	1.50	1.65	1.80	1.95	2.10	2.25	2.40
Weight, Nos. 379 and 384, per saw.....	2.57	3.04	3.40	3.74	4.07	4.41	4.75	5.09	5.43
Weight, Nos. 380 and 381, per saw.....	3.85	4.07	4.73	5.50	5.61	5.90	6.21	7.00	7.80

Prices as given above do not include handles.

## ATKINS HOLLOW BACK SAWS



Atkins Hollow Back American, No. 385, is made in one width only,  $3\frac{1}{4}$  inches at both ends and centers in all lengths. The depth of raker gullet is  $1\frac{1}{8}$  inches, width of raker gullet, widest place  $1\frac{1}{2}$  inch, depth of tooth gullet  $\frac{5}{8}$  inch, width of tooth gullet, widest place  $\frac{5}{8}$  inch.

Atkins Hollow Back Victor is the well known Lance Tooth Pattern. It is  $3\frac{1}{4}$  inches wide at ends and centers in all lengths. Depth of raker gullet,  $1\frac{1}{8}$ . Width of raker gullet,  $\frac{5}{8}$ . Depth of tooth gullet,  $1\frac{1}{2}$ . Width of tooth gullet at widest point,  $\frac{3}{8}$  inch.

No. 387 is  $3\frac{3}{4}$  inches wide, 14 gauge. No. 388 is  $3\frac{3}{4}$  inches wide, 14x16 gauge. The two latter saws have raker gullet with depth of  $1\frac{1}{2}$  inches, width of raker gullet widest place,  $\frac{5}{8}$  inch. Depth of tooth gullet,  $1\frac{1}{2}$ . Width of tooth gullet, widest place,  $\frac{3}{8}$  inch.

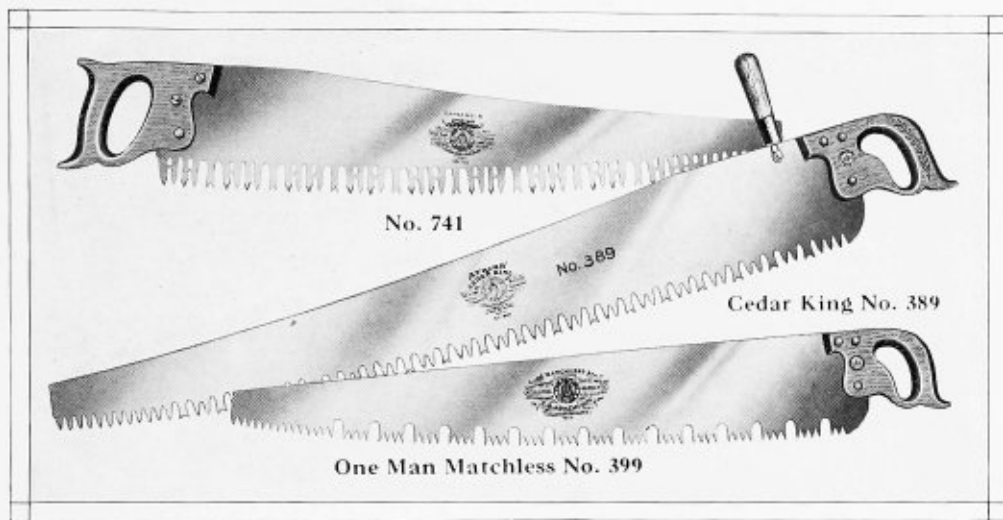
All the above saws are made of Atkins High Grade Special Steel and fully warranted.

	4	5	6	7	8
No. 385 American Tooth, $3\frac{1}{4}$ inches wide	each \$1.20	\$1.55	\$1.65	\$1.65	\$2.10
No. 386 Victor, Lance Tooth Pattern, $3\frac{1}{4}$ inches wide	each 1.28	1.44	1.76	2.08	2.24
No. 387 Victor, Lance Tooth Pattern, $3\frac{1}{4}$ inches wide, 14 gauge	each 1.44	1.60	1.92	2.24	2.40
No. 388 Victor, Lance Tooth Pattern, $3\frac{3}{4}$ inches wide, 14x16 gauge	each 1.60	1.80	1.98	2.16	2.52
Weight, Nos. 385 and 386, per saw	each 2.57	3.04	2.20	2.40	2.80
Weight, Nos. 387 and 388, per saw	each 3.85	4.07	3.74	4.27	4.80
	each 3.85	4.07	5.61	6.21	7.00

Prices as given above do not include handles.

# ATKINS SILVER STEEL SAWS

## ATKINS ONE-MAN CROSS CUT SAWS



### ATKINS CEDAR KING, No. 389

This is the finest One-Man Cross Cut Saw that has ever been made. The blade is of Atkins High Grade Special Steel.

The toothed edge is of even thickness, but the blade gradually tapers towards the point on the back.

The teeth are same pattern as the Rex Cross Cut Saw. The raker teeth are swaged. Skew back. An easy grip handle, finely carved, varnished edges, fastened to the blade by three brass screws and a medallion.

### ATKINS MATCHLESS, No. 399

This is a special patented tooth, see description on page 140.

It is particularly recommended for heavy cutting, such as fence posts, rafters, rails, studding, etc. It operates equally well in cross cutting, ripping or mitreing and is unexcelled as a framing saw.

### ATKINS TAMARACK, No. 741

Extra heavy gauge. Taper ground. Lance tooth perforated. Perfection shape rakers. Extra large hand hold, for use with heavy gloves. Silver Steel. Three brass screws.

Length .....	feet	2½	3	3½	4	4½	5	5½	6
Price, No. 389, Cedar King .....	each	\$1.75	\$2.10	\$2.45	\$2.80	\$3.15	\$3.50	\$3.85	\$4.20
Price, No. 399, Matchless .....	each	2.00	2.40	2.80	3.20	3.60	4.00	4.40	4.80
Price, No. 741 .....	each	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
Weight, Nos. 389 and 399, each .....	pounds	1.45	1.99	2.53	3.85	4.55	5.25	6.10	7.40
Weight, No. 741, each .....	pounds	.....	4	4½	5½	6¼	7	8	8¾

ATKINS *SILVER STEEL* SAWS

ATKINS ONE-MAN CROSS CUT SAWS



Tuttle Tooth, No. 390



Diamond Tooth, No. 391



Victor Tooth, No. 392



The American Tooth, No. 393



American Tooth Skew Back, No. 395



# ATKINS SILVER STEEL SAWS

## ATKINS ONE-MAN CROSS CUT SAWS

We devote quite as much care and attention to the manufacture of the very finest One-Man Saws as to the heavier types of Two-Man Cross Cut Saws shown on previous pages.

The saws illustrated on the opposite page are all made of a very fine quality of Special Crucible Steel. This steel is given an exceedingly hard tough temper in which process we use specially constructed furnaces heated by gas. This insures great uniformity throughout the entire blade and precludes hard and soft spots.

All blades are carefully ground which produces uniform thickness so that Atkins One-Man Saws will of necessity run free and easy.

The handles are made of carefully selected air-dried beech and are finely smoothed and finished. Varnished on the edges only. Atkins Easy Grip Pattern. Fastened to the blade by three brass screws and a brass screw medallion. These handles will not become loose.

### ATKINS No. 390

A general description of this saw is given above. It is made in lengths from 2½ to 6 feet and has the same pattern tooth as found in the regular patterns of Tuttle Tooth, Nos. 330 and 379, but of somewhat smaller size.

### ATKINS No. 391

Details in regard to the construction of this saw will be found at the top of this page. It is made in lengths from 2½ to 6 feet and the teeth are similar to the regular Diamond No. 221, though smaller.

### ATKINS No. 392

We have fully described the general construction of this saw at the top of this page. It is made in lengths from 2½ to 6 feet and in both straight and skew back patterns. The straight back is No. 392 and skew back No. 394. Teeth are same as in the regular Victor No. 225, but smaller.

### ATKINS No. 393

This is one of our most popular patterns of One-Man Saws and the details in regard to its general construction will be found above. It is made in lengths from 2½ to 6 feet and the teeth are the same as used in the regular American No. 333 but smaller.

### ATKINS No. 395

This saw is exactly similar to No. 393, excepting that it is made with a skew, instead of a straight back.

Length .....	feet	2½	3	3½	4	4½	5	5½	6
No. 390, Tuttle Tooth, special steel .....	each	\$1.40	\$1.68	\$1.96	\$2.24	\$2.52	\$2.80	\$3.08	\$3.36
No. 391, Diamond Tooth, special steel .....	each	1.50	1.80	2.10	2.40	2.70	3.00	3.30	3.60
No. 392, Victor Tooth, special steel .....	each	1.60	1.92	2.24	2.56	2.88	3.20	3.52	3.84
No. 394, Victor Tooth, special steel, skew back .....	each	1.70	2.04	2.38	2.72	3.06	3.40	3.74	4.08
No. 393, American Tooth, special steel .....	each	1.50	1.80	2.10	2.40	2.70	3.00	3.30	3.60
No. 395, American Tooth, special steel, skew back .....	each	1.60	1.92	2.24	2.56	2.88	3.20	3.52	3.84
Weight, per saw .....	pounds	....	2.42	2.87	3.51	4.33	5.13	5.95	7.

## ATKINS SILVER STEEL ONE-MAN SAWS

For those desiring an unusually high grade One-Man Saw, we can furnish any pattern shown above in Atkins Silver Steel. The use of this high grade material in connection with the scientific construction throughout insures One-Man Saws vastly superior to any other.

In order to introduce them, so that their advantages may be appreciated, we are selling them at an extremely low list.

We particularly recommend anyone desiring a strictly high grade One-Man Saw which will receive an unusually keen, sharp cutting edge and hold it for the longest time to purchase the Silver Steel quality.

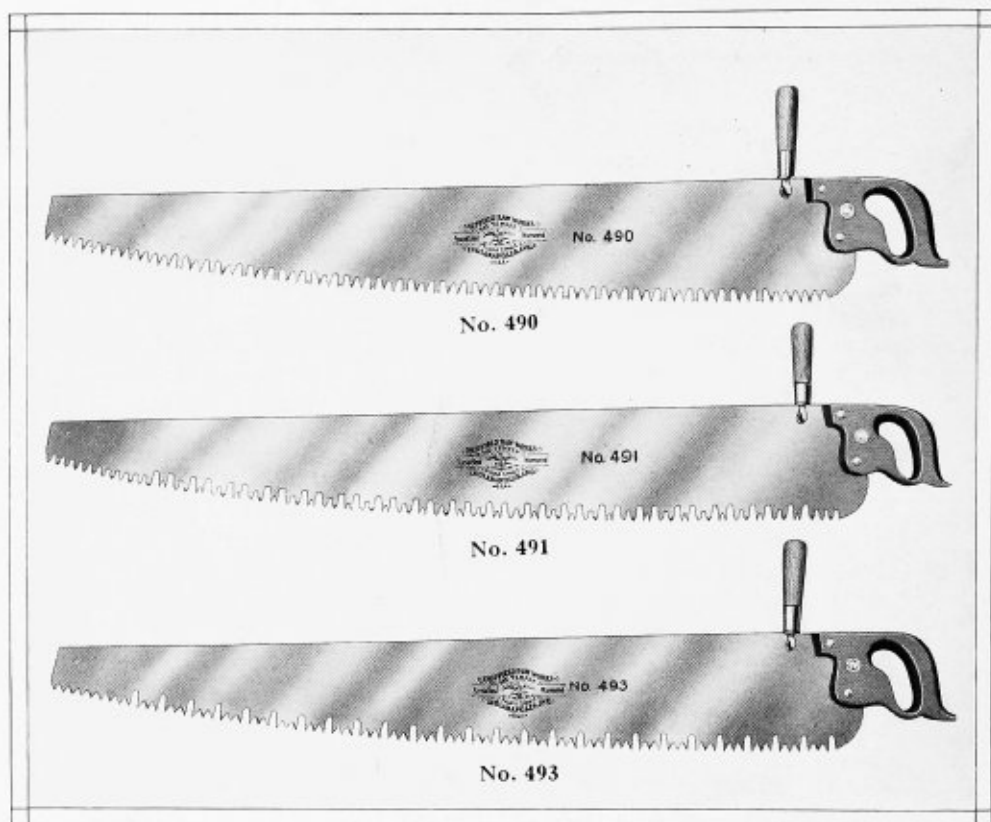
### SILVER STEEL, LIST PRICE

Length .....	feet	3	3½	4	4½	5	5½	6
Any pattern or style of tooth .....	each	\$3.00	\$3.50	\$4.00	\$4.50	\$5.00	\$5.50	\$6.00

# ATKINS SILVER STEEL SAWS

## ONE-MAN CROSS CUT SAWS

SHEFFIELD SAW WORKS



On previous pages we have shown a splendid assortment of One-Man Saws in Atkins Silver Steel and Atkins High Grade Special Steel. We illustrate above several of the most popular styles of teeth in our Sheffield quality.

Sheffield brand One-Man Saws are made of a fine grade of crucible steel, carefully tempered and nicely finished. They will give satisfaction in ordinary usage.

The handles are Easy Grip Pattern, finely finished and made of carefully selected beech. Varnished edges. Fastened to the blade by two brass screws and a brass screw medallion.

### No. 490

Made in lengths from 3 to 6 feet. Regular pattern tuttle tooth.

### No. 491

Made in lengths from 3 to 6 feet. Same pattern as No. 391.

### No. 493

Made in lengths from 3 to 6 feet. Tooth similar to No. 393.

Length .....	feet	3	3½	4	4½	5	5½	6
No. 490, Tuttle Tooth.....	each	\$1.62	\$1.89	\$2.16	\$2.43	\$2.70	\$2.97	\$3.24
No. 491, Diamond Tooth.....	each	1.68	1.96	2.24	2.52	2.80	3.08	3.36
No. 493, American Tooth.....	each	1.68	1.96	2.24	2.52	2.80	3.08	3.36
Weight, per saw.....	pounds	2.42	2.87	3.51	4.33	5.13	5.95	7.

**ATKINS PACIFIC COAST STYLES OF  
CROSS CUT TEETH**

The character and large size of timber found in certain sections of the Pacific Coast have given rise to the use of several individual styles and shapes of teeth.

On the following pages we illustrate and fully describe all the various saws in use on the coast.

As it is difficult, however, in so small an illustration to give the exact construction of the teeth and rakers, we show below a few patterns in most general use.

TYEE NO. 251



EUREKA NO. 68



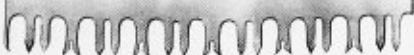
REDWOOD FALLING NO. 67



HOWATSON NO. 252



REDWOOD KING NO. 64



PERFECTION No 55



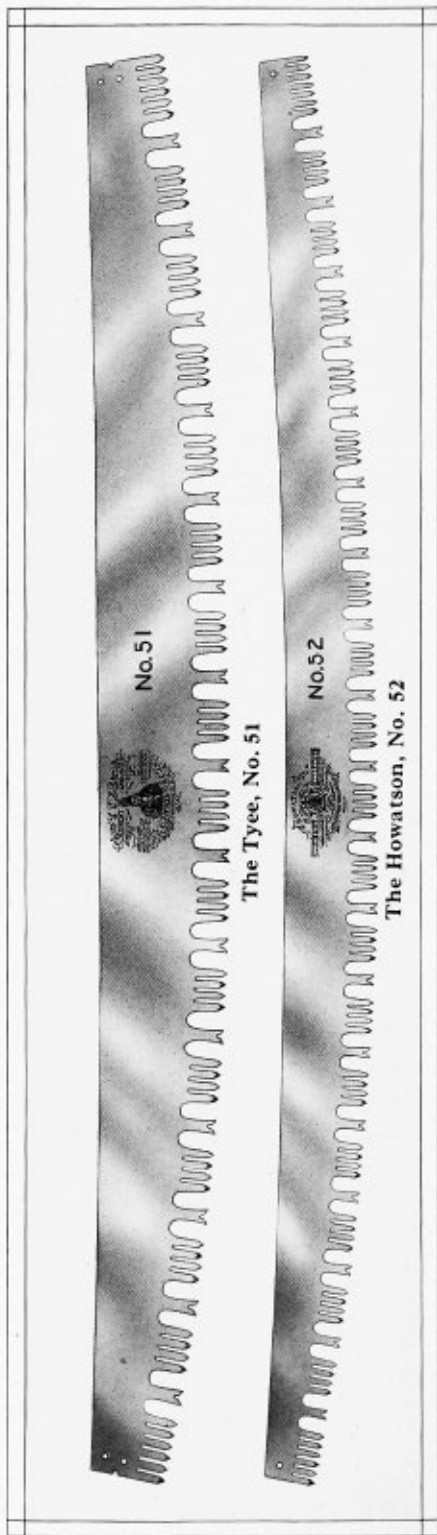
TUTTLE TOOTH, NO. 263



VICTOR, No 360



ATKINS PACIFIC COAST PATTERN CROSS CUT SAWS



ATKINS TYEE, No. 51

This is a full width, heavy blade, toothed to the end. The teeth and rakers are extra long, with wide roomy gullets, for clearing the kerf of sawdust. They are particularly recommended for use in cutting fir, western pine and similar woods.

ATKINS HOWATSON, No. 52

This saw has similar teeth to the Tye, but blade is considerably narrower and is recommended for falling purposes, in woods similar to those for which the Tye is best adapted.

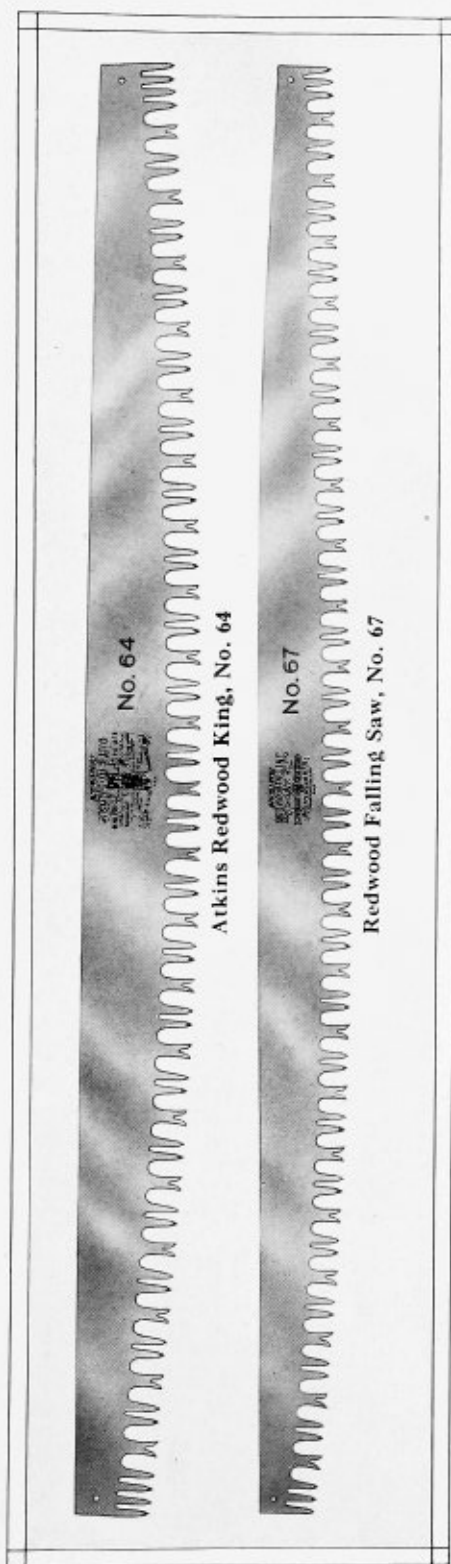
Both these saws are made of Atkins Silver Steel, which insures a maximum toughness and longest wear. They are also Segment Ground.

Both the above saws are also made in Atkins High Grade Special Steel at the following list prices. In special steel, the Tye is known as No. 251, and the Howatson as No. 252.

Length	6	6½	7	7½	8	8½	9	9½	10	11	12
No. 251, Tye, Special Steel, 13x17 gauge.....feet											
No. 252, Howatson, Special Steel, 13x17 gauge.....each	\$5.00	\$5.65	\$6.30	\$6.95	\$7.60	\$8.25	\$8.90	\$9.55	\$10.20	\$10.85	\$11.50
No. 51, Tye, Silver Steel, 13x17 gauge.....each	7.20	7.80	8.40	9.00	9.60	10.20	10.80	11.40	12.00	12.60	13.20
No. 52, Howatson, Silver Steel, 13x17 gauge.....each	9.	9.83	11.	11.90	12.70	13.50	14.30	15.10	15.90	16.70	17.50
Weight, Tye, per saw.....pounds	7.	7.78	8.40	8.99	9.69	10.38	11.07	11.76	12.45	13.14	13.83
Weight, Howatson, per saw.....pounds											

Prices as given above do not include handles.

## ATKINS PACIFIC COAST PATTERN CROSS CUT SAWS SILVER STEEL



### ATKINS REDWOOD KING, No. 64

Atkins Redwood King, No. 64, as its name implies, is used almost exclusively in cutting redwood and woods of similar character. This saw is adapted especially for bucking and is a wide, heavy blade. It is  $4\frac{5}{8}$  inches wide at end, 7 inches wide at center, with  $1\frac{1}{4}$  inch bow on back. Made in lengths from 6 to 20 feet, and in several different thicknesses as listed below.

### ATKINS REDWOOD FALLING, No. 67

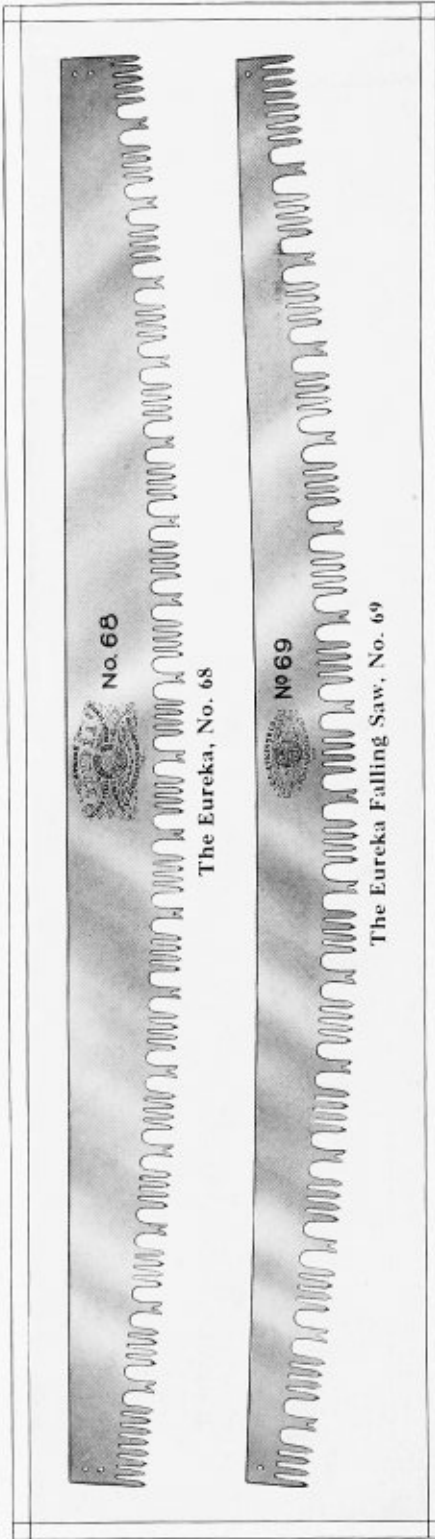
This is the companion saw to Redwood King, No. 64, but is designed particularly for falling purposes. Both the above saws are made of Atkins Silver Steel, and will therefore give the best results under heavy service.

		ATKINS REDWOOD KING															
		6	6 $\frac{1}{2}$	7	7 $\frac{1}{2}$	8	8 $\frac{1}{2}$	9	9 $\frac{1}{2}$	10	10 $\frac{1}{2}$	11	12	14	16	18	20
Length	Standard, 13 gauge	7.20	7.80	8.40	8.90	9.60	12.00	13.10	14.25	15.50	18.50	22.50	26.00	30.00	34.00	40.00	
	No. 64, 11 gauge	7.44	8.06	8.68	9.30	9.92	12.34	13.46	14.63	15.90	18.94	22.48	26.56	30.64	34.72	40.80	
	No. 65, 10 gauge	7.66	8.19	8.82	9.45	10.08	12.51	13.64	14.82	16.10	19.16	22.72	26.84	30.96	35.08	41.20	
	No. 66, 9 gauge	8.02	8.58	9.24	9.90	10.56	13.02	14.18	15.39	16.70	19.82	23.44	27.68	31.92	36.16	42.36	
	Weight, No. 64, Standard, 13 gauge, per saw	7.90	8.40	8.90	10.40	10.90	11.40	11.90	12.40	12.90	13.90	14.90	16.90	18.90	20.90	22.90	
	Weight, No. 64, 11 gauge, per saw	8.40	9.20	11.57	12.91	13.58	14.25	14.92	15.59	16.26	17.60	18.94	21.62	24.30	26.98	29.66	
	Weight, No. 65, 10 gauge, per saw	11.80	12.20	12.60	14.00	14.42	14.84	15.26	15.68	16.10	16.94	17.78	19.46	21.14	22.82	24.50	
	Weight, No. 66, 9 gauge, per saw	10.93	12.42	13.91	15.40	16.57	17.74	18.91	20.08	21.25	23.59	25.93	27.27	29.61	31.95	34.29	
		ATKINS REDWOOD FALLING, No. 67															
	No. 67, Standard, 12 gauge	7.20	7.80	8.40	8.90	9.60	12.00	13.10	14.25	15.50	18.50	22.50	26.00	30.00	34.00	40.00	
	Weight, per saw	7.00	7.78	8.40	8.99	9.69	10.68	10.93	11.66	12.45	12.80	13.20	.....	.....	.....	.....	

Prices as given above do not include handles.

ATKINS PACIFIC COAST PATTERN CROSS CUT SAWS

SILVER STEEL



ATKINS EUREKA, No. 68

This saw was first designed for California trade, for use in cutting western redwood, pine, fir and other woods, but its reputation is spreading until it is now in general use throughout all sections of the western coast. An extra wide heavy blade, toothed to the end, and used for bucking.

ATKINS EUREKA FALLING, No. 69

Exactly similar to No. 68, excepting that it is a narrower blade and is used for falling and cutting smaller timber.

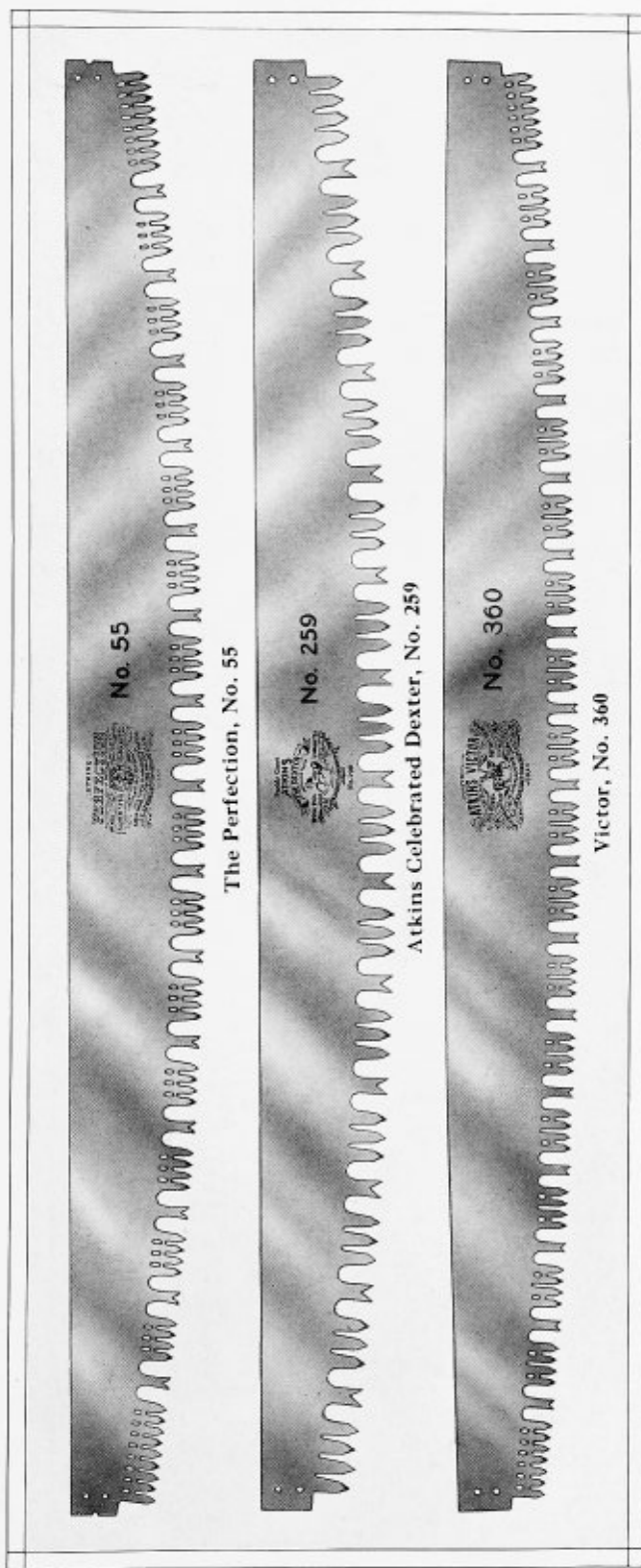
Both of the above saws are made of Atkins Silver Steel, and tempered in our gas furnaces to a very high degree of toughness and hardness. They will require very little re-fitting. They are also Segment Ground and will cut very fast and easy, needing but little set.

ATKINS EUREKA, No. 68 AND EUREKA FALLING, No. 69

Length.....	6	6½	7	7½	8	8½	9	9½	10	11	12	14	16	18	20		
No. 68, Eureka, 13x17 gauge.....each	\$7.20	\$7.80	\$8.40	\$9.00	\$9.60	\$10.20	\$11.00	\$12.00	\$13.10	\$14.25	\$15.50	\$18.50	\$22.00	\$26.00	\$30.00	\$34.00	\$40.00
No. 69, Eureka Falling, 13x17 gauge.....each	7.20	7.80	8.40	9.00	9.60	10.20	11.00	12.00	13.10	14.25	15.50	18.50	22.00	26.00	30.00	34.00	40.00
Weight, No. 68, Eureka, per saw.....pounds	9.	9.83	11.	11.90	12.70	13.3	13.9	14.5	15.1	16.3	17.5	19.9	22.3	24.7	27.1		
Weight, No. 69, Eureka Falling, per saw.....pounds	7.	7.78	8.40	8.99	9.69	10.63	10.93	11.66	12.25	12.80	13.20	14.80	16.40	18.	19.60		

Prices as given above do not include handles.

ATKINS PACIFIC COAST PATTERN CROSS CUT SAWS



No. 55

The Perfection, No. 55

No. 259

Atkins Celebrated Dexter, No. 259

No. 360

Victor, No. 360

**ATKINS PERFECTION, No. 55**  
Now being used extensively throughout the western coast. Full width blade. Four cutting teeth and raker. Toothed to the end.

**ATKINS DEXTER, No. 259**

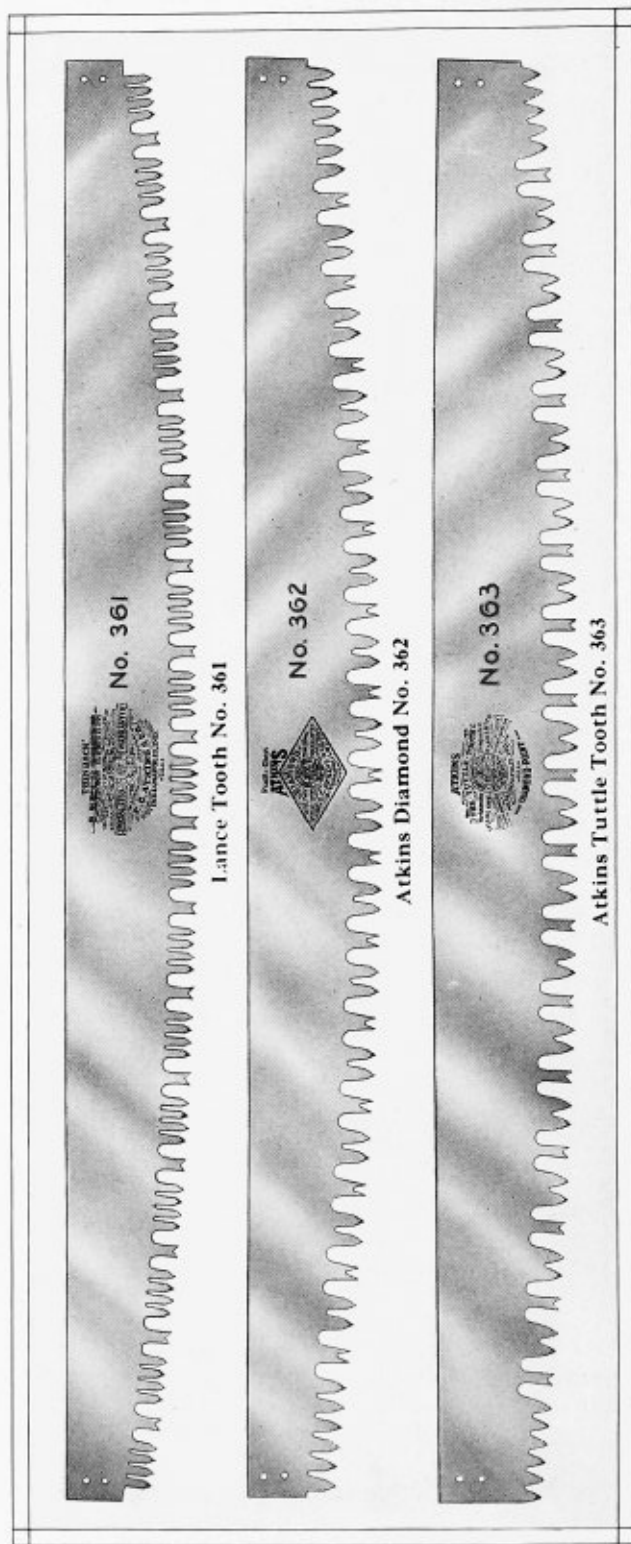
This saw was first introduced in the east, but has become a great favorite in certain sections of the Pacific Coast. This is the special Pacific Coast Pattern. It is made under a patent, which consists of a depression on the face of the cutting teeth, through the center from point to base, thus removing all friction while in use, giving strength and stiffness to the teeth and increasing three-fold the durability of the set. No. 605 same as above, excepting it is 13x17 gauge.

**ATKINS VICTOR, No. 360**

A popular Canadian pattern that has found its way into all sections of the Pacific Coast. Sometimes called the Lance Tooth Perforated Pattern. 14x18 gauge. No. 703 is similar excepting that it is 13x17 gauge.

Length	4 1/2	5	6	7 1/2	8
No. 55, Perfection, Silver Steel only, 14x18 gauge	\$9.10	\$3.60	\$4.10	\$5.60	\$6.40
No. 55, Perfection, Silver Steel, 14x18 gauge	each	each	each	each	each
No. 259, Dexter, Special Steel, 14x18 gauge	3.20	3.60	4.00	4.40	4.80
No. 259, Dexter, Special Steel, 13x17 gauge	each	each	each	each	each
No. 605, Victor, Special Steel, 14x18 gauge	2.56	2.88	3.20	3.52	3.84
No. 605, Victor, Special Steel, Lance Tooth perforated, thin back, 14x18 gauge	each	each	each	each	each
No. 703, Victor, Special Steel, Lance Tooth perforated, thin back, 13x17 gauge	2.88	3.24	3.60	3.96	4.32
Weight, per saw	5.	6.10	6.60	7.10	7.70
Prices as given above do not include handles	8.26	8.96	10.16	11.17	

ATKINS PACIFIC COAST PATTERN CROSS CUT SAWS



Similar to the Lance Tooth described on the previous page, excepting that it is made without perforations. 14x18 gauge. No. 704 is similar excepting that it is 13x17 gauge.

This is the old popular Diamond Tooth Cross Cut Saw. Now in general use. Pacific Coast Pattern. Is toothed to the end. 14x18 gauge. No. 706 is similar excepting that it is 13x17 gauge.

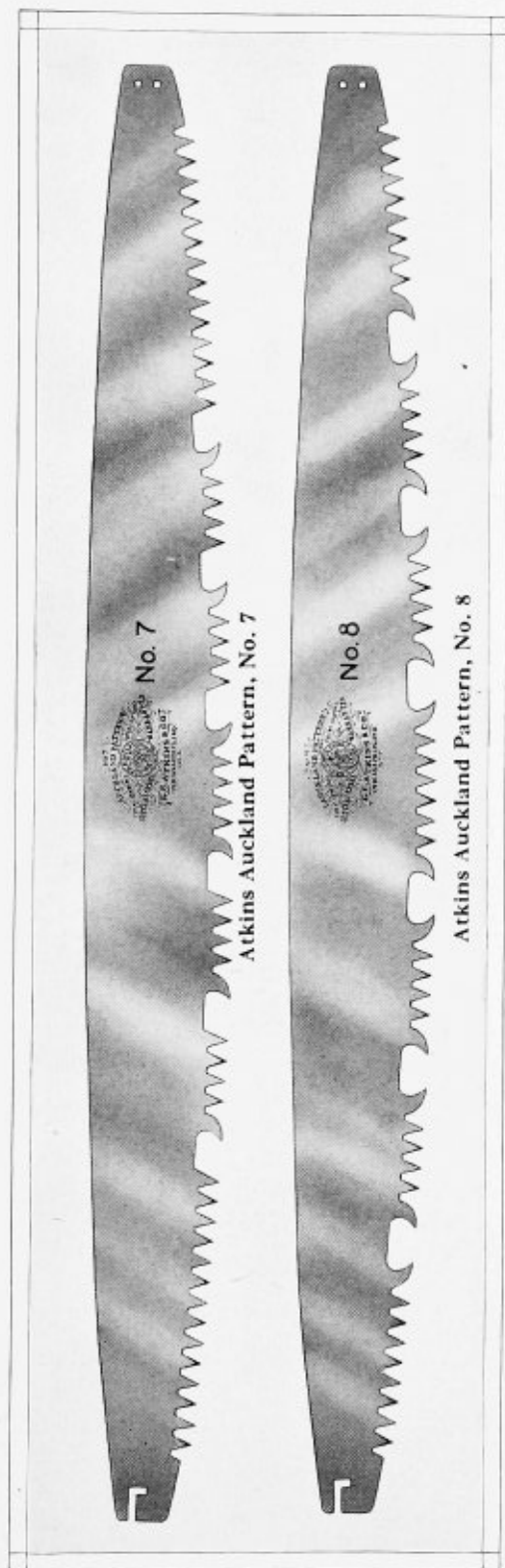
This is the old original Turtle Tooth. The best saw in the world for the money. Diamond point. Toothed to the end for Pacific Coast use. 14x18 gauge. No. 708 same as above, excepting 13x17 gauge. No. 707 is 13x15 gauge.

All the above saws are made of Atkins High Grade Special Steel highly tempered, carefully ground, finely finished, but can be furnished in Silver Steel when so ordered at Silver Steel price.	Length	Weight, per saw	Price	Weight, per saw	Price
No. 361, Lance Tooth, thin back, not perforated, special steel, 14x18 gauge	4	41.5	\$2.56	5	\$3.20
No. 704, Lance Tooth, thin back, not perforated, special steel, 13x17 gauge	4	41.5	\$2.88	5	\$3.52
No. 362, Diamond, thin back, special steel, 14x18 gauge	4	39.4	2.88	5	3.60
No. 706, Diamond, thin back, special steel, 13x17 gauge	4	39.4	2.70	5	3.30
No. 363, Turtle Tooth, thin back, diamond point, special steel, 14x18 gauge	4	39.4	2.80	5	3.50
No. 708, Turtle Tooth, thin back, diamond point, special steel, 13x17 gauge	4	39.4	2.70	5	3.40
No. 707, Turtle Tooth, thin back, diamond point, special steel, 13x15 gauge	4	39.4	2.64	5	3.30
No. 708, Turtle Tooth, thin back, diamond point, special steel, 13x15 gauge	4	39.4	2.64	5	3.30

Prices as given above do not include handles.



ATKINS AUSTRALASIAN PATTERN CROSS CUT SAWS



ATKINS AUCKLAND PATTERNS OF CROSS CUT SAWS

The various saws shown on this and the following pages represent those now in general use throughout Australasia.

The peculiar styles of teeth shown are the result of very careful study as to the best construction for use in the different woods indigenous to that section.

They are usually made of Atkins High Grade Special Steel, but can be supplied in Silver Steel, when specified.

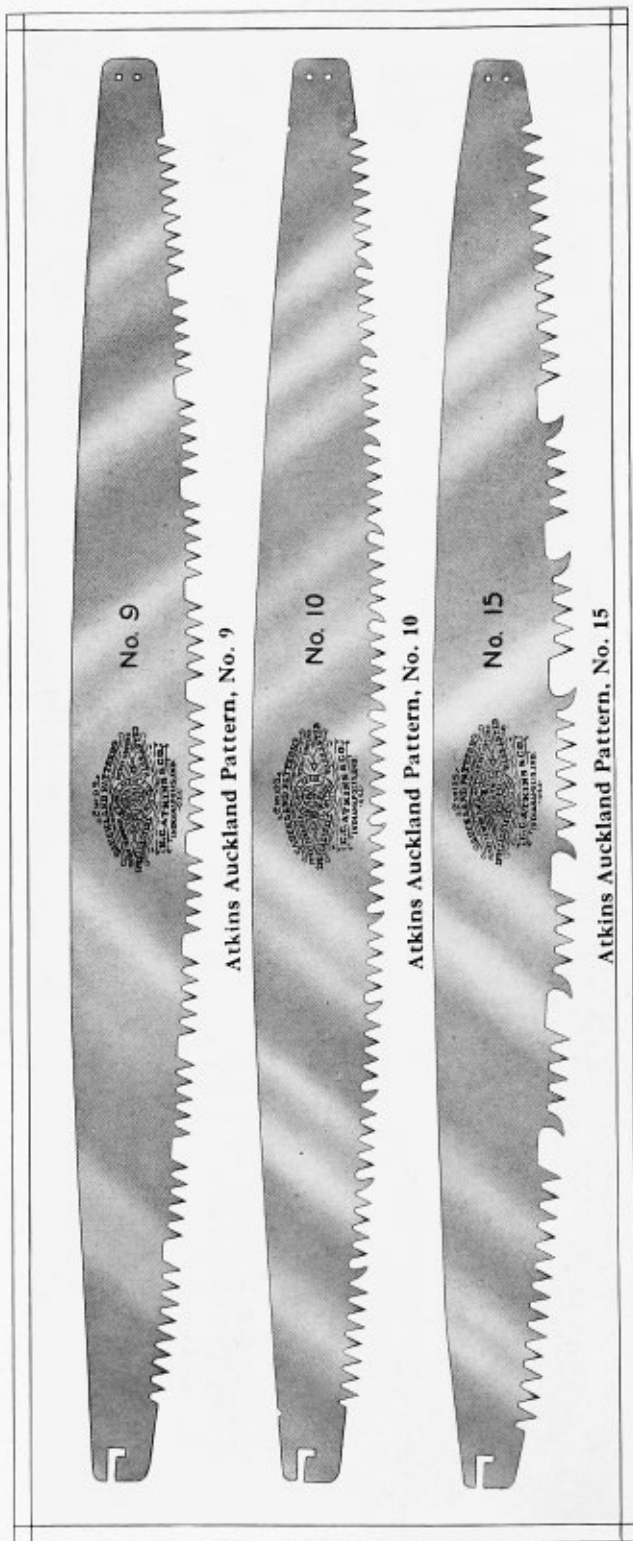
Nos. 7 and 46, space of teeth, 6 and 6½ feet, 1 inch; 7 feet, 1½ inches; 7½ feet, 1¼ inches; 8 and 8½ feet, 1⅝ inches; 9 to 10 feet, 1½ inches. Space between sections of teeth, 2½ inches.

Nos. 8 and 47, space of teeth, 6 and 6½ feet, 1 inch; 7 to 10 feet, 1¼ inches. Space between sections of teeth, 2 inches.

Length .....	5	5½	6	6½	7	7½	8	8½	9	9½	10
Nos. 7 and 8, Special Steel.....each	\$3.50	\$3.85	\$4.20	\$4.55	\$4.90	\$5.25	\$5.60	\$6.54	\$6.93	\$7.32	\$7.70
Nos. 46 and 47, Silver Steel.....each	4.10	4.80	5.60	6.40	7.30	8.30	9.30	11.58	12.26	12.94	13.63
Weight, per saw .....	7.76	8.05	8.40	8.75	9.87	10.85	11.69	12.22	14.70	15.40	16.10

Prices as given above do not include handles.

ATKINS AUSTRALASIAN PATTERN CROSS CUT SAWS

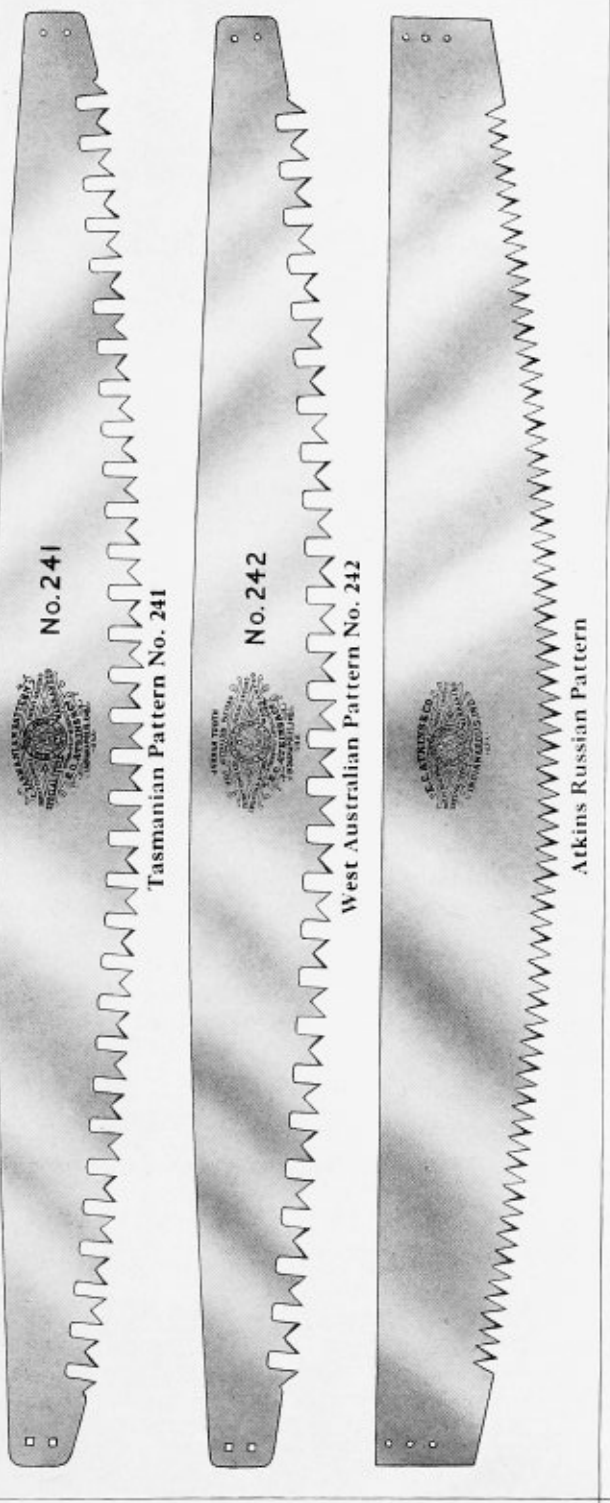


Nos. 9 and 48; space of teeth, all sizes, 1 1/4 inches. Space between sections of teeth, 2 7/8 inches.  
 Nos. 10 and 49; space of teeth in 5 foot saws, 1 1/4 inches. All other sizes, 1 1/2 inches. Space between sections of teeth, 1 1/4 inches.  
 Nos. 15 and 50; space of teeth, 6 to 7 1/2 foot saws, 1 inch; 8 to 10 foot saws, 1 1/4 inches. Space between sections of teeth, 2 1/4 inches.

Length	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10
No. 9, Special Steel.....feet	\$3.00	\$3.30	\$3.60	\$3.90	\$4.20	\$4.50	\$4.80	\$5.61	\$5.94	\$6.27	\$6.00
No. 48, Silver Steel.....each	4.10	4.80	5.00	6.40	7.30	8.30	9.30	11.58	12.26	12.94	13.63
No. 10, Special Steel.....each	3.50	3.85	4.20	4.55	4.90	5.25	5.60	6.54	6.93	7.32	7.70
No. 49, Silver Steel.....each	4.10	4.80	5.60	6.40	7.30	8.30	9.30	11.58	12.26	12.94	13.63
No. 15, Special Steel.....each	3.50	3.85	4.20	4.55	4.90	5.25	5.60	6.54	6.93	7.32	7.70
No. 50, Silver Steel.....each	4.10	4.80	5.60	6.40	7.30	8.30	9.30	11.58	12.26	12.94	13.63
Weight, per Saw.....pounds	7.76	8.05	8.40	8.75	9.87	10.85	11.69	12.22	14.70	15.40	16.10

Nos. 9 and 48 are the same in design, also Nos. 10 and 49, and Nos. 15 and 50. Prices as given above do not include handles.

## ATKINS CROSS CUT SAWS



Atkins Tasmanian Pattern: Width of gullets is  $\frac{1}{4}$  inch; depth of gullets,  $\frac{1}{16}$  inch, and distance from point to point is  $1\frac{1}{8}$  inches.  
 Atkins West Australian Pattern: Width of gullets,  $\frac{1}{8}$  inch; depth of gullets,  $\frac{1}{8}$  inches, and distance from point to point,  $1\frac{1}{8}$  inches.  
 No. 241, Tasmanian Pattern, Special Steel. No. 242, West Australian Pattern, Special Steel.

Length feet	Atkins Tasmanian Pattern, Silver Steel					Atkins West Australian Pattern, Silver Steel					Atkins Russian Pattern													
	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	
each	\$2.40	\$2.70	\$3.00	\$3.30	\$3.60	\$3.90	\$4.20	\$4.50	\$4.80	\$5.10	\$5.40	\$5.70	\$6.00	\$6.30	\$6.60	\$6.90	\$7.20	\$7.50	\$7.80	\$8.10	\$8.40	\$8.70	\$9.00	\$9.30
each	3.10	3.60	4.10	4.60	5.10	5.60	6.10	6.60	7.10	7.60	8.10	8.60	9.10	9.60	10.10	10.60	11.10	11.60	12.10	12.60	13.10	13.60	14.10	14.60
Weight, per saw	5-	6.1	6.6	7.1	7.7	8.2	8.7	9.2	9.7	10.2	10.7	11.2	11.7	12.2	12.7	13.2	13.7	14.2	14.7	15.2	15.7	16.2	16.7	17.2

### RUSSIAN PATTERN

Length	feet	Price, per Foot
14 gauge	each	\$1.30
15 gauge	each	1.14
16 gauge	each	1.08
17 gauge	each	1.02

Saws over 5 feet long, not heavier than 14 gauge, price 30 cents per foot.

### ATKINS GANG SAWS—SPECIAL STEEL

Width, Inches	Price, per Foot					Width, Inches	Price, per Foot					
	10 Gauge	11 Gauge	12 Gauge	13 Gauge	14 Gauge		10 Gauge	11 Gauge	12 Gauge	13 Gauge	14 Gauge	15 Gauge
4½	\$ .66	\$ .64	\$ .62	\$ .60	\$ .58	7	\$ .79	\$ .77	\$ .75	\$ .73	\$ .71	\$ .69
5	.69	.67	.65	.63	.61	8	.84	.82	.80	.78	.76	.74
6	.74	.72	.70	.68	.66							

## **ATKINS CROSS CUT SAW HANDLES**

Every cross cut saw handle shown on the following pages is made in our own factory under our personal supervision, and we claim them to be unequalled.

On all steel parts, we use a special high tensile strength cold drawn steel. This is very hard and tough, but light, thus giving the greatest strength with least weight.

All malleable parts are cast from carefully selected material and are exceedingly smooth and tough, which insures the greatest wear, but are light and compact.

We are exclusive users of the Spot Electric Welded Process in the treatment of all steel loops. This gives the user a decided advantage, as the parts become as strong as if one solid piece and the weld cannot be broken.

Particular attention is given to the manner in which all threads are cut. The high quality of the metal parts enables us to use extra heavy dies, thus producing a thread which does not easily become worn or torn and on which the bolts, loop ends, and turn buckles will operate freely and withstand the severest tension.

We use nothing but carefully selected, thoroughly dried and seasoned hardwood stock. This is cut into proper specifications and manufactured throughout by use of the most improved appliances. Each operation is carefully inspected, to the end that only perfect handles are passed.

We show a wide diversity of styles and range of price, covering original ideas, as well as those in common usage.

They are packed in wire-bound boxes, which reduces the shipping weight to the minimum.

We invite an investigation of Atkins Handles, and a careful comparison with any other brand.

ATKINS CROSS CUT SAW HANDLES

**No. 1**

10 inches long irrespective of loops. Selected air-dried hardwood. Extra heavy spot electric welded steel loop, three welds. Malleable nuts. Castings black japanned. Capacity three to four and one-half inches. Packed 50 pairs in wire-bound box weighing 108 pounds.

Price .....per pair \$ .36

**No. 2**

14 inches long. Made of selected beech or maple. Reversible. Illustration shows handle reversed. Castings may be used in center or on end. All malleable. Not japanned. Packed 50 pairs in wire-bound box weighing 120 pounds.

Price .....per pair .30

**No. 3**

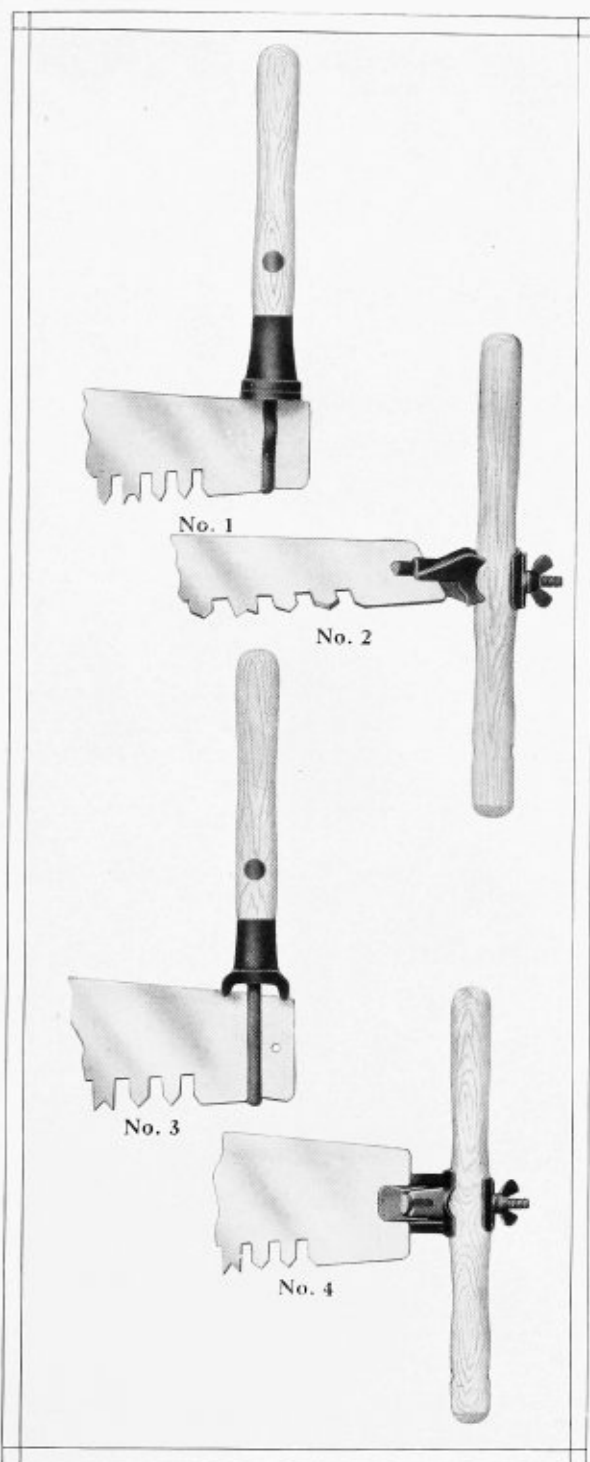
10 inches long irrespective of loops. Malleable casting and swivel washer cast to socket. Spot electric welded loop of high tensile strength, cold drawn steel. Capacity three to four and one-half inches. Japanned black. Packed 50 pairs in wire-bound box weighing 92 pounds.

Price .....per pair .24

**No. 4**

14 inches long. Reversible. Saw may be attached to either the end or middle of handle. All castings malleable. Carefully selected hardwood stock. Dexter Pattern. Packed 75 pairs in wire-bound box weighing 130 pounds.

Price .....per pair .30

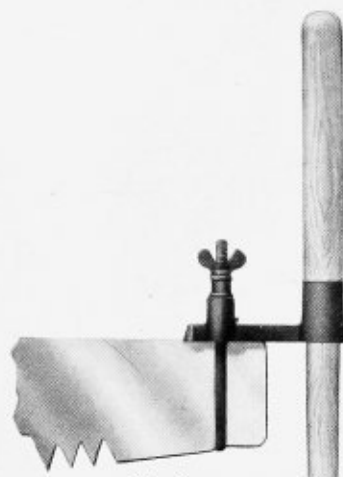


# ATKINS SILVER STEEL SAWS

## ATKINS CROSS CUT SAW HANDLES

### No. 5

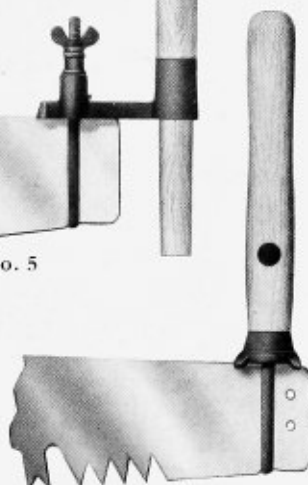
14 inches long. Used extensively on Pacific coast. Extra strong malleable bracket. Spot electric welded loop of high tensile strength, cold drawn steel. Castings japanned black. Capacity three to four and one-quarter inches. 50 pairs in wire-bound box weighing 115 pounds.  
Price .....per pair \$ .30



No. 5

### No. 6

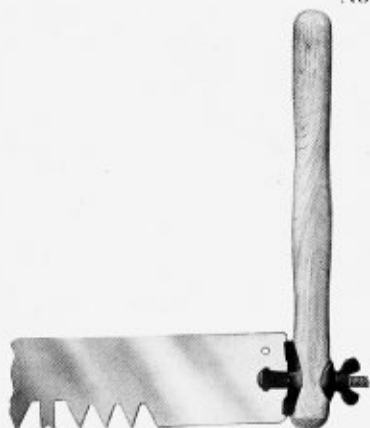
10 inches long irrespective of loops. Similar to No. 3 but lighter castings. Steel loop spot electric welded. Capacity three to four and one-quarter inches. Specially selected air-dried hardwood stock. Packed 150 pairs in wire-bound box weighing 185 pounds.  
Price .....per pair .16



No. 6

### No. 7

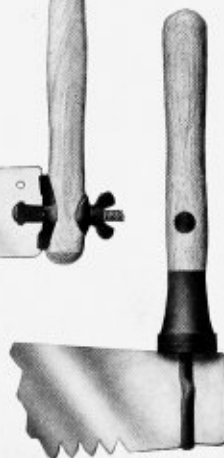
14 inches long. Reversible. Best grade hardwood stock. Malleable bolt. Cast steel face plate and washers. Our exclusive pattern. Packed 100 pairs in wire-bound box weighing 140 pounds.  
Price .....per pair .15



No. 7

### No. 8

10 inches long irrespective of loops. Loop of extra strong high tensile strength steel. Spot electric welded. Japanned black. Malleable nuts. Packed 50 pairs in wire-bound box weighing 108 pounds.  
Price .....per pair .20



No. 8

### No. 8 SHORT PATTERN

Same as regular No. 8 only 7½ inches long. Packed 100 pairs in wire-bound box weighing 100 pounds.

Price .....per pair .20

ATKINS CROSS CUT SAW HANDLES

**No. 9**

14 inches long. Popular Pacific Coast pattern. Reversible. Malleable bracket. Spot electric welded steel loop. Japanned black. Extra fine air-dried hardwood stock. Capacity three to four and one-half inches. Packed 50 pairs in wire-bound box weighing 125 pounds.

Price.....per pair \$ .30

**No. 10**

9½ inches long irrespective of loops. Selected hardwood stock. Cast steel socket and washer. Loop of high tensile strength, cold drawn steel. Spot electric welded. Packed 150 pairs in wooden box weighing 175 pounds.

Price.....per pair .14

**No. 11**

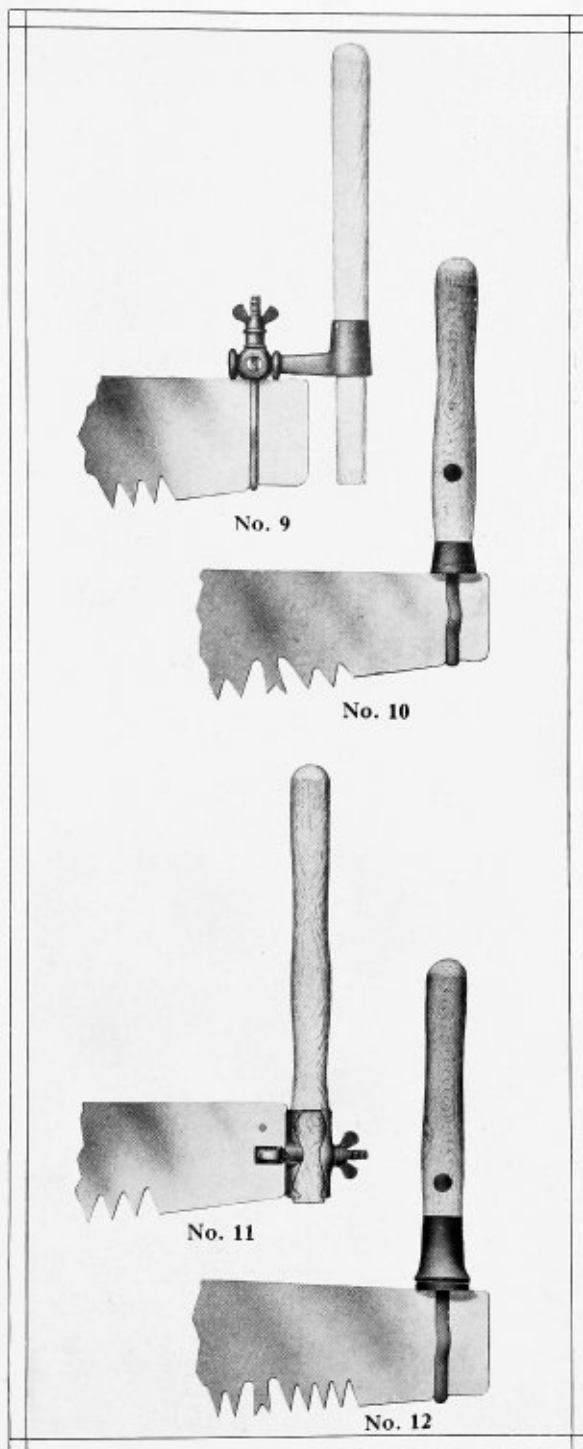
14 inches long. Climax Pattern. Reversible. Cast iron face plate and washer. High grade malleable bolt with lock rivet feature, preventing rivet from becoming detached. Easily adjusted. Packed 100 pairs in wire-bound box weighing 170 pounds.

Price.....per pair .15

**No. 12**

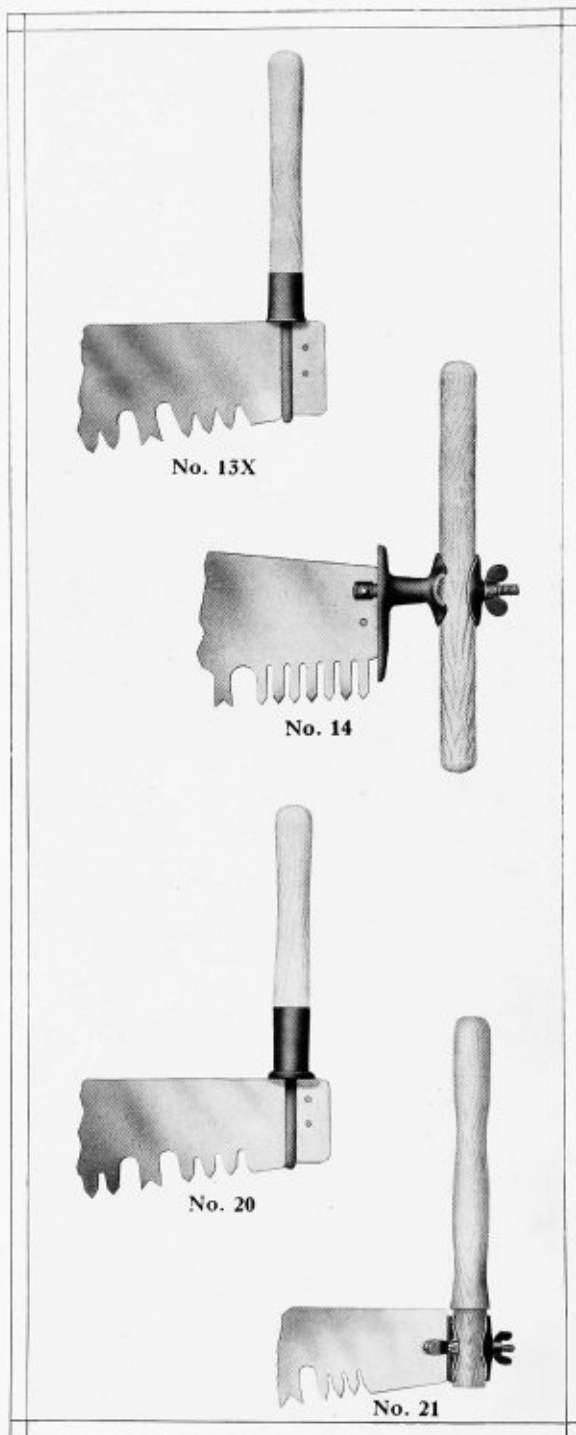
10 inches long irrespective of loops. High grade. Contains exclusive features. Non-breakable malleable socket, washer and nut. Spot electric welded steel loop. Selected clear white hardwood stock. Japanned red. Capacity 3 to 4½ inches. 50 pairs in wire-bound box weighing 98 pounds.

Price.....per pair .40



# ATKINS SILVER STEEL SAWS

## ATKINS CROSS CUT SAW HANDLES



**No. 13X**

10 inches long irrespective of loops. Malleable socket, case hardened face or bearing on saw. Very light and strong. Loop of high tensile strength cold drawn steel. Spot electric welded. Japanned black. Capacity three to four inches. Packed 50 pairs in wire-bound box weighing 70 pounds.

Price.....per pair \$ .30

**No. 14**

14 inches long. A famous Pacific Coast pattern. 6 inch machine-made steel bolt. Extra heavy malleable wing nut. Quick action in removing from saw. Reversible. Japanned red. Packed 50 pairs in wire-bound box weighing 165 pounds.

Price.....per pair 1.00

**No. 20**

9 inches long irrespective of loops. Very strong and light. Socket of highest grade ferrule steel with patented swivel feature. Easily adjusted. Spot electric welded steel bolt. Japanned black. Capacity 2½ to 3½ inches. 50 pairs in wire-bound box weighing 75 pounds.

Price.....per pair .36

**No. 21**

14 inches long. Climax Pattern. Similar to No. 11 but lighter castings. Reversible. Cast steel clasp and washer. Malleable bolt with lock rivet feature prevents rivet from becoming detached. 100 pairs in wire-bound box weighing 150 pounds.

Price.....per pair .14



ATKINS CROSS CUT SAW HANDLES

No. 22

14 inches long. We recommend this pattern highly. Extra strong. Easily adjusted. Extra heavy malleable castings. Machine-made steel bolt, extra large. "Big Bolt" Pattern. Extra large wings prevent castings from slipping. Japanned black. Packed 50 pairs in wire-bound box weighing 85 pounds.

Price.....per pair \$ .55

No. 25

12 inches long irrespective of loops. Reinforced by heavy machine steel bolt running through the entire center. Socket washer and loop extra high grade malleable. Long ears prevent blades from slipping. Japanned red, loop black. Capacity three to four and one-half inches. Packed 50 pairs in wire-bound box weighing 135 pounds.

Price.....per pair .36

No. 26

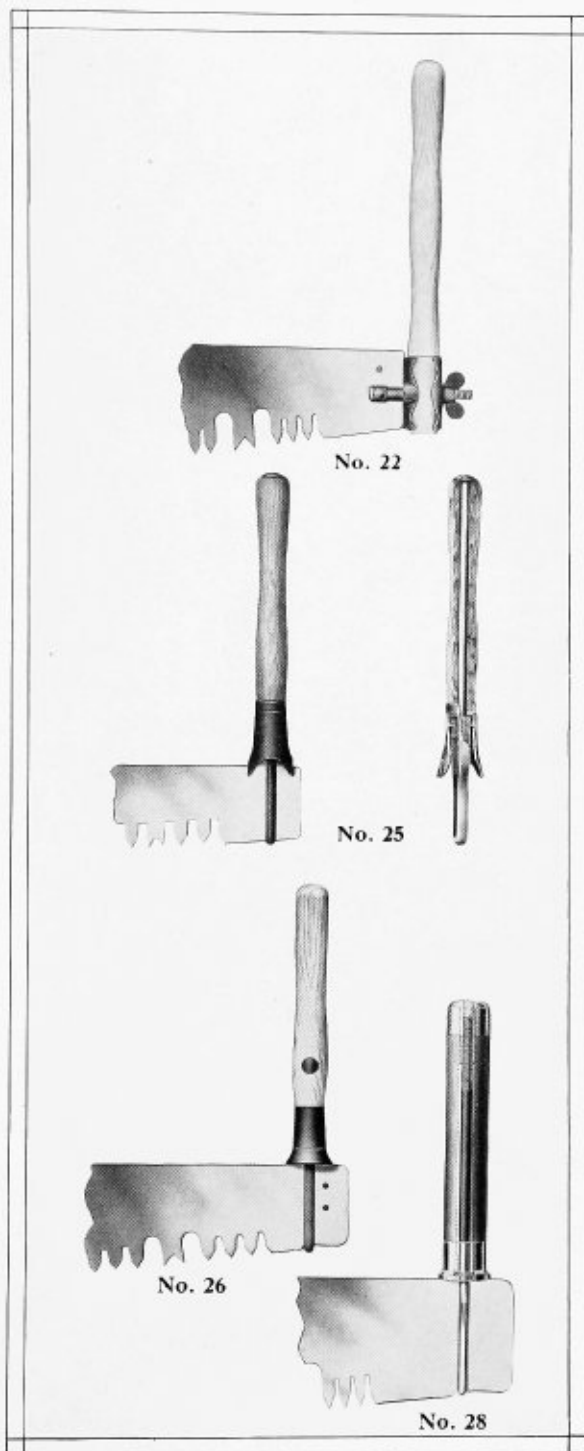
10 inches long irrespective of loops. Mechanically, the most practical handle on the market. Loop of extra heavy high tensile strength cold drawn steel. Spot electric welded. Castings japanned black. Capacity three to four and one-half inches. Packed 100 pairs in wire-bound box weighing 165 pounds.

Price.....per pair .24

No. 28

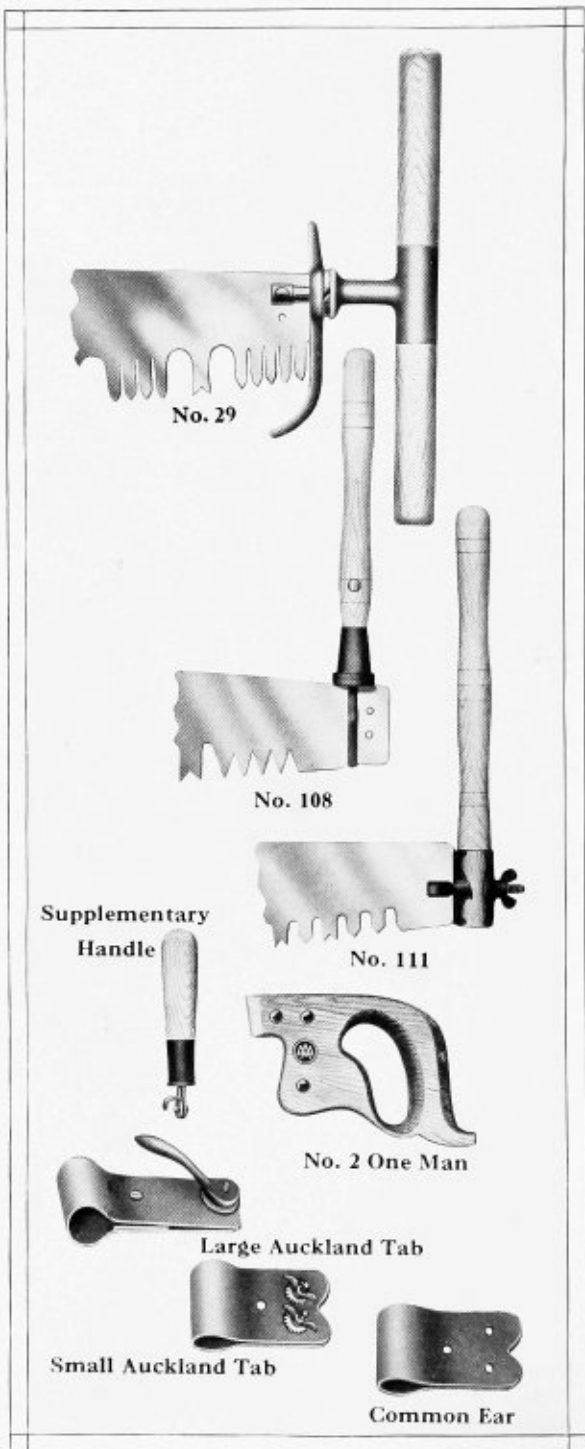
8 inches long irrespective of loops. Destined to be the most popular handle in the world. Short and "stocky." High tensile strength, cold drawn steel loop extends throughout handle and screws into pressed steel ferrule on end. Capacity two and three-quarters to four and one-half inches. Packed 50 pairs in wire-bound box weighing 81 pounds.

Price.....per pair .60



# ATKINS SILVER STEEL SAWS

## ATKINS CROSS CUT SAW HANDLES



### No. 29

14 inches long. New Pacific Coast pattern. Turned machine steel bolt, fastens to blade by rivet, opposite end screws into malleable socket. Saw fastened by revolving handle. Operated at horizontal or vertical position. Hardwood, finely finished. Packed 50 pairs in wire-bound box weighing 200 pounds. Price .....per pair \$1.10

### No. 108

12½ inches long irrespective of loops. A strictly fancy handle. Best selected white hardwood stock. Fancy scoring. Extra heavy spot electric welded steel loop. Malleable castings. Japanned black. Packed 50 pairs in wire-bound box weighing 115 pounds. Price .....per pair .27

### No. 111

15¼ inches long. High class in every particular. Specially selected white, air-seasoned hardwood. Fancy scoring. Malleable bolt and wing nut, tinned. Electric spot welded steel bolt. Castings japanned black. Packed 50 pairs in wire-bound box weighing 95 pounds. Price .....per pair .22

### ONE-MAN, No. 2

This is made of carefully selected hardwood, thoroughly seasoned and dried. Varnished edge, well finished. Easy Grip Pattern. Price does not include screws. Packed one dozen to a carton. Price .....per dozen 3.00

### SUPPLEMENTARY FOR ONE-MAN SAWS

Made of thoroughly seasoned, air-dried hardwood stock. Socket and washer of high-grade ferrule steel. Malleable iron bolt with locked rivet feature, preventing rivet from becoming detached. Packed one dozen to a carton. Price .....per dozen 1.75

### TABS FOR CROSS CUT SAWS

Large Auckland Tabs..per dozen 2.55  
 Small Auckland Tabs..per dozen 1.80  
 Common ears .....per dozen .45  
 Handles for common ears per pair .09

# ATKINS SILVER STEEL SAWS

## ATKINS PERFECTION SAW TOOLS

This set supplies a complete outfit of everything needed for properly re-fitting cross cut saws.

The combination tool shown at the top of this page may be used as a jointer, side file or for gauging the length of the raker teeth. These various operations are shown in the accompanying cut.

It also includes a tooth gauge whereby the proper set of the teeth may be measured and either a broad or narrow set given.

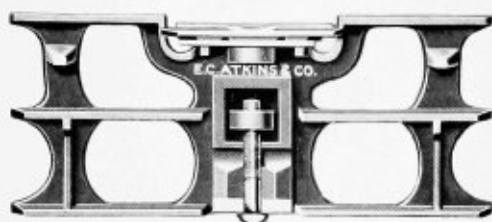
An Atkins Criterion Saw Set is included. This is one of the most improved tools for that purpose. It has a die which rests on the top of the tooth. The hammer blow comes in contact with this die instead of the tooth itself. This imparts a more even set and removes the liability of breakage. It is also possible to adjust this tool so as to secure any degree of set by raising or lowering the set screw on the opposite end.

A finely finished setting hammer completes the outfit. This hammer is made of fine cast steel, highly polished, and is fitted to a hardwood handle with a special attachment which prevents the hammer from coming loose.

Each set is packed one in a box, accompanied by full instructions for using each of the tools, so as to secure the best results.

Weight, per set 2½ pounds.

Price.....per dozen sets \$15.00



Perfection Tool



Criterion Saw Set



Raker Gauge



Tooth Set Gauge



Side File

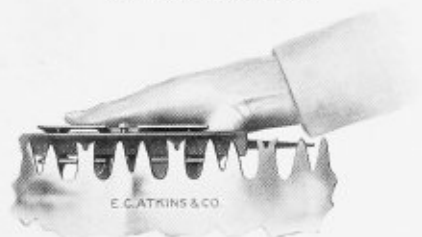


Jointer

ATKINS PATENT EXCELSIOR SAW TOOLS



Excelsior Saw Tool



Side File



Jointer



Raker Gauge



Tooth Set Gauge



Setting Block

No. 1

This is the old and original Excelsior Saw Tool. It is the first and most successful device ever invented for properly refitting cross cut saws. The complete set and the uses for which it is designed are fully shown in the accompanying illustration.

The combined tool is shown at the top of the page. It is used as a jointer, as a raker gauge, and also as a side file.

An eight inch file is fastened in the tool as shown in cut. The set screw slightly bends the file, giving it the proper curve. After jointing, the tool may also be used for gauging proper length of raker teeth, after which by re-adjusting the file, it may be used for side filing. See accompanying illustration.

A tooth set gauge is also included. This is made with long and short end, which by reversing, indicates a correspondingly light or heavy set, as desired.

The Atkins Improved Channeling Set Block completes the outfit. This block fastens to any flat surface, and the anvil, having a slight declivity, produces a concave on one side of the teeth thus insuring a more durable set and relieving the friction on the side of the teeth.

They are packed one complete set in an individual box, nicely labeled for shelf use. Full directions for operating accompany each set.

No. 2

Atkins Patent Excelsior Saw Tool, No. 2. This set is exactly similar to Excelsior No. 1, excepting that it is equipped with the ordinary setting block instead of the Improved Pattern used with No. 1.

No. 6

This tool is made for re-fitting One-Man Saws. It is similar to the Excelsior No. 2, excepting that the combination tool is a trifle smaller.

Price, No. 1.....	per dozen	\$7.00
Price, No. 2.....	per dozen	6.50
Price, No. 6.....	per dozen	6.50
Weight, No. 1, pounds,	per dozen	19
Weight, No. 2, pounds,	per dozen	19

## ATKINS EXCELSIOR SAW TOOLS

### ATKINS EXCELSIOR SAW TOOL, No. 5

This set consists of a special combination tool, which is so constructed that it may be used for either side filing, jointing or in gauging the proper height of the rakers.

It is similarly constructed to the regular Excelsior No. 1, as shown on page 102 excepting that it has an EXTRA HARD TOOL STEEL BAR which prevents the saw from wearing a groove on the under side of the bar when used as a raker gauge.

This feature more than trebles the life of this simple tool and makes it the most economical set.

Through the use of a set screw, a flat file may be fastened into the tool, enabling the user to operate it as a side file. This is shown in the accompanying illustration.

The same file may then be fastened to the device at another point and used as a jointer. This feature is illustrated in the accompanying picture.

There is also a tooth gauge, one point of which being slightly longer than the other enables the user to gauge either a heavy or light set.

A set block is included. It consists of a tool which may be readily attached to any flat surface. At one end, there is an anvil arrangement which is slightly beveled. The hammer blow being directed at that point, the proper set is given, uniformly and without the likelihood of breakage.

Atkins Excelsior Tool, No. 5 is adapted to any style of saw tooth.

They are packed one complete set in a box, with an attractive label and each box contains full instructions for operating.

Price.....per dozen \$8.50

Weight, 1 $\frac{1}{8}$  pounds each.



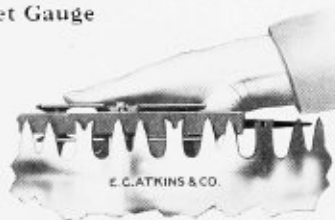
Excelsior Saw Tool No. 5



Jointer



Tooth Set Gauge



Side File

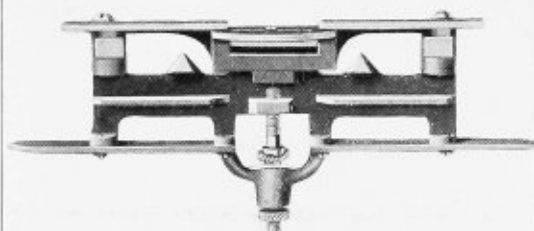


Raker Gauge

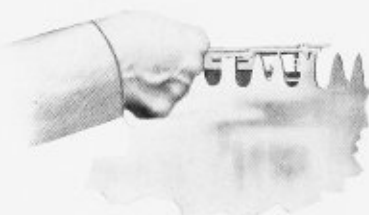


Setting Block

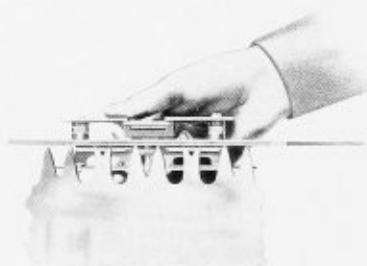
ATKINS "REX" COMBINED SAW TOOL



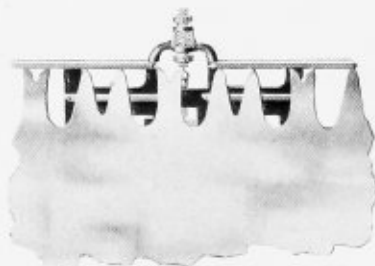
Rex Saw Tool



Raker Gauge



Jointer



Gauging Swaged Rakers

This tool combines a jointer, a slotted plate for adjusting the length of the raker teeth, and a gauge for determining the swage of the raker teeth in cross cut saws.

Teeth should first be jointed or made of uniform length. This is accomplished by placing a nine inch file in the jointer as shown in the illustration. By means of the screw, the file is tightened into place, and passed lightly over the points of the teeth until it reaches the shortest tooth.

If the cleaner or raker teeth are to be shortened, the tooth gauge should be placed over them as indicated and filed down to the gauge.

If it is desired to merely swage the point of the rakers, this may be done with a light blow of the hammer on the extreme point of the raker teeth. For this purpose, however, we strongly recommend Atkins Raker Tooth Swage, a very simple, cheap, but effective device shown on another page. The relative position of this point may be accurately gauged by applying the swaging gauge as shown in cut.

The sides of this tool, to which are fastened two pieces of hardened steel, make a very satisfactory straight edge to determine the relative position of the points of the various cutting teeth.

Packed in a neat cardboard box, attractively labeled. Full directions for operating accompany each tool.

Price.....per dozen \$12.00  
Weight, pounds ....per dozen 9

ATKINS DEXTER SAW TOOL

This tool consists of a combination jointer, raker gauge and side file.

To properly fit a cross cut saw, the tool is used in connection with an 8 inch mill bastard file. For use as a jointer the file is held firmly in place by a thumb screw, which springs it slightly to suit the curve of the saw. By simply passing the file lightly over the points of the teeth until it touches the shortest tooth, a uniform length will have been secured.

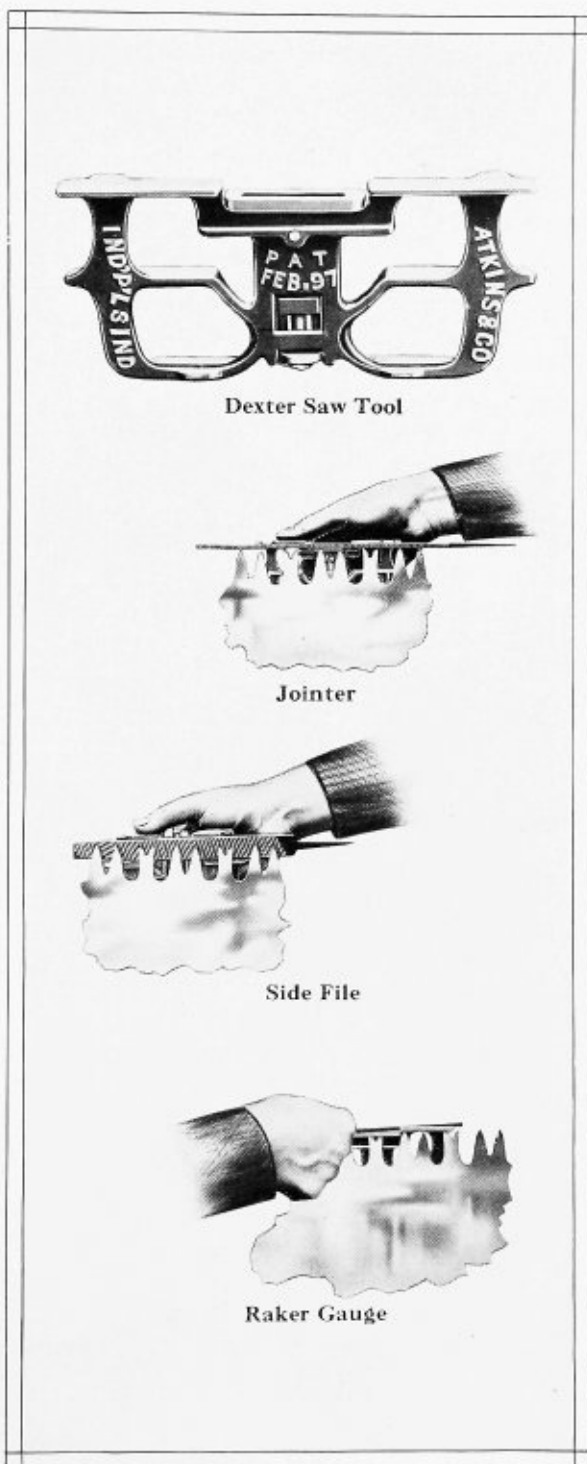
There is an adjustable gauge plate, which may be set to adjust the raker for hard or soft wood. This operates by simply placing the tooth gauge over the clearer or raker teeth, as indicated in the illustration and filing them down to the gauge.

The tool may also be used as a side file to remove any uneven edge or burr left in filing and also to even the set perfectly.

For setting we recommend the Atkins Criterion Saw Set shown on another page, which should be used in connection with a light hammer.

Packed one only in a box handsomely labeled, accompanied by full directions for use.

Price .....per dozen \$4.00  
Weight, per dozen ....pounds 4¾



ATKINS "PERFECT" SAW SET



This device is so constructed that a uniform blow can be given to each tooth, thus assuring an accurate set without likelihood of breaking the teeth or points.

The thumb screw in the center of the set fastens same to the bench.

To regulate the amount of set, the screw which supports the blade is moved up or down. This changes the angle at which the tooth is presented to the setting hammer.

There is a guide in the center of the tool which must be adjusted in order to secure the proper set on both fine and coarse teeth. The exact pitch desired may be secured by moving this guide either forward or backward. The tooth should rest on the apex of the setting block, two-thirds distant from the point of the tooth.

This tool is also made with a vise attachment as shown in the accompanying illustration. It may thus be used for jointing and filing. The jaws of the vise are lined with rubber to prevent vibration. The combination set fastens to the bench by a thumb screw.

Made of steel, malleable and gray iron castings. All wearing parts are reinforced. Simple, strong, durable and easily operated.

"PERFECT" SAW SET AND  
VISE COMBINED

Price .....each \$6.00  
Weight, each.....pounds 8<sup>5</sup>/<sub>8</sub>

"PERFECT" SAW SET

Price .....each 3.50  
Weight, each.....pounds 2<sup>5</sup>/<sub>8</sub>



# ATKINS SILVER STEEL SAWS

## ATKINS NOISELESS SAW VISES

Atkins Noiseless Saw Vises are made in four different patterns. While they vary in certain particulars, they are all designed to accomplish the same purpose.

The principal advantages lie in their easy adjustment, strong construction and satisfactory service. A slight pressure upon the outer jaw clamps the saw firmly into place. The vise operates on the lock lever principle, so that there is no chance of overstraining, as in the case where the screw is used.

The jaws of all vises are lined with rubber which makes them practically noiseless. The vise, setting as it does, close to the bench, does not vibrate, but is rigid. All wearing parts are reinforced. Made of the best malleable and finely finished throughout.

### No. 1-AA

This vise has an 11 inch jaw. It is fastened to the bench by a malleable iron screw clamp and may be readily detached and carried from place to place.

### No. 1-A

Similar to the 1-AA, excepting that it is fastened to the bench by the use of four wood screws, which may be easily removed for attachment wherever desired. It has an 11 inch jaw.

### No. 2-A

Made with a 15 inch jaw, otherwise similar to No. 1-A.

### No. 3-A

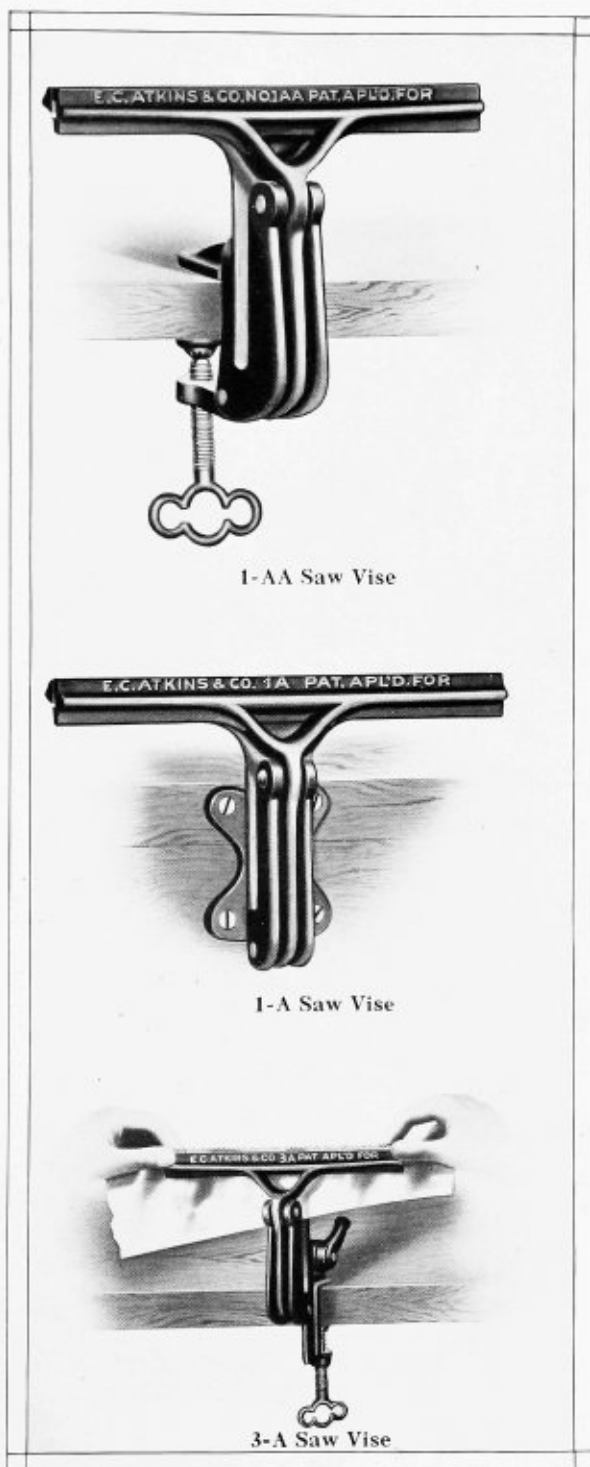
Length of jaws, 11 inches.

Fastened into place by use of a malleable iron screw clamp and may be readily attached to or detached from any bench, table or board.

The jaws are adjusted by the use of a lever which permits the vise to be tilted to any desired angle.

To clamp the saw into place, grasp the toothed edge with both hands, place the teeth at the desired height above the face of the jaws and clamp into position with the thumbs, without removing hands.

Price, No. 1-AA.....per dozen	\$16.00
Price, No. 1-A.....per dozen	13.00
Price, No. 2-A.....per dozen	15.00
Price, No. 3-A.....per dozen	18.00
Weight, No. 1-AA, each...pounds	5 $\frac{3}{4}$
Weight, No. 1-A, each...pounds	5 $\frac{1}{4}$
Weight, No. 2-A, each...pounds	8 $\frac{1}{4}$
Weight, No. 3-A, each...pounds	6 $\frac{1}{2}$



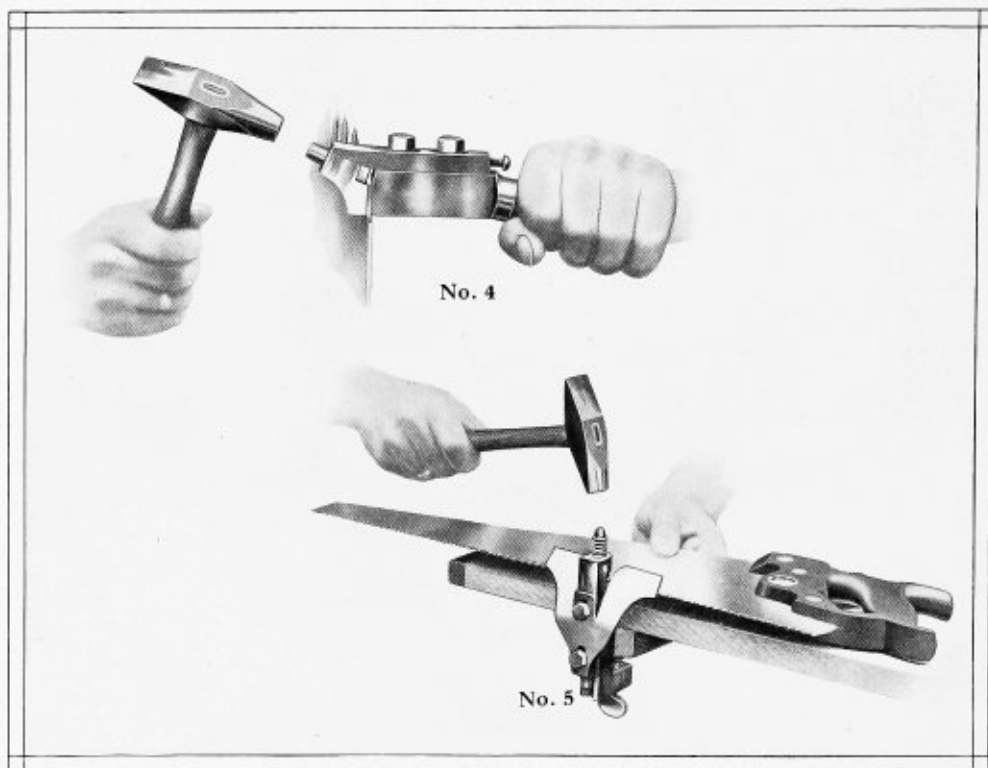
1-AA Saw Vise

1-A Saw Vise

3-A Saw Vise

# ATKINS SILVER STEEL SAWS

## ATKINS AAA SAW SETS



### ATKINS AAA SAW SET, No. 4

#### FOR CROSS CUT SAWS

The action of this device is clearly shown in the above illustration. The hammer blow reaching the tooth through the plunger prevents the likelihood of breaking the saw teeth. The amount of set may be regulated by moving the top slide. Absolute uniformity is assured as well as maximum speed. Given the amount of bevel and the slide may be instantly set to proper position. By simply placing the tool over the point of the tooth, and striking the plunger one blow, a perfectly uniform set, located properly on the tooth, is secured.

Made of fine crucible steel, handsomely finished. Weight 2 pounds. Packed one-half dozen in a box.

Price .....per dozen \$18.00

### ATKINS AAA SAW SET, No. 5

#### FOR HAND SAWS

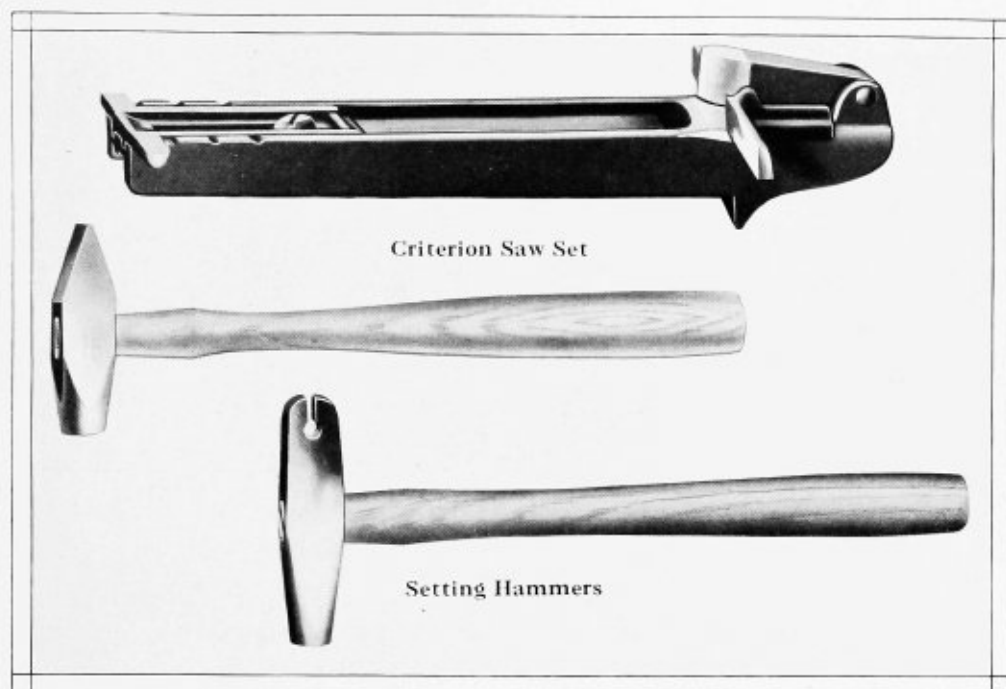
The above device operates on the same principle as the No. 4, the amount of set being regulated by moving the guide on the front, up or down. Its advantages are obvious, and it not only prevents the breaking of the saw teeth, but assures an absolutely uniform set, precluding the possibility of setting the teeth too far down on the blade. After setting each alternate tooth, the saw is reversed, thus enabling the operator to complete the process without changing the position of the tool.

Weight 1½ pounds. Packed one-half dozen in a box.

Price .....per dozen \$18.00

# ATKINS SILVER STEEL SAWS

## ATKINS SAW FITTING TOOLS



Criterion Saw Set

Setting Hammers

### ATKINS CRITERION SAW SET

Atkins Criterion Saw Set is used in setting all kinds of cross cut, hand, wood and other small saws.

We recommend the use of a hammer set in preference to a lever set, not only on account of the ability to secure more uniform results, but because there is less likelihood of breaking the teeth in this operation.

The Criterion Set has a die which rests on the tooth. This die is struck by the hammer instead of the blow coming in contact with the tooth itself.

A set screw on the opposite end makes the tool adjustable so that by raising or lowering, any desired degree of set may be secured. The pointed die makes the device adaptable to any size of tooth.

The Criterion Saw Set is made of the best refined malleable, lacquered a rich brown to prevent rusting. The die and anvil are drop forged from the very finest tool steel and are properly hardened. The set is recommended and fully warranted.

Price.....	per dozen	\$8.00
Weight, per dozen .....	pounds	14 $\frac{1}{4}$

### ATKINS SETTING HAMMERS

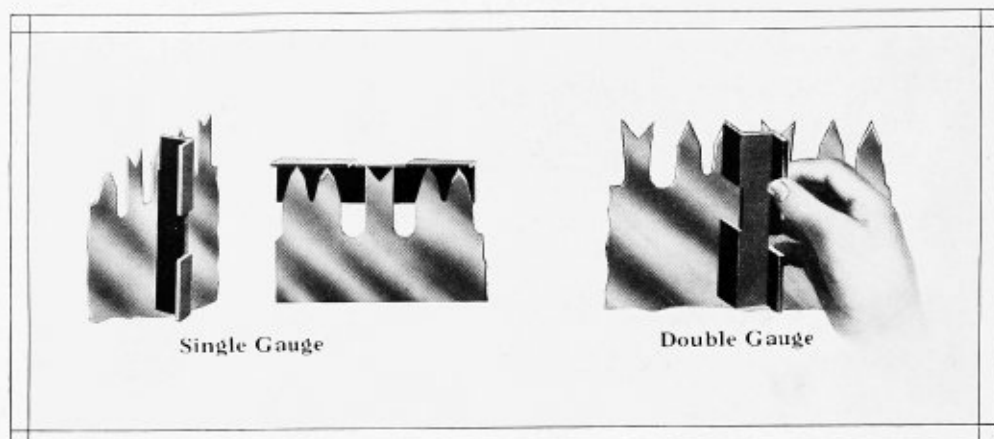
We show on this page two styles of setting hammers. These are made of a specially treated cast steel, nicely finished and of just the proper weight for the purpose.

The handles are made of a good quality of seasoned hardwood, and are fastened to the head by a special wedge arrangement which makes them not liable to become loose.

No. 1 is made with a solid peen. No. 2 is slotted so that it may be used for setting purposes when desired. No. 3 is made of a special grade of tool steel, drop forged and strictly high grade, slotted same as No. 2.

Number .....	1	2	3	
Price.....	per dozen	\$3.50	\$3.50	\$6.00
Weight, per dozen .....	pounds	8	8	8

**ATKINS SAW FITTING TOOLS**



Single Gauge

Double Gauge

**ATKINS TOOTH AND RAKER GAUGE**

This very handy little tool is used for measuring and regulating the length of the cleaner teeth as compared with the cutting teeth. It also enables the user to secure perfect uniformity in the set of cross cut saw teeth.

It is made in two styles. The single gauge regulates the length of the cleaner teeth and the double gauge combines a gauge for regulating the set, and is for use in both hard and soft wood.

The cleaning teeth of all cross cut saws should be somewhat shorter than the cutting teeth and of uniform length throughout. The flange of this gauge rests on the points of the cutting teeth, thus permitting the cleaner teeth to project through the opening in the center. The edge of the gauge is tempered very hard and cannot be cut with the file. When the file comes in contact with the gauge, the proper length of the rakers is secured.

The gauge is moved from tooth to tooth and each point rapidly and correctly reduced to an even length.

Used also for gauging the set of the teeth as is shown in the illustration on this page. The ends of the gauge are differently bevelled and a heavy or light set may thus be secured by simply reversing the gauge.

Price, single gauge.....	per dozen	\$ .80
Price, double gauge.....	per dozen	1.20
Weight, single gauge, per dozen.....	pounds	2 $\frac{3}{4}$
Weight, double gauge, per dozen.....	pounds	3

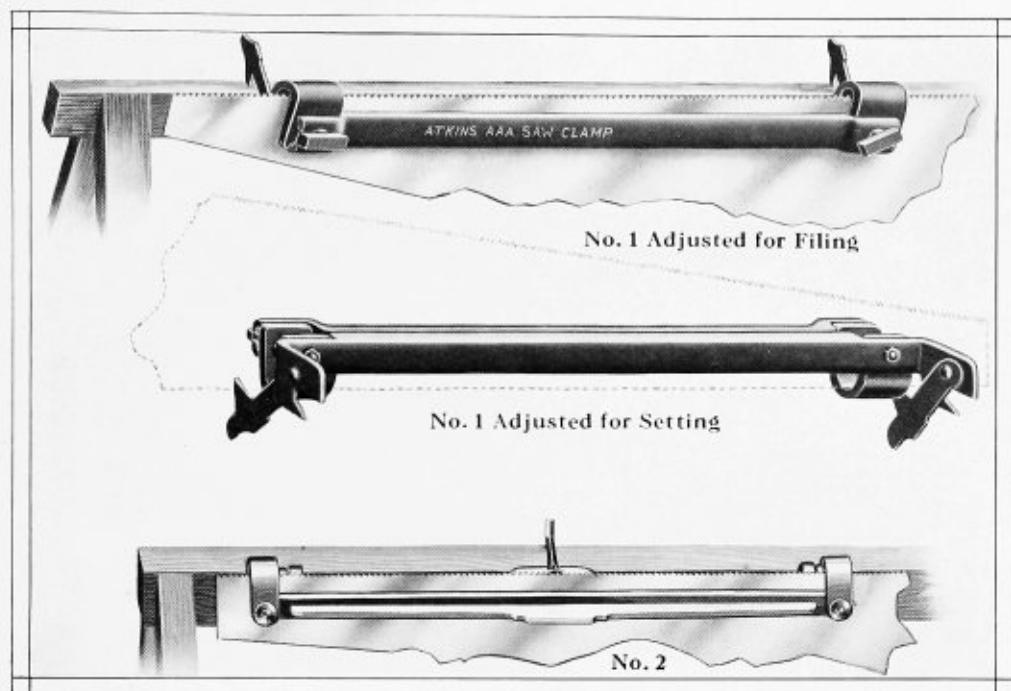
**ATKINS CHANNELING SET BLOCK**

This is the set block that is used in connection with Excelsior No. 1 Saw Tool.

Price, regular quality chilled iron.....	per dozen	\$3.00
Price, old style.....	per dozen	3.00
Price, set gauges as used in Excelsior Saw Tools.....	per dozen	.60

# ATKINS SILVER STEEL SAWS

## ATKINS AAA HAND SAW CLAMPS



Atkins AAA Saw Clamps weigh but little over one pound each and occupy about the same space as an ordinary chisel. They can be used for jointing, setting and filing. May be instantly attached to or detached from any square edge surface. The clamp is seated close to its work, thus preventing vibration. Their extreme simplicity and the ease with which they may be operated is appreciated by the best mechanics everywhere.

### ATKINS AAA SAW CLAMP, No. 1

By referring to the accompanying illustration, you will note that the saw is placed in the clamp at the toothed edge for filing. The connecting arches are reversed for jointing and setting. For this purpose, the blade is clamped at the back, which renders all teeth accessible.

The first illustration shows the clamp in use for filing and the second, for jointing and setting purposes. Note that the clamp does not have to be detached for these various operations after being fastened into place. Weight about 21 pounds per dozen.

### ATKINS AAA SAW CLAMP, No. 2

This clamp differs from No. 1 in that the saw is fastened by an eccentric roller running between the two connecting arches instead of thumb screws. It is attached by use of either a single wood screw or a loose lug which is driven into place at the center.

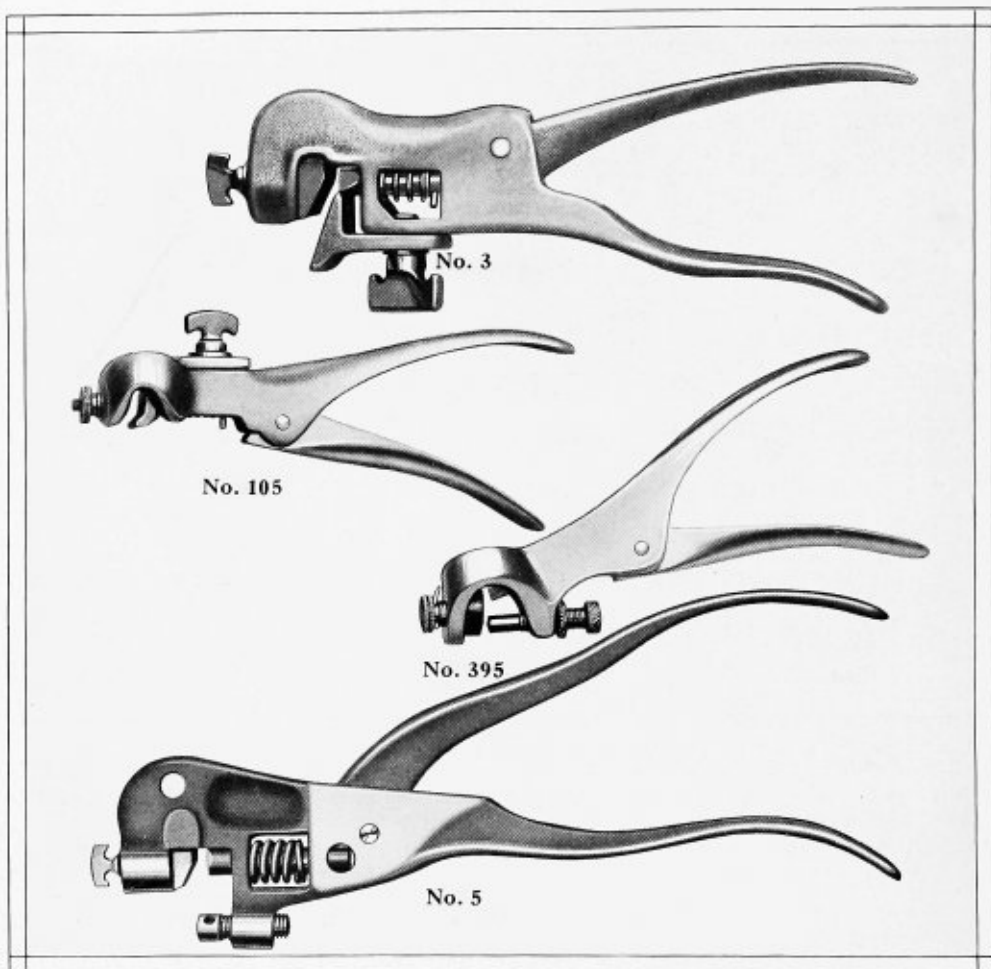
Fasten the saw into position by lifting the front jaw by use of the flange at the center. Grasp the saw on the back, place it in position and bear downward, which causes the eccentric to clamp the saw firmly at all points between the connecting arches. The saw is removed by a slight upward pressure.

No. 1 is furnished in a dull finished Japan. No. 2 is given a white nickel finish. Packed three in a handsome shelf box with attractive label. Weight, 20 pounds per dozen.

Price, No. 1, Japan finish .....	per dozen	\$13.50
Price, No. 1, nickel finish .....	per dozen	18.00
Price, No. 2, nickel finish .....	per dozen	18.00

# ATKINS SILVER STEEL SAWS

## ATKINS LEVER SAW SETS



### ATKINS Nos. 3 AND 4

These sets are specially designed for cross cuts and circulars. They will successfully set any tooth from 14 to 20 gauge. The depth of the set is regulated by a thumb screw and pressure is applied by merely clamping together. Anvil and plunger of hardened steel. The spring is of highly tempered steel. Finely finished and polished throughout. Packed one-half dozen in a box. Six dozen in a case. Weight per dozen, 19 pounds. No. 3 for cross cut and circular saws, single tooth. No. 4 for cross cut, M and Champion Tooth.

### ATKINS No. 105

#### FOR HAND AND SMALL SAWS

The lever is placed on the lower or under side where it is operated by merely moving the fingers, thus adding great rapidity with least effort. The anvil and plunger are hardened. The spring is of tempered steel. Heavily nickel-plated and buffed to a high finish. Packed one-half dozen in a box. Twelve dozen in a case. Weight per dozen, 8½ pounds.

### ATKINS No. 395

No. 395 revolving anvil with indicator dial. Lever placed below the body of set. Gauge screw has check nut, which prevents it from coming loose. The revolving anvil gives the required bevel and length of all saw teeth from 4 to 16 to the inch. Hardened anvil and plunger. Finely tempered steel spring. Highly polished. Packed one-half dozen in a box. Twelve dozen in a case. Weight per dozen, 9 pounds.

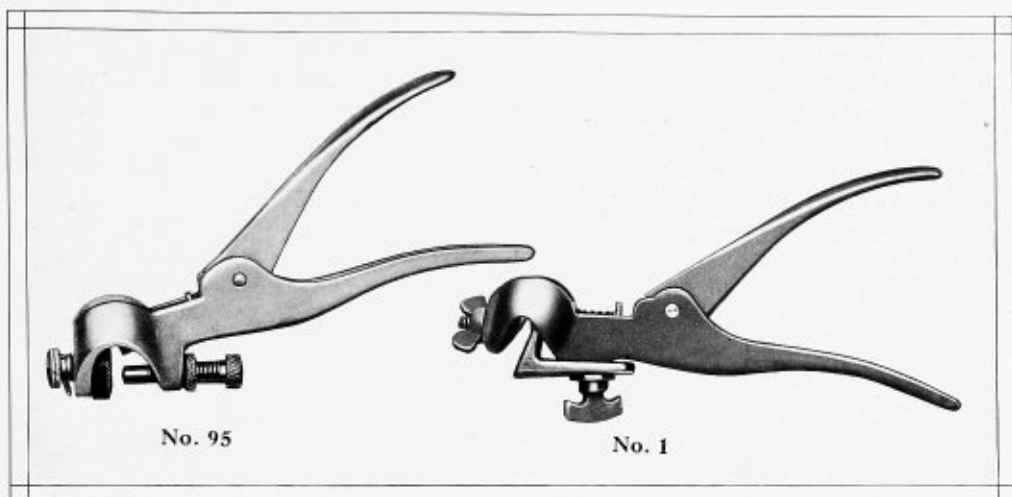
### ATKINS No. 5

For saws from 6 to 14 gauge. Strong, accurate and durable. Packed one-half dozen in a box. Twelve dozen in a case. Weight per dozen, 39 pounds.

Price, No. 3 .....	per dozen	\$20.60	Price, No. 105 .....	per dozen	\$12.00
Price, No. 4 .....	per dozen	20.60	Price, No. 395 .....	per dozen	16.25
Price, No. 5 .....	per dozen			per dozen	\$30.00

# ATKINS SILVER STEEL SAWS

## ATKINS SAW SETS AND FILERS



### ATKINS LEVER SAW SETS

#### No. 95

For setting hand, rip and other similar styles of teeth.

Atkins No. 95 Lever Set is one of our most convenient and popular patterns. The indicator and dial are on the outside, and at the end of the tool. It is very easily adjusted. The revolving eccentric anvil has the required bevel and length for all saw teeth, ranging from 4 to 16 to the inch.

If it is desired to set a saw with six teeth to the inch, for instance, the indicator knob on the end of the set should be turned until the pointer is at the figure six, thus securing an exact set.

Hardened anvil and plunger. Finely tempered steel spring. Heavily nicked and buffed with a high finish.

Packed one-half dozen in a box. Twelve dozen in a case. Weight per dozen, 9 pounds.

#### No. 1

For hand, band and jig saws, from the widest, down to one-half inch.

The principle under which this set operates is apparent by referring to the accompanying illustration. A very simple construction, yet most effective.

Hardened anvil and plunger. Highly tempered steel spring. Finely polished.

Packed one-half dozen in a box. Twelve dozen in a case. Weight per dozen, 8½ pounds.

Price, No. 95 ..... per dozen \$15.60

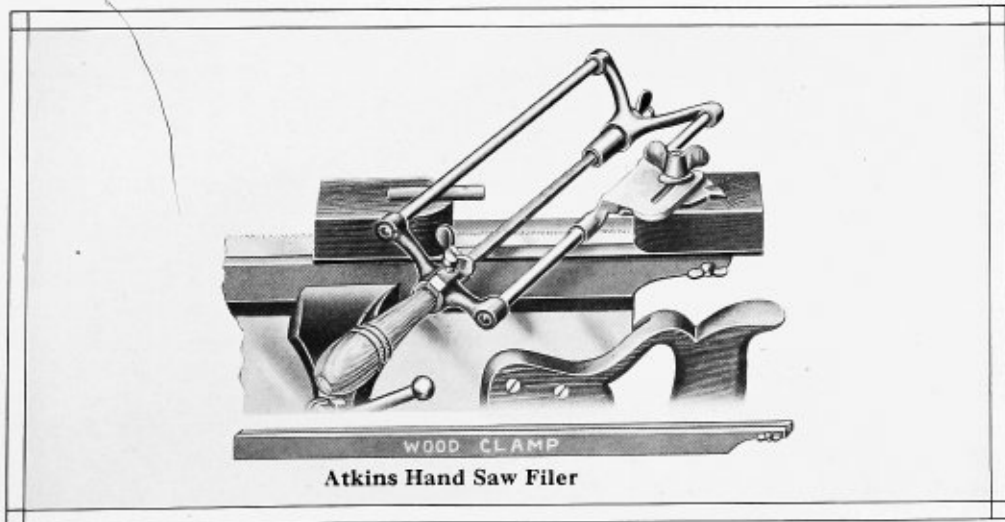
Price, No. 1 ..... per dozen 10.00

### ATKINS HAND SAW FILERS

This saw filing device is the most perfect tool for the purpose ever produced. By following the directions accompanying each filer the most inexperienced boy can file a saw correctly, bringing each tooth to the same bevel and pitch. It can be used with wood clamp in any ordinary vise or with iron saw clamp.

Price ..... per dozen 15.00

Weight, 3¾ pounds each.



## ATKINS WOOD SAWS COMPLETE

Atkins Wood Saws are constructed along lines which insure the greatest strength and rigidity. They are made of the very finest material and carefully finished. For these reasons they are distinctive.

Every piece of wood that goes into an Atkins Wood Saw Frame is carefully selected, thoroughly dried or seasoned and is inspected after every process.

We furnish three types of rods for wood saw frames. The regular Clipper rod, is made of  $\frac{1}{4}$  inch cold rolled steel with loops of  $\frac{9}{64}$  inch cold rolled steel, bright steel finish, heavily japanned, cast iron turnbuckle.

The tinned Clipper rod is same as above only heavily tinned or treated with anti-rust finish.

The Jumbo rod is made of  $\frac{3}{8}$  inch steel with a heavy malleable turnbuckle, japanned, anti-rust throughout.

We manufacture forty-eight different patterns of blades. All of these are fully described on page 122. Classes A and B are made of Silver Steel and are, therefore, as fine as Atkins Hand and Small Saws. They are also carefully ground, filed, set and fitted throughout. Class C is made of fine tool steel. Thin back and etched "Sheffield Saw Works." Class D are made of special steel. Flat ground.

Atkins Frames are made in thirteen different styles, any of which may be ordered in combination with any desired blade. This gives an almost endless variety, both as to general construction and price.

No. 100 frame in connection with No. 1 blade is designated as No. 101. No. 200 frame with No. 2 blade as No. 202, and so on.

### ATKINS INDIVIDUAL WOOD SAW BOX

Wood saws complete are packed one-half dozen, or if preferred one dozen in a wooden box, including blades, rods and frame, the frames only or frames and rods only. On bulk shipments, we pack one-half gross in crates.

Any complete wood saw, wherein Class A or B blades are used, will be shipped when so specified, with each complete saw packed in an individual box.

These boxes are about 7 inches wide, 1 inch high and are from 30 to 32 inches long, according to the length of the blade. They are made of a heavily coated manila stock, with patented fastenings in the ends and have a very handsome colored label on both top and sides.

This not only supplies a very attractive shelf package and converts a formerly unsightly piece of stock into a handsome display, but keeps the contents bright and clean and prevents the loss of any parts.



# ATKINS SILVER STEEL SAWS

## ATKINS WOOD SAWS COMPLETE

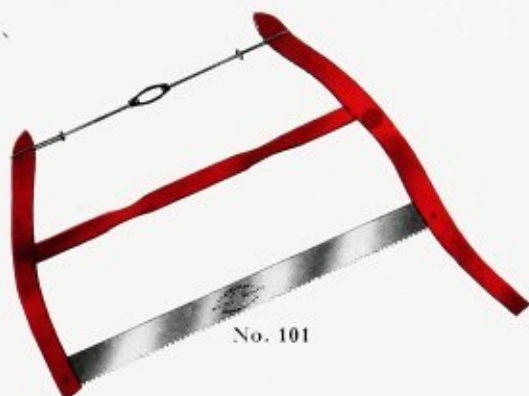
### ATKINS No. 101

This is a combination of Atkins No. 100 Frame together with No. 1 blade and a good quality of tinned rod.

Frame is in three pieces, a long, short, and a cross or brace arm. Made of carefully selected, thoroughly seasoned hardwood. Painted bright red.

The rod is of good quality. Turnbuckle in center secures ample tension.

No. 100 frame is also furnished in connection with all the blades listed on page 122. For prices, see table at bottom of this page.



No. 101

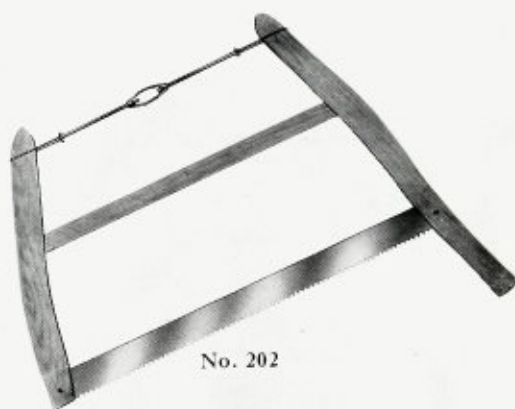
### ATKINS No. 202

This is a combination of No. 200 frame, with No. 2 blade and a Clipper rod.

No. 200 frame is made in three pieces. The stock is of carefully selected air-dried hardwood, unpainted.

The Clipper rod is somewhat heavier than that used for No. 1 combination, with heavy turnbuckle.

No. 200 frame is also furnished in combination with any blade listed on page 122 at prices given below.



No. 202

### COMBINATIONS OF No. 100 FRAME

Number.....	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116
Price...per doz.	\$13.25	9.00	14.50	14.00	14.00	14.50	14.50	13.25	14.00	14.00	16.10	16.10	15.50	12.00	10.50	14.00
Number.....	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132
Price...per doz.	\$10.25	10.25	14.00	16.10	15.50	14.00	11.00	14.00	14.00	10.25	11.00	11.00	16.10	15.10	9.00	14.00
Number.....	133	134	135	136	137	138	139	140	141	142	143	144	145	146	148	
Price...per doz.	\$15.10	12.75	9.75	9.00	11.00	8.50	12.75	16.10	9.75	9.75	10.25	9.75	9.75	12.75	12.60	

### COMBINATIONS OF No. 200 FRAME

Number.....	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216
Price...per doz.	\$12.30	8.05	13.55	13.05	13.05	13.55	13.55	12.30	13.05	13.05	15.15	15.15	14.55	11.05	9.55	13.05
Number.....	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232
Price...per doz.	\$9.30	9.30	13.05	15.15	14.55	13.05	11.05	13.05	13.05	9.30	11.05	11.05	15.15	14.15	8.05	13.05
Number.....	233	234	235	236	237	238	239	240	241	242	243	244	245	246	248	
Price...per doz.	\$14.15	11.80	8.80	8.05	11.05	7.55	11.80	15.15	8.80	8.80	9.30	8.80	8.80	11.80	11.65	

Approximate weight, per dozen, 56 pounds.

In ordering specify "Wood Saws, Complete." Packed half dozen in a case knocked down.

## ATKINS WOOD SAWS

### ATKINS No. 302

This is a combination of Atkins No. 300 Frame together with No. 2 blade, and a strong rod, called the Clipper.

No. 300 frame is made in three pieces, extra heavy, thoroughly seasoned, air-dried stock. Painted a brilliant red color.

The clipper rod is of heavy, high tensile strength, drawn steel. Turnbuckle in center. Threads smoothly cut.

No. 300 frame also supplied in connection with any blade listed on page 122. For prices see table at bottom of this page.

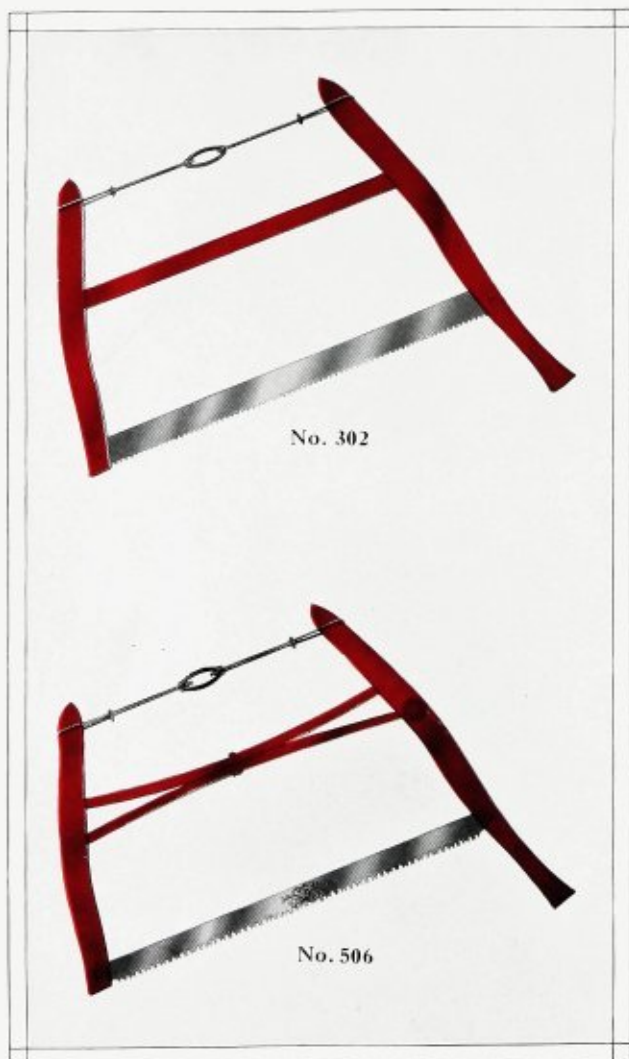
### ATKINS No. 506

This is No. 500 frame with No. 6 blade, and the heaviest rod, called the Jumbo.

Made with a long and short arm, connected by a double brace with single rivet, which greatly adds to its rigidity. Carefully selected hardwood. Corners rounded. Painted a beautiful brilliant red. The AAA trade mark on the long brace arm indicates the genuine.

The Jumbo rod is our heaviest quality. Ends extra riveted. Malleable turnbuckle. Carefully threaded.

No. 500 frame is also furnished in combination with any blade listed on page 122 at prices given below.



### COMBINATIONS OF No. 300 FRAME

Number	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316
Price.....per dozen	\$12.90	8.65	14.15	13.65	13.65	14.15	14.15	12.90	13.65	13.65	15.75	15.75	15.15	11.65	10.15	13.65
Number	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332
Price.....per dozen	\$9.90	9.90	13.65	15.75	15.15	13.65	10.65	13.65	13.65	9.90	10.65	10.65	15.75	14.75	8.65	13.65
Number	333	334	335	336	337	338	339	340	341	342	343	344	345	346	348	
Price.....per dozen	\$14.75	12.40	9.40	8.65	10.65	8.15	12.40	15.75	9.40	9.40	9.90	9.40	9.40	12.40	12.25	

### COMBINATIONS OF No. 500 FRAME

Number	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516
Price.....per dozen	\$13.85	9.60	15.10	14.60	14.60	15.10	15.10	13.85	14.60	14.60	16.70	16.70	16.10	12.60	11.10	14.60
Number	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532
Price.....per dozen	\$10.85	10.85	14.60	16.70	16.10	14.60	11.60	14.60	14.60	10.85	11.60	11.60	16.70	15.70	9.60	14.60
Number	533	534	535	536	537	538	539	540	541	542	543	544	545	546	548	
Price.....per dozen	\$15.70	13.35	10.35	9.60	11.60	9.10	13.35	16.70	10.35	10.35	10.85	10.35	10.35	13.35	13.20	

Approximate weight, per dozen 56 pounds.

In ordering specify "Wood Saws, Complete."

Packed half dozen in a case knocked down.

# ATKINS SILVER STEEL SAWS

## ATKINS WOOD SAWS COMPLETE

### ATKINS No. 609

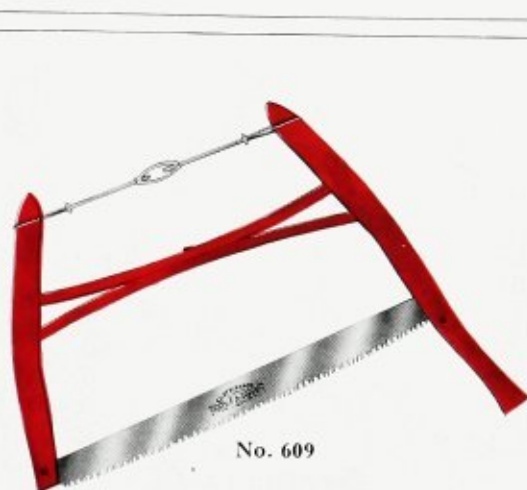
This is a combination of Atkins No. 600 Frame together with No. 9 blade and the Clipper rod.

Atkins No. 600 Frame is made of extra heavy hardwood, thoroughly seasoned. Double brace. Single rivet. Finished bright red.

Clipper rod, fully described on previous page.

No. 9 blade, Tuttle Tooth Pattern. Illustrated and described on page 122.

No. 600 frame furnished in combination with any style of blade, at prices listed below.



No. 609

### ATKINS No. 707

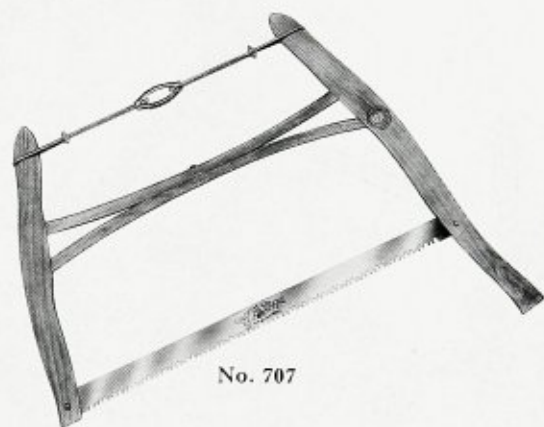
This complete saw comprises Atkins No. 700 Frame in connection with No. 7 blade and our finest, heaviest, Jumbo rod.

Atkins No. 700 Frame is made from carefully selected maple stock, without blemish. Carefully sanded and varnished a natural color. Double brace. Single rivet.

The Jumbo rod is described on a previous page.

No. 7 blade is a Diamond Tooth Pattern, fully described on page 122.

No. 700 frame is also furnished in conjunction with any Atkins blade at the following list prices.



No. 707

#### COMBINATIONS OF No. 600 FRAME

Number.....	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616
Price...per doz.	\$13.10	8.85	14.35	13.85	13.85	14.35	14.35	13.10	13.85	13.85	15.95	15.95	15.35	11.85	10.35	13.85
Number.....	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632
Price...per doz.	\$10.10	10.10	13.85	15.95	15.35	13.85	10.85	13.85	13.85	10.10	10.85	10.85	15.95	14.95	8.85	13.85
Number.....	633	634	635	636	637	638	639	640	641	642	643	644	645	646	648	
Price...per doz.	\$15.95	12.60	9.60	8.85	10.85	8.35	12.60	15.95	9.60	9.60	10.10	9.60	9.60	12.60	12.45	

#### COMBINATIONS OF No. 700 FRAME

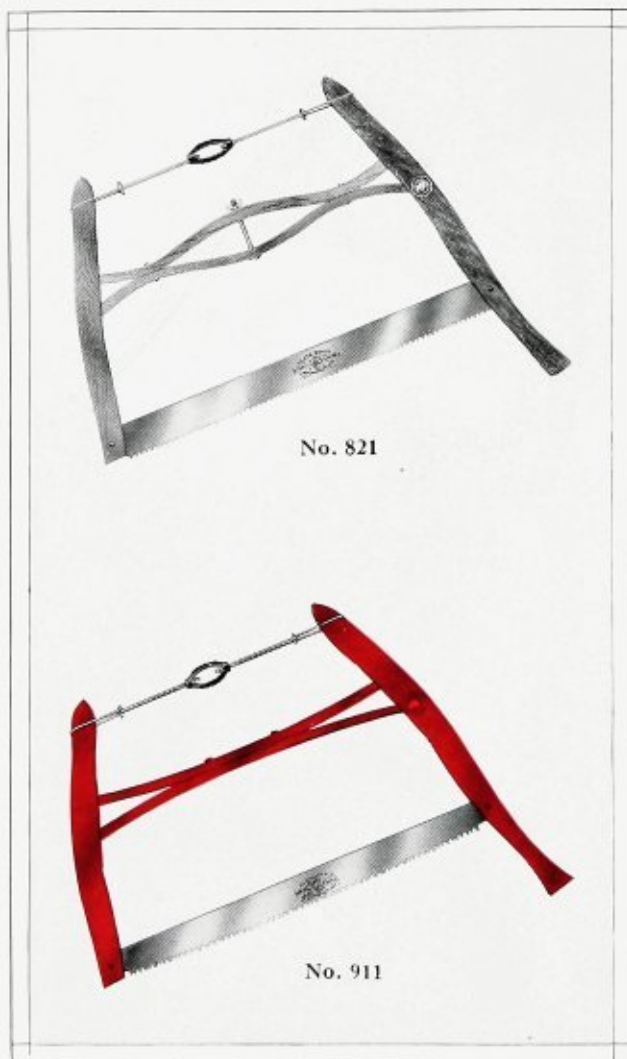
Number.....	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716
Price...per doz.	\$13.85	9.60	15.10	14.60	14.60	15.10	15.10	13.85	14.60	14.60	16.70	16.70	16.10	12.60	11.10	14.60
Number.....	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732
Price...per doz.	\$10.85	10.85	14.60	16.70	16.10	14.60	11.60	14.60	14.60	10.85	11.60	11.60	16.70	15.70	9.60	14.60
Number.....	733	734	735	736	737	738	739	740	741	742	743	744	745	746	748	
Price...per doz.	\$15.70	13.35	10.35	9.60	11.60	9.10	13.35	16.70	10.35	10.35	10.85	10.35	10.35	13.35	13.20	

Approximate weight, per dozen, 56 pounds.

In ordering specify "Wood Saws, Complete." Packed half dozen in a case knocked down.

# ATKINS SILVER STEEL SAWS

## ATKINS WOOD SAWS COMPLETE



### ATKINS No. 821

A combination of Atkins No. 800 Frame, No. 21 blade and a Jumbo rod.

Atkins No. 800 Frame is our famous cantilever pattern, producing the strongest and best wood frame of the 20th century. It is made of carefully selected maple stock, natural varnished finish. The double brace is riveted at the ends, with extra long thumb screw rivet in the center.

Jumbo rod fully described on a previous page.

No. 21 blade plain tooth, described on page 122.

No. 800 frame in connection with any Atkins blade will be supplied at prices given below.

### ATKINS No. 911

This is Atkins No. 900 Frame, in combination with a Jumbo rod and No. 11 blade.

Atkins No. 900 Frame is made with a double brace arm, which is riveted twice, giving great strength and rigidity. Made of carefully selected stock, highly finished, painted a brilliant vermilion.

Jumbo rod fully described on a previous page.

No. 11 blade is Tuttle Tooth Pattern and described on page 122

The No. 900 frame is also supplied in connection with any style of Atkins blade at the following prices

### COMBINATIONS OF No. 800 FRAME

Number.....	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816
Price... per doz.	\$14.30	10.05	15.55	15.05	15.05	15.55	15.55	14.30	15.05	15.05	17.15	17.15	16.55	13.05	11.55	15.05
Number.....	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832
Price... per doz.	\$11.30	11.30	15.05	17.15	16.55	15.05	12.05	15.05	15.05	11.30	12.05	12.05	17.15	16.15	10.05	15.05
Number.....	833	834	835	836	837	838	839	840	841	842	843	844	845	846	848	
Price... per doz.	\$16.15	13.80	10.80	10.05	12.05	9.55	13.80	17.15	10.80	10.80	11.30	10.80	10.80	13.80	13.65	

### COMBINATIONS OF No. 900 FRAME

Number.....	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916
Price... per doz.	\$14.10	9.85	15.35	14.85	14.85	15.35	15.35	14.10	14.85	14.85	16.95	16.95	16.35	12.85	11.35	14.85
Number.....	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932
Price... per doz.	\$11.10	11.10	14.85	16.95	16.35	14.85	11.85	14.85	14.85	11.10	11.85	11.85	16.95	15.95	9.85	14.85
Number.....	933	934	935	936	937	938	939	940	941	942	943	944	945	946	948	
Price... per doz.	\$15.95	13.60	10.60	9.85	11.85	9.35	13.60	16.95	10.60	10.60	11.10	10.60	10.60	13.60	13.45	

Approximate weight, per dozen, 56 pounds.

In ordering specify "Wood Saws, Complete." Packed half dozen in a case knocked down.

## ATKINS WOOD SAWS

### ATKINS No. 1014

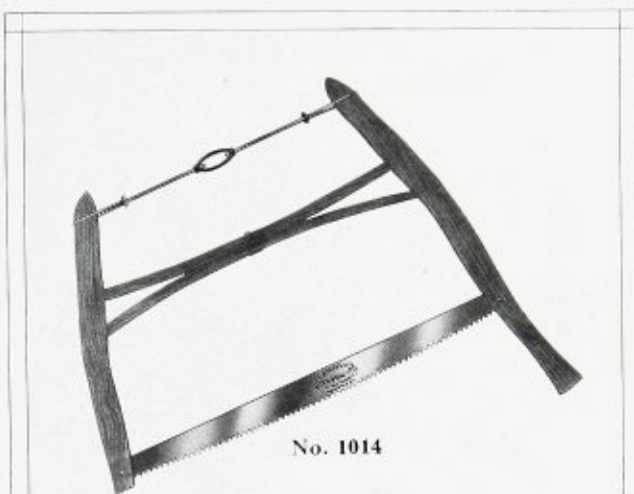
No. 1014 consists of Atkins No. 1000 Frame, equipped with Clipper rod, and a No. 14 blade.

Atkins No. 1000 is a splendid style of double brace frame, single rivet. Made of very best air-dried hardwood, varnished in natural wood finish.

Clipper rod fully described on a previous page.

No. 14 blade, plain tooth. Blued finish. Is described and listed on page 122.

We will also furnish No. 1000 frame equipped with any Atkins blade at the following prices



No. 1014

### ATKINS No. 1205

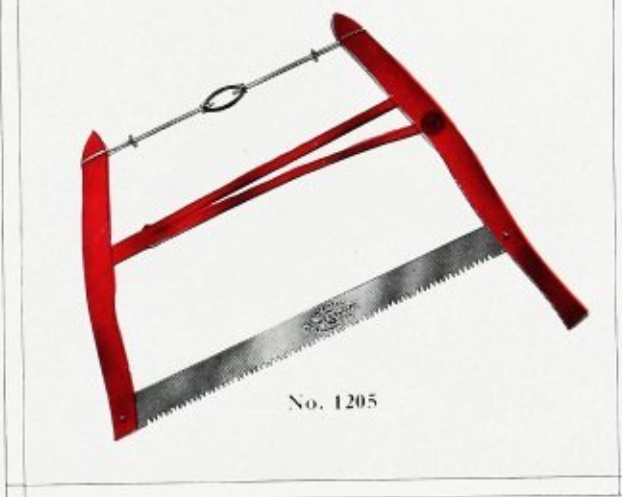
We call this our "happy medium." It consists of No. 1200 frame in combination with Jumbo rod, and Atkins No. 5 Blade.

No. 1200 is made with a double brace, but riveted on the front end only. A combination of single and double brace arm. It is made of the finest quality of carefully selected hardwood, finished bright red.

Jumbo rod described on a previous page.

No. 5 blade, Silver Steel, Diamond Tooth, fully described on page 122.

No. 1200 frame will also be furnished in connection with any Atkins blade at the following prices.



No. 1205

### COMBINATIONS OF No. 1000 FRAME

Number.....	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016
Price.....per dozen	\$13.30	9.05	14.55	14.05	14.05	14.55	14.55	13.30	14.05	14.05	16.15	16.15	15.55	12.05	10.55	14.05
Number.....	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032
Price.....per dozen	\$10.30	10.30	14.05	16.15	15.55	14.05	11.05	14.05	14.05	10.30	11.05	11.05	16.15	15.15	9.05	14.05
Number.....	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1048	.....
Price.....per dozen	\$15.15	12.80	9.80	9.05	11.05	8.55	12.80	16.15	9.80	9.80	10.30	9.80	9.80	12.80	12.65	.....

### COMBINATIONS OF No. 1200 FRAME

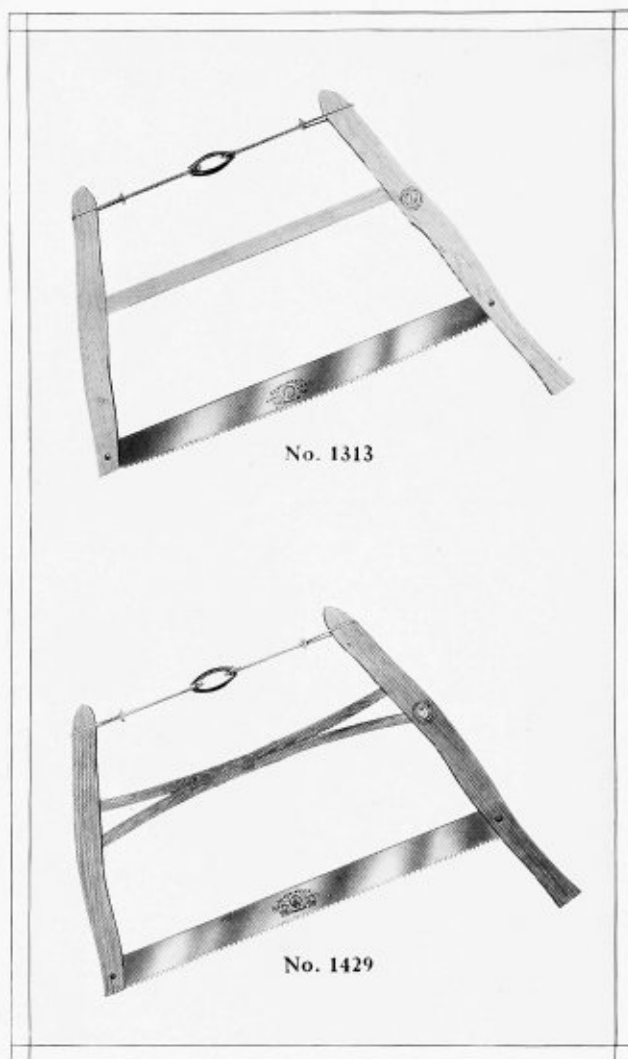
Number.....	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216
Price.....per dozen	\$14.10	9.85	15.35	14.85	14.85	15.35	15.35	14.10	14.85	14.85	16.95	16.95	16.35	12.85	11.35	14.85
Number.....	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232
Price.....per dozen	\$11.10	11.10	14.85	16.95	16.35	14.85	11.85	14.85	14.85	11.10	11.85	11.85	16.95	15.95	9.85	14.85
Number.....	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1248	.....
Price.....per dozen	\$15.95	13.60	10.60	9.85	11.85	9.35	13.60	16.95	10.60	10.60	11.10	10.60	10.60	13.60	13.45	.....

Approximate weight per dozen, 56 pounds.

In ordering specify "Wood Saws, Complete."

Packed half dozen in a case knocked down.

## ATKINS WOOD SAWS COMPLETE



### ATKINS No. 1313

This is a combination of Atkins No. 1300 Frame, with Jumbo rod, and No. 13 blade.

No. 1300 frame is made of extra heavy, selected, thoroughly seasoned stock, made with single brace arm. Finely finished. Not painted.

Jumbo rod described on previous pages.

No. 13 blade plain tooth, fully described on page 122.

No. 1300 frame will be furnished with any Atkins blade at prices listed below.

### ATKINS No. 1429

This is Atkins No. 1400 Frame, supplied with a Jumbo rod, and No. 29 blade.

No. 1400 frame is made of carefully selected, second growth hickory, very finely finished, and is undoubtedly the finest and heaviest wood saw frame on the market. Made with double brace arm, two rivets. Varnished natural finish.

Jumbo rod described on a previous page.

### No. 29 Blade

Peg tooth, described on page 122.

No. 1400 frame will be furnished with any Atkins blade at prices listed below.

### COMBINATIONS OF No. 1300 FRAME

Number.....	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316
Price... per doz.	\$14.10	9.85	15.35	14.85	14.85	15.35	15.35	14.10	14.85	14.85	16.95	16.95	16.35	12.85	11.35	14.85
Number.....	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332
Price... per doz.	\$11.10	11.10	14.85	16.95	16.35	14.85	11.85	14.85	14.85	11.10	11.85	11.85	16.95	15.95	9.85	14.85
Number.....	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1348	
Price... per doz.	\$15.95	13.60	10.60	9.85	11.85	9.35	13.60	16.95	10.60	10.60	11.10	10.60	10.60	13.60	13.45	

### COMBINATIONS OF No. 1400 FRAME

Number.....	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416
Price... per doz.	\$14.70	10.45	15.95	15.45	15.45	15.95	15.95	14.70	15.45	15.45	17.55	17.55	16.95	13.45	11.95	15.45
Number.....	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432
Price... per doz.	\$11.70	11.70	14.45	17.55	16.95	15.45	12.45	15.45	15.45	11.70	12.45	12.45	17.55	16.55	10.45	15.45
Number.....	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1448	
Price... per doz.	\$16.55	14.20	11.20	10.45	12.45	9.95	14.20	17.55	11.20	11.20	11.70	11.20	11.20	14.20	14.05	

Approximate weight, per dozen, 56 pounds.

In ordering specify "Wood Saws, Complete." Packed half dozen in a case knocked down.

# ATKINS SILVER STEEL SAWS

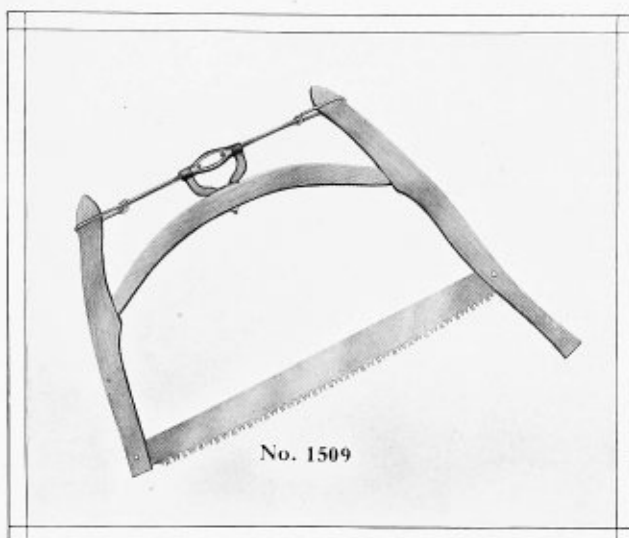
## ATKINS WOOD SAWS COMPLETE

### ATKINS No. 1509

This is a combination of Atkins No. 1500 Frame, a Jumbo rod, and No. 9 blade.

No. 1500 frame is designed for sawing extra large sticks. The brace at center is so shaped that it gives an extra wide space between the brace arm and the blade. Made of selected hard maple, thoroughly seasoned. Painted brilliant red.

Jumbo rod is supplied in connection with a malleable casting which insures great strength. No. 9 blade, Tuttle Tooth Pattern, Atkins Silver Steel, described on page 122.



No. 1509

### ATKINS No. 1600

This frame is of the same pattern as No. 1500, but made from an extra fine quality of seasoned hickory, instead of maple and is finished either a beautiful malachite green or varnished natural color.

#### COMBINATIONS OF No. 1509 FRAME

Number	1501	1502	1503	1504	1505	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515	1516
Price	\$15.95	11.70	17.20	16.70	16.70	17.20	17.20	15.95	16.70	16.70	18.80	18.80	18.20	14.70	13.20	16.70
Number	1517	1518	1519	1520	1521	1522	1523	1524	1525	1526	1527	1528	1529	1530	1531	1532
Price	\$12.95	12.95	16.70	18.80	18.20	16.70	13.70	16.70	16.70	12.95	13.70	13.70	18.80	17.80	11.70	16.70
Number	1533	1534	1535	1536	1537	1538	1539	1540	1541	1542	1543	1544	1545	1546	1548	
Price	\$17.80	15.45	12.45	11.70	13.70	11.20	15.45	18.80	12.45	12.45	12.95	12.45	12.45	15.45	15.30	

#### COMBINATIONS OF No. 1600 FRAME

Number	1601	1602	1603	1604	1605	1606	1607	1608	1609	1610	1611	1612	1613	1614	1615	1616
Price	\$16.85	12.60	18.10	17.60	17.60	18.10	18.10	18.85	17.60	17.60	19.70	19.70	19.10	15.60	14.10	17.60
Number	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630	1631	1632
Price	\$13.85	13.85	17.60	19.70	19.10	17.60	14.60	17.60	17.60	13.85	14.60	14.60	19.70	18.70	12.60	17.60
Number	1633	1634	1635	1636	1637	1638	1639	1640	1641	1642	1643	1644	1645	1646	1648	
Price	\$18.70	16.35	13.35	12.60	14.60	12.10	16.35	19.70	13.35	13.35	13.85	13.35	13.35	16.35	16.20	

Approximate weight per dozen 56 pounds. In ordering specify "Wood Saws Complete." Packed one-half dozen in a case knocked down.

#### SINGLE BRACE FRAMES

No.	Description	PRICE, PER GROSS				
		Long Arm	Short Arm	Brace	Complete without Rods, in 1/2 Gross Crates	Complete without Rods, in 1/2 Doz. Boxes
100	Atkins Special, painted red	\$13.50	\$12.50	\$11.00	\$37.00	\$42.00
200	Atkins O. K., not painted	10.00	9.25	8.25	27.50	32.50
300	Atkins O. K., painted red	13.00	12.00	10.00	35.00	40.00
1300	Extra heavy, not painted	16.00	13.50	13.00	42.50	47.50

#### DOUBLE BRACE FRAMES

500	Atkins Extra, painted red, single rivet	\$14.00	\$12.50	\$13.00	\$39.50	\$44.50
600	Wood brace, painted red, single rivet	13.50	12.00	12.00	37.50	42.50
700	Fine natural wood finish, single rivet	14.00	12.50	13.00	39.50	44.50
800	Cantilever natural finish	16.00	14.50	14.50	45.00	50.00
900	Any color (see note), double rivet	15.50	13.00	14.00	42.50	47.50
1000	Natural wood finish, single rivet	13.50	12.00	12.00	37.50	42.50
1200	Happy medium, painted red, single rivet	15.50	13.00	14.00	42.50	47.50
1400	Old Hickory, not painted, double rivet	18.00	16.00	16.00	50.00	55.00
1500	Maple, painted red	21.50	18.50	25.00	65.00	70.00
1600	Hickory, finished green or varnished	24.50	22.00	29.00	75.50	80.50

Wood saw parts when ordered separate will be packed in bulk.

NOTE—No. 900 furnished in blue will be designated as B900; if in walnut as W900; mahogany as M900; natural as N900.

#### RODS FOR WOOD SAW FRAMES

22 inch plain Clipper rods	per gross	\$10.00	22 inch Clipper rods with new grey waterproof finish	per gross	\$12.50
22 inch tinned Clipper rods	per gross	12.50	22 inch Jumbo rods with new grey waterproof finish	per gross	18.00
22 inch Jumbo tinned rods	per gross	18.00			

# ATKINS SILVER STEEL SAWS

## ATKINS CELEBRATED WOOD SAW BLADES

### CLASS "A"

Etched E. C. Atkins & Co. Silver Steel, Extra Thin Back, Extra Polish, Special Hand Filed  
The Finest Blade Made

No.	Style of Tooth	Breasted or Straight on Tooth Edge	Width Inches	Finish	List, 30-inch per Dozen
3	Plain	Straight	1 $\frac{3}{4}$	Bright	\$10.00
13	Plain	Breasted	2 $\frac{3}{8}$	Bright	11.00
21	Plain	Straight	2 $\frac{3}{8}$	Bright	11.00
6	Tuttle	Straight	1 $\frac{3}{4}$	Bright	10.00
11	Tuttle	Breasted	2 $\frac{3}{8}$	Bright	11.60
7	Diamond	Straight	1 $\frac{3}{4}$	Bright	10.00
12	Diamond	Breasted	2 $\frac{3}{8}$	Bright	11.60
30	Peg	Straight	1 $\frac{3}{4}$	Bright	10.60
33	Peg	Breasted	1 $\frac{3}{4}$	Blued	10.60
29	Peg	Straight	2 $\frac{3}{8}$	Bright	11.60
20	Peg	Breasted	2 $\frac{3}{8}$	Bright	11.60
40	Universal	Breasted	2 $\frac{3}{8}$	Bright	11.60

### CLASS "B"

Etched E. C. Atkins & Co. Silver Steel, Special Thin Back. Fine Polish, Hand Filed

15	Plain	Straight	1 $\frac{1}{4}$	Blued	\$6.00
14	Plain	Breasted	1 $\frac{1}{4}$	Blued	7.50
1	Plain	Straight	2 $\frac{3}{8}$	Bright	8.75
8	Plain	Breasted	2 $\frac{3}{8}$	Bright	8.75
4	Tuttle	Straight	2 $\frac{3}{8}$	Bright	9.50
9	Tuttle	Breasted	2 $\frac{3}{8}$	Bright	9.50
22	Tuttle Wide Raker	Breasted	2 $\frac{3}{8}$	Bright	9.50
5	Diamond	Straight	2 $\frac{3}{8}$	Bright	9.50
10	Diamond	Breasted	2 $\frac{3}{8}$	Bright	9.50
19	Peg	Breasted	2 $\frac{3}{8}$	Bright	9.50
34	Peg	Breasted	1 $\frac{3}{4}$	Blued	8.25
16	Needle Point	Breasted	2 $\frac{3}{8}$	Bright	9.50
24	Matchless	Breasted	2 $\frac{3}{8}$	Bright	9.50
25	Lightning	Straight	2 $\frac{3}{8}$	Bright	9.50
32	Universal	Breasted	2 $\frac{3}{8}$	Bright	9.50
39	Tuttle	Straight	1 $\frac{3}{4}$	Bright	8.25
46	Plain	Breasted	1 $\frac{3}{4}$	Bright	8.25

### CLASS "C"

Etched Sheffield Saw Works. Best Tool Steel. Thin Back

36	Plain	Straight	1 $\frac{1}{4}$	Blued	\$4.50
18	Plain	Breasted	1 $\frac{3}{4}$	Blued	5.75
17	Plain	Breasted	2 $\frac{1}{4}$	Bright	5.75
26	Plain	Straight	2 $\frac{1}{4}$	Bright	5.75
23	Tuttle	Breasted	2 $\frac{1}{4}$	Bright	6.50
37	Large Tuttle	Straight	2 $\frac{1}{4}$	Bright	6.50
28	Peg	Breasted	1 $\frac{3}{4}$	Blued	6.50
27	Peg	Breasted	2 $\frac{1}{4}$	Bright	6.50
48	Universal	Breasted	2 $\frac{1}{4}$	Bright	8.10

### CLASS "D"

Special Steel. Flat Ground

38	Plain	Straight	1 $\frac{1}{4}$	Bright	\$4.00
2	Plain	Straight	2	Bright	4.50
31	Plain	Breasted	2	Bright	4.50
35	Peg	Breasted	2	Bright	5.25
41	Peg	Straight	2	Bright	5.25
42	Tuttle	Straight	2	Bright	5.25
43	Tuttle	Breasted	2 $\frac{1}{2}$	Bright	5.75
44	Plain	Breasted	2 $\frac{1}{2}$	Bright	5.25
45	Plain	Breasted	1 $\frac{3}{4}$	Blued	5.25

Prices on blades longer than 30 inches will be quoted on application.



# ATKINS *SILVER STEEL* SAWS

## ATKINS CELEBRATED WOOD SAW BLADES



Plain Tooth



Tuttle Tooth



Diamond Tooth



Peg Tooth



Universal Tooth



Tuttle Tooth



Needle Point



Matchless Tooth



Lightning Tooth



Tuttle Tooth



ATKINS  
HAND SAWS  

---

SAW TOOLS  
AND SPECIALTIES



# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

### SILVER STEEL

Atkins Silver Steel Hand, Rip and Panel Saws are original in design, distinctive in character and of scientific construction throughout.

Silver Steel is the finest material that has ever been used in making saws.

The heat treatment is prescribed in the laboratory after careful analysis. We use gas in our tempering furnaces. This insures an even heat treatment. Through the use of patented machinery, the exact temperature specified by the laboratory is supplied which results in a certain and uniform hardness and toughness.

### GRINDING

The machinery employed in grinding all Silver Steel Saws is of our own exclusive construction. The process is called "Taper Grinding."

The blades are ground of even thickness along the entire toothed edge and are the same gauge on the back at the butt and gradually taper towards the point on the back.

This renders the blade stiff, but gives it clearance, permitting it to drop readily in the cut without binding and to run free and easy with but very little set.

### SMITHING

All Silver Steel Saws are smithed by hand. This is a most important process, not apparent in the finished saw. It removes any unevenness which may have been produced in the tempering processes and insures a saw which will cut true to the line.

### THE HANDLE

We make, with some slight variation, two styles of handles; the old style straight across shape and the Atkins Improved Perfection Pattern. Our Perfection Handle is individual and distinctively Atkins.

Nos. 52, 66, 51, 67, 64 and 54 are made with the old style straight across handle. Nos. 400, 401, 68, 69, 53 and 65 are made with the Perfection Handle.

It will be seen that we can, therefore, furnish the genuine Silver Steel Blade, Taper Ground and with all the other distinctive and exclusive Atkins features, with the old style straight across handle, if preferred.

We recommend, however, the Perfection Pattern for the reason that it is easier to operate.

If you will notice the illustration to the right and will follow the straight line in this picture, you will see that every ounce of power is primarily directed upon the cutting edge. But with the old style handle (shown by dotted line) the greatest force is applied upon the back of the saw, thus wasting the user's energy unnecessarily.

### HOW PACKED

All Atkins Silver Steel Hand, Rip and Panel Saws are packed in neat pasteboard boxes. This renders them less liable to damage and insures a handsome uniform shelf package.

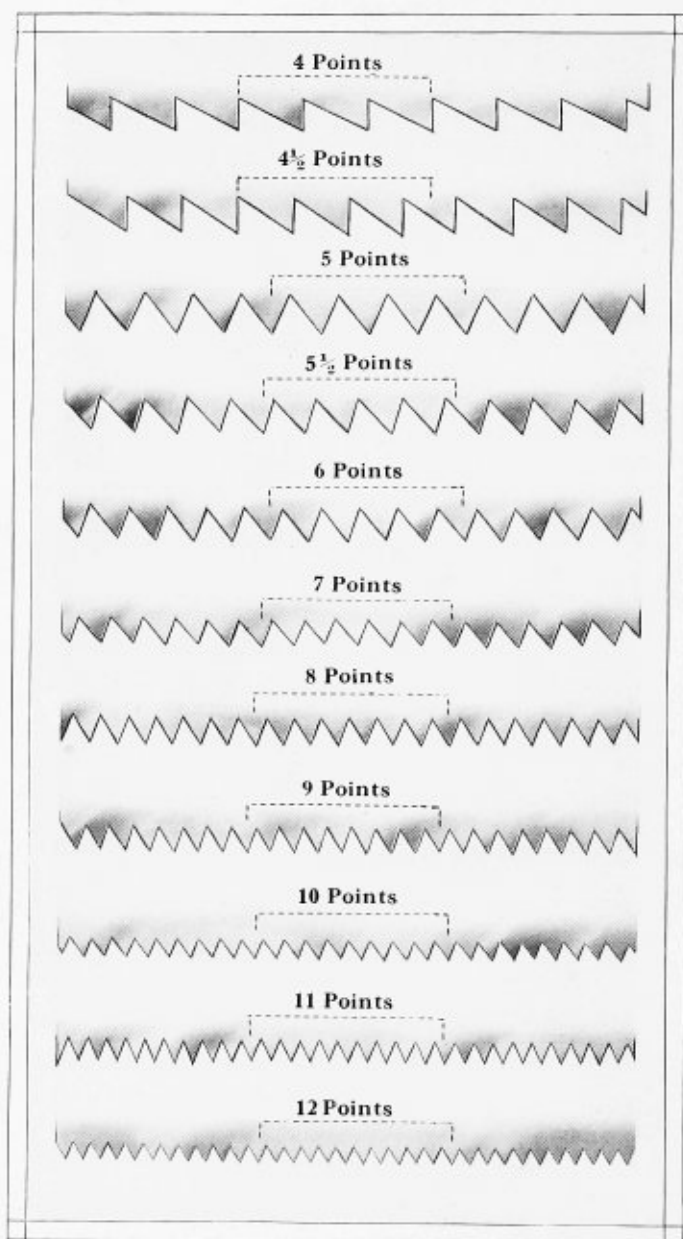
The Atkins label is blue and white and is easily distinguishable at a distance on account of its original and attractive appearance.

All Atkins Silver Steel Saws bear the signature "E. C. Atkins & Co." together with our "AAA" trade-mark, which is plainly etched on the blade. None others are genuine, nor are Atkins Silver Steel Saws ever sold under any other brand than Silver Steel.



# ATKINS SILVER STEEL SAWS

## NUMBER OF POINTS PER INCH IN SAWS



To prevent error in ordering, we are showing on this page full sized illustration of the various points of saw teeth from four to twelve.

### SPECIAL NOTICE

Please note particularly that the term "point per inch" in all types of saw teeth indicates the number of tooth points occurring Within a Space of One Inch.

It does not mean that in a four point saw, for instance, there are four entire teeth to each inch. On the other hand, there are really always One Less Tooth Per Inch Than Points.

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



Rip



Hand



Panel

### ATKINS No. 400 HAND SAW

This is the finest hand saw that has ever been manufactured. A beautifully proportioned tool. Creates a decided impression wherever seen.

The blade is of genuine Atkins Silver Steel which is given an extremely hard tough temper, insuring the greatest life to the sharp, keen cutting teeth. It is skew back, Atkins Taper Ground and will, therefore, run free and easy as the blade has ample clearance and requires very little set.

The handle is of solid rosewood, piano finish, Perfection Pattern (see description, page 125). Fastened to the blade by three silver plated screws and a medallion saw screw.

Each saw is enclosed in a moisture proof bag and cotton flannel packet to prevent rusting. Packed one in a handsome box covered with highly finished gloss paper and beautifully labelled. Four individual boxes are packed in a similar box.

The genuine is etched "The Four Hundred" "E. C. ATKINS & Co."

Length .....	inches	16	18	20	22	24	26	28	30
Price .....	per dozen	\$33.00	\$36.00	\$39.00	\$42.00	\$45.00	\$48.00	\$55.00	\$61.00
Weight, per dozen .....	pounds	19	21 $\frac{1}{4}$	25	28	31 $\frac{1}{2}$	39	43	48
Width at butt .....	inches	.....	.....	.....	5 $\frac{7}{8}$	.....	7	7 $\frac{3}{8}$	.....
Width at point .....	inches	.....	.....	.....	2 $\frac{1}{4}$	.....	2 $\frac{3}{4}$	2 $\frac{5}{8}$	.....

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



Rip



Hand



Panel

### ATKINS No. 401 HAND SAW

This is a companion saw to No. 400 and is similarly constructed throughout excepting that it has a straight instead of skew back.

This is the finest and most expensive hand saw that has ever been made. The blade is of Atkins Silver Steel which is fully described on previous pages, it is Taper Ground and finished throughout more highly than any other saw, excepting the No. 400.

The handle is of solid rosewood, varnished and polished to a very fine degree. Perfection Pattern. Fastened to the blade by three silver plated screws and a silver plated medallion.

Each saw is enclosed in a moisture proof bag as well as a cotton flannel pocket to prevent rusting. Packed one each in a handsome special box covered with a highly finished gloss paper. Beautifully labelled. Four individual boxes packed in a similarly finished container.

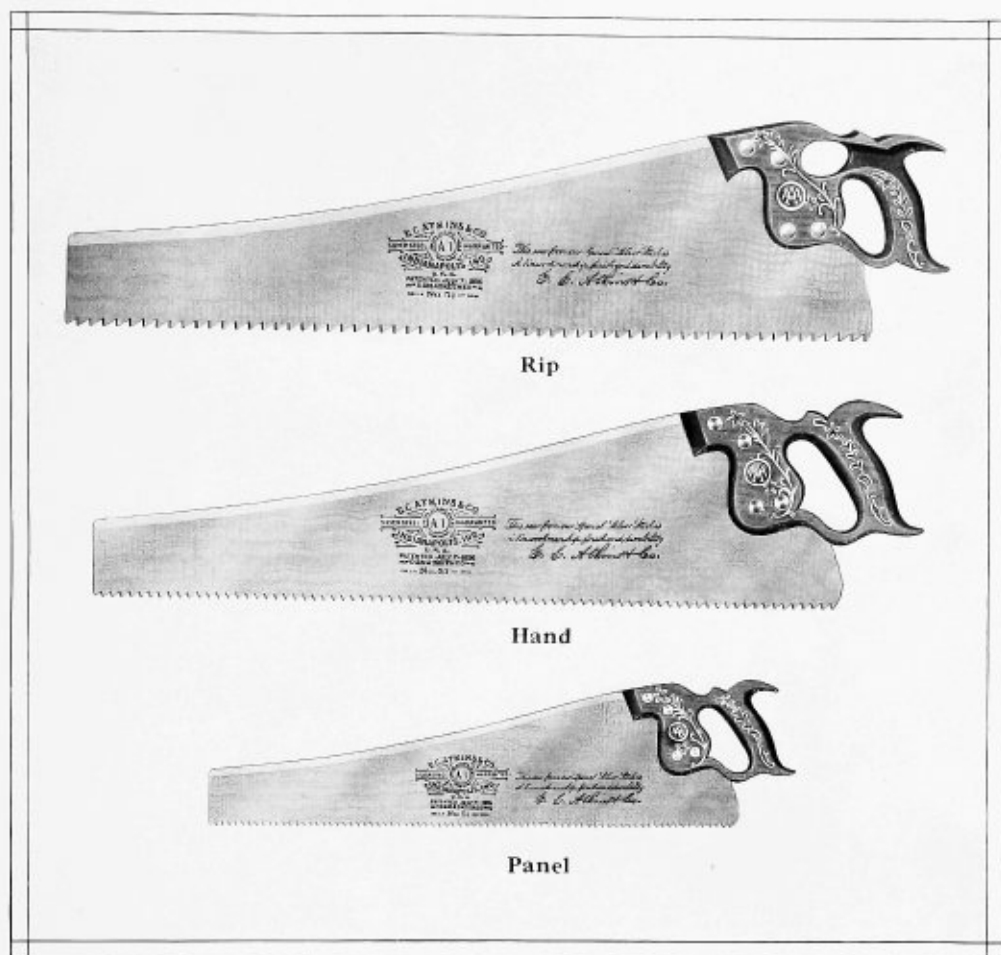
The genuine has "No. 401" and "E. C. ATKINS & Co." etched on the blade.

Length .....	inches	16	18	20	22	24	26	28	30
Price .....	per dozen	\$33.00	\$36.00	\$39.00	\$42.00	\$45.00	\$48.00	\$55.00	\$61.00
Weight, per dozen, unpacked .....	pounds	14½	16½	18½	21½	25¼	27	31¼	35
Width at butt .....	inches	.....	.....	.....	5⅞	.....	7	7½	.....
Width at point .....	inches	.....	.....	.....	2⅞	.....	2⅞	3	.....

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



### ATKINS No. 51 HAND SAW

A very popular pattern. Strictly high grade. Designed for a general purpose saw. The Atkins scientific construction throughout. The blade is of genuine Atkins Silver Steel and the teeth will, therefore, hold their sharp cutting edges remarkably. Skew back. Atkins Patent Taper Ground. This insures rapid, accurate cutting, Hand Smithed, Damaskeen Finish. Ribbon back.

The handles are made of genuine applewood, thoroughly seasoned, to prevent shrinking. Old style straight across pattern, finished with Atkins exclusive Embossing. Varnished all over. Polished. Fastened to the blade by four brass screws and a brass screw medallion. Each saw is enclosed in a moisture proof bag to prevent rusting. Packed one-third dozen in a box.

Length.....inches	16	18	20	22	24	26	28	30	32
Price.....per dozen	\$16.00	\$17.75	\$19.50	\$21.75	\$23.50	\$24.50	\$27.75	\$31.00	\$35.00
Weight, per dozen.....pounds	10½	13	16½	19¾	22¾	27¾	29¾	33	38
Width at butt.....inches	.....	.....	.....	5⅞	.....	7	7⅞	.....	.....
Width at point.....inches	.....	.....	.....	2¼	.....	2¾	2⅞	.....	.....

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



Rip



Hand



Panel

### ATKINS No. 52 HAND SAW

This saw is made for fine cabinet work, where a very smooth cut is essential. It is given an extra fine hard temper, so that the teeth may be sharpened to an extremely keen cutting edge. It is ground with an extra thin taper back, and slightly hollow ground which gives ample clearance. The teeth are sharpened to a needle point. It runs without set. Blade skew back, Atkins Silver Steel, polished finish.

The handle is of thoroughly seasoned air-dried applewood, fitted to the blade so it cannot become loose. Old Style, Straight Across Pattern. Atkins original exclusive Embossing. Fastened to the blade by four brass screws and a brass screw medallion. Sizes under 26 inches, three brass screws and a medallion. Packed one in moisture proof bag, one-third dozen in a box.

Length .....	inches	16	18	20	22	24	26	28	30
Price .....	per dozen	\$24.00	\$26.25	\$28.50	\$31.75	\$34.00	\$35.00	\$39.25	\$43.75
Weight, per dozen, unpacked, pounds		13	14 $\frac{3}{4}$	15 $\frac{3}{4}$	17 $\frac{1}{4}$	20	24 $\frac{1}{4}$	29 $\frac{3}{8}$	30 $\frac{1}{4}$
Width at butt .....	inches	.....	.....	.....	5 $\frac{7}{8}$	.....	7	7 $\frac{3}{8}$	.....
Width at point .....	inches	.....	.....	.....	2 $\frac{1}{4}$	.....	2 $\frac{3}{4}$	2 $\frac{7}{8}$	.....



# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



Rip



Hand



Panel

### ATKINS No. 53 HAND SAW

Atkins No. 53 Hand Saw embodies all the distinctive Atkins characteristics.

It is widely known, wherever the finest saws are used.

The blade is of Atkins Silver Steel. Damaskeen Finish. Taper Ground. Skew back. Ribbon edge.

The handle is of genuine applewood, Perfection Pattern, attractively Embossed. Varnished all over. Highly polished. Fastened to the blade by three brass screws and medallion. Packed in moisture proof bag, one-third dozen in a box.

The genuine saw has the name "E. C. ATKINS & CO." and our AAA trade mark plainly etched on the blade.

The No. 65 is similar to No. 53, excepting straight back.

Length .....	inches	16	18	20	22	24	26	28	30
Price .....	per dozen	\$16.75	\$18.50	\$20.50	\$22.50	\$24.50	\$25.50	\$28.75	\$32.50
Weight, per dozen .....	pounds	12 $\frac{3}{4}$	13 $\frac{1}{4}$	15 $\frac{1}{4}$	17 $\frac{3}{4}$	19 $\frac{1}{2}$	24 $\frac{3}{4}$	29 $\frac{3}{4}$	31
Width at butt .....	inches	.....	.....	.....	5 $\frac{3}{8}$	.....	7	7 $\frac{3}{8}$	.....
Width at point .....	inches	.....	.....	.....	2 $\frac{1}{4}$	.....	2 $\frac{3}{4}$	2 $\frac{7}{8}$	.....

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



Rip



Hand



Panel

### ATKINS No. 54 HAND SAW

An extremely fine popular price saw. The blade is of Atkins Silver Steel. Straight back. Damaskeen Finish. Taper Ground.

The handle is of thoroughly seasoned, extra fine quality of beech. Smoothly finished. Varnished all over and polished, not carved. Fastened to the blade by three brass screws, and a medallion. Packed in moisture proof bag to prevent rusting. One-third dozen in a box.

Length . . . . . inches	12	14	16	18	20	22	24	26	28	30	32	34	36
Price . . . . . per dozen	\$12.00	12.00	13.00	14.00	16.00	18.00	19.00	20.00	23.25	27.00	30.25	34.50	38.75
Weight, per doz. pounds	9¼	10½	11¾	13	15½	17½	21½	26¼	28½	31	33¼	35½	38
Width at butt . . inches					6			7½	7¼				
Width at point . inches					2¾				3				

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL.



Rip



Hand



Panel

### ATKINS No. 55 HAND SAW

The blade used on No. 55 Hand, Panel and Rip Saw is similar to No. 54. It is of Silver Steel. Taper Ground. Damaskeen Finish. Straight back.

The handle is of genuine applewood, varnished all over and finely polished. It is fastened to the blade by three brass screws and a brass screw medallion. Packed one in moisture proof bag. One-third dozen in a box.

Length .....	inches	16	18	20	22	24	26	28	30
Price .....	per dozen	\$14.50	\$16.00	\$18.00	\$19.50	\$21.50	\$23.00	\$26.75	\$31.00
Weight, per dozen .....	pounds	12	13	15	19½	21½	26½	29	34½
Width at butt .....	inches	.....	.....	.....	6	.....	7¼	7½	.....
Width at point .....	inches	.....	.....	.....	2¾	.....	2¼	3	.....

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



Rip



Hand



Panel

### ATKINS No. 64 HAND SAW

An old and very popular pattern. Full width heavy blade, particularly adapted for all kinds of carpentry work where fast and accurate cutting is required. London spring. Silver nickel steel. Atkins Damaskeen Finish. Taper Ground. Straight back.

The handle is of thoroughly seasoned applewood. Old Style, Straight Across Pattern. Atkins exclusive Embossing. Varnished all over and finely polished. Fastened to the blade by three brass screws and brass medallion. Packed one only in moisture proof bag, one-third dozen in a box.

Length .....	inches	16	18	20	22	24	26	28	30	32
Price .....	per dozen	\$18.75	\$21.00	\$23.50	\$26.00	\$28.50	\$30.00	\$35.00	\$41.00	\$47.50
Weight, per dozen, unpacked, pounds		12	14	16	19½	21¾	26¼	29½	33¾	37
Width at butt .....	inches				6		7¼	7½		
Width at point .....	inches				2¾		2¾	3		

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



Rip



Hand



Panel

### ATKINS No. 65 HAND SAW

This is the companion saw to No. 53 and is similar excepting that it is made with a straight back. The blade is of Atkins Silver Steel, and is given the exclusive Atkins Damaskeen Finish. Taper Ground.

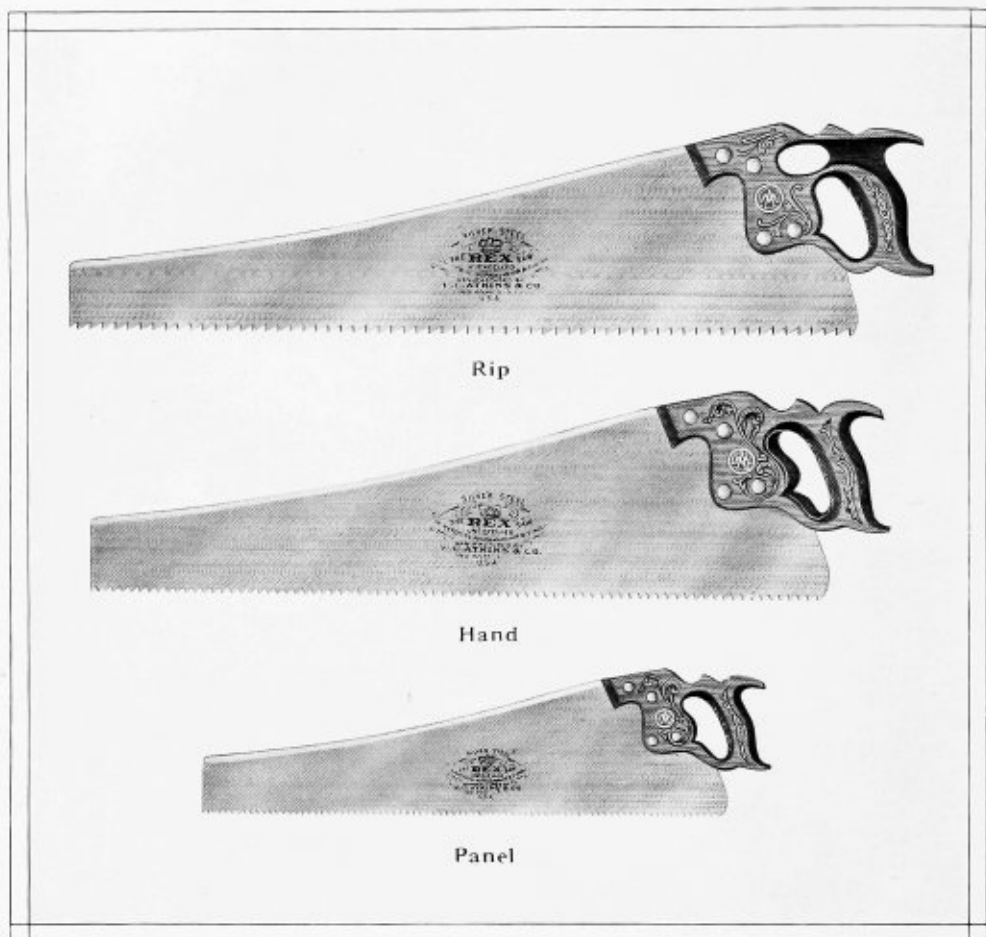
The handle is the Atkins Perfection Pattern. Applewood, thoroughly seasoned, varnished all over, finely finished. The Atkins exclusive Embossing instead of carving. Fastened to the handle by three brass screws and a medallion. Packed one only in moisture proof bag, one-third dozen in box.

Length .....	inches	16	18	20	22	24	26	28	30
Price .....	per dozen	\$16.00	\$17.50	\$19.50	\$21.00	\$23.00	\$24.50	\$28.75	\$32.50
Weight, per dozen .....	pounds	12½	14¼	16	19¾	22	26¾	29½	31¾
Width at butt .....	inches	.....	.....	.....	5¾	.....	7½	7½	.....
Width at point .....	inches	.....	.....	.....	2	.....	2¾	2¾	.....

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



### ATKINS No. 66 HAND SAW

This is a finely proportioned saw. It is given the Atkins exclusive Mirror or Rex Finish. The blade is of Atkins Silver Steel and is Taper Ground by Atkins exclusive process. Skew back. Ribbon edge.

The handle is of genuine applewood. Varnished all over. Handsomely Embossed. Highly polished. Fastened to the blade by four nickel-plated screws and a nickel-plated medallion. Packed in moisture proof bag, one-third dozen in a box.

Atkins No. 66 is similar to No. 67, excepting that it is skew back.

Length .....	inches	16	18	20	22	24	26	28	30	32
Price .....	per dozen	\$17.00	\$19.00	\$21.00	\$23.00	\$25.00	\$27.00	\$31.00	\$36.00	\$42.00
Weight, per dozen .....	pounds	12	13	14	17	19½	25	29¼	33	38
Width at butt .....	inches	.....	.....	.....	5⅞	.....	7	7⅞	.....	.....
Width at point .....	inches	.....	.....	.....	2¼	.....	2¾	2⅞	.....	.....

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



Rip



Hand



Panel

### ATKINS No. 67 HAND SAW

No. 67 is the companion saw to No. 66, being made straight instead of skew back. The blade is of Atkins Silver Steel and tempered exceedingly hard and tough. Atkins exclusive Mirror or Rex Finish. Taper Ground for clearance and runs with but little set.

The handle is the Old Style Straight Across Pattern. Made of genuine applewood. Varnished and polished all over. Beautifully Embossed. Fastened to blade by four nicked screws and nicked medallion. Packed one in moisture proof bag, one-third dozen in a box.

Length..... inches	16	18	20	22	24	26	28	30	32
Price..... per dozen	\$16.00	\$18.00	\$20.00	\$22.00	\$24.00	\$26.00	\$30.00	\$35.00	\$41.00
Weight, per dozen..... pounds	11½	13	14¼	17½	19½	25	29½	33	38
Width at butt..... inches	.....	.....	.....	5¾	.....	7½	7½	.....	.....
Width at point..... inches	.....	.....	.....	2	.....	2¾	2¾	.....	.....

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

SILVER STEEL



Rip



Hand



Panel

### ATKINS No. 68 HAND SAW

Next to Atkins No. 400, this is the finest skew back hand saw made. It is similar in general construction to No. 69 excepting that it has a skew back. The blade is of Atkins Silver Steel, very finely tempered. Taper Ground, and given the Atkins exclusive Mirror or Rex Finish. Ribbon back.

The handle is of thoroughly seasoned carefully selected applewood, Perfection Pattern with the Atkins exclusive Embossing. Varnished all over and highly polished. Fastened to the blade by three nicked screws and a nicked medallion. Packed one in moisture proof bag, one-third dozen in a box.

Length..... inches	16	18	20	22	24	26	28	30	32
Price..... per dozen	\$17.50	\$19.50	\$21.50	\$23.50	\$25.50	\$27.50	\$31.50	\$36.50	\$42.50
Weight, per dozen..... pounds	12 $\frac{3}{4}$	13 $\frac{1}{4}$	15 $\frac{1}{4}$	17 $\frac{3}{4}$	19 $\frac{1}{2}$	24 $\frac{3}{4}$	29 $\frac{1}{2}$	30 $\frac{3}{4}$	32 $\frac{3}{4}$
Width at butt..... inches	.....	.....	.....	5 $\frac{3}{8}$	.....	7	7 $\frac{3}{8}$	.....	.....
Width at point..... inches	.....	.....	.....	2 $\frac{1}{4}$	.....	2 $\frac{3}{4}$	2 $\frac{7}{8}$	.....	.....



# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

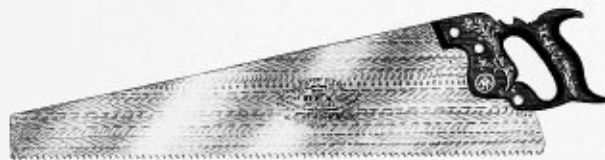
SILVER STEEL



Rip



Hand



Panel

### ATKINS No. 69 HAND SAW

This is a companion to Atkins No. 68, excepting that it is made with a straight back. Next to No. 401, it is the finest hand saw that has ever been made. The blade is of Atkins Silver Steel, and is given an extremely fine temper, producing splendid edge holding qualities. Taper Ground, Atkins exclusive Rex Mirror Finish.

The handle is of thoroughly seasoned applewood, and is given the Atkins exclusive Embossing. Perfection Pattern. Varnished all over. Fastened to blade by three nickel-plated screws and nickel-plated medallion. Packed one in moisture proof bag, one-third dozen in a box.

Length.....inches	16	18	20	22	24	26	28	30	32
Price.....per dozen	\$16.50	\$18.50	\$20.50	\$22.50	\$24.50	\$26.50	\$30.50	\$35.50	\$41.50
Weight, per dozen.....pounds	10½	12½	14½	18	19½	27	28½	31	33
Width at butt.....inches	.....	.....	.....	5½	.....	7	7½	.....	.....
Width at point.....inches	.....	.....	.....	2¾	.....	2¾	3	.....	.....

## ATKINS IMPROVED UNIVERSAL SAW TOOTH

PATENTED

This new style of tooth is being supplied on Hand, Cross Cut, One-Man and Wood Saw Blades. The arrangement of cutting teeth, gullets and general construction produces saws which not only cut exceedingly fast, but will operate equally well in either cross cutting, mitreing or ripping.

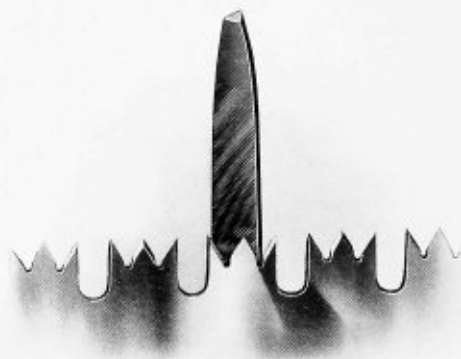
They are particularly well adapted for heavy service and as an all around general utility saw, there is nothing on the market that equals them. In hand saws, they are recommended for farm use and are also desirable for heavy framing purposes.

This style of tooth is popular for use on wood saw blades as the cutting quality is not affected through coming in contact with knots or any variation in the grain.

For One-Man Saws, we recommend the Improved Universal Tooth, as it will cut extremely fast at any angle.

To the right, we show hand saw teeth in exact size. The other types of saws have a similarly shaped tooth and vary only as to size.

You will note that these teeth are filed with a bevel much the same as in a Diamond Point Cross Cut Saw. Each tooth is beveled on the alternate sides. The middle tooth only is set. The raker (those with one straight side next to the gullet) are not set, nor are they filed on the gullet side.

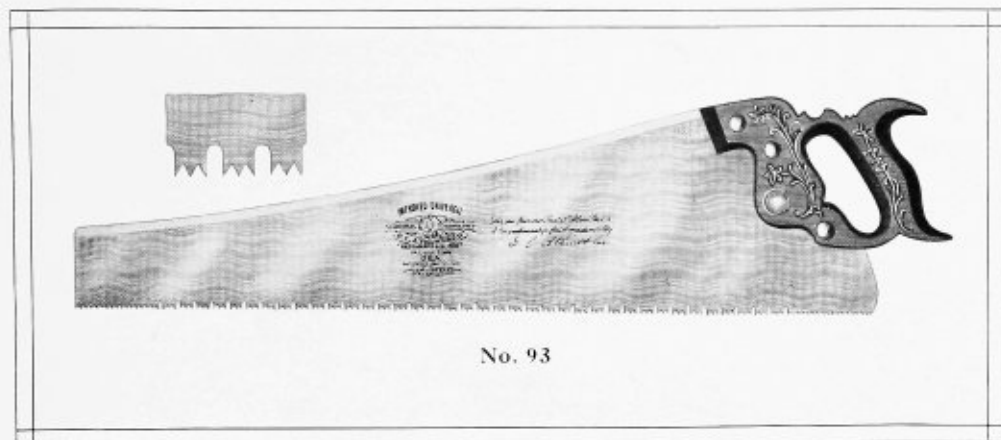


This style of tooth in hand, rip and panel saws is listed on the following page. It will also be found listed in the Cross Cut, One-Man and Wood Saw sections.

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

### ATKINS IMPROVED UNIVERSAL HAND SAW



No. 93

No. 93. Atkins Silver Steel, Damaskeen Finish, skew back, embossed apple handle.

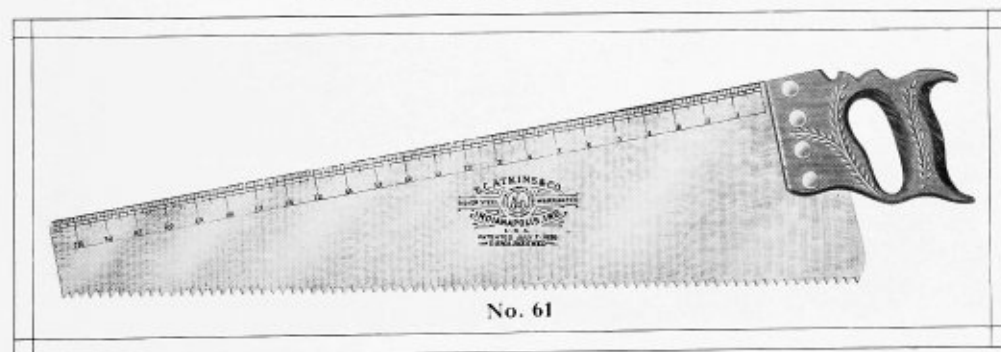
No. 94. Atkins Silver Steel, Damaskeen Finish, straight back, polished apple handle.

No. 96. Sheffield Saw Works, special steel, polished finish, warranted, skew back, carved and polished apple handle.

No. 99. Sheffield Saw Works, cast steel, skew back, beech handle, polished edge.

Length . . . . . inches	16	18	20	22	24	26	28	30	32
Price, No. 93. . . . . per dozen	\$29.50	\$30.50	\$31.50	\$33.00	\$34.50	\$36.00	\$40.00	\$44.00	\$48.00
Price, No. 94. . . . . per dozen	25.50	26.50	27.50	28.50	30.00	31.50	34.00	37.50	41.50
Price, No. 96. . . . . per dozen	21.00	22.00	23.00	24.00	25.00	26.50	29.50	32.50	36.50
Price, No. 99. . . . . per dozen	17.50	18.25	19.00	19.75	20.50	21.50	24.00	27.00	30.00
Weight, No. 93, per dozen. pounds	11	13 $\frac{3}{4}$	15 $\frac{3}{4}$	17 $\frac{1}{4}$	20	24 $\frac{1}{4}$	29 $\frac{3}{4}$	30 $\frac{1}{4}$	33
Weight, No. 94, per dozen. pounds	11 $\frac{3}{4}$	13	15 $\frac{1}{2}$	17 $\frac{1}{2}$	21 $\frac{1}{2}$	26 $\frac{1}{4}$	28 $\frac{1}{2}$	32	36
Weight, No. 96, per dozen. pounds	11 $\frac{1}{2}$	13 $\frac{1}{2}$	15	17	18	24 $\frac{1}{2}$	26 $\frac{1}{4}$	30	33
Weight, No. 99, per dozen. pounds	11 $\frac{1}{2}$	13 $\frac{1}{4}$	14 $\frac{1}{2}$	16 $\frac{1}{2}$	19 $\frac{1}{2}$	24	27	30	33

### No. 61 SILVER STEEL HAND SAW



No. 61

Silver Steel, warranted, Damaskeen Finish, combined rule and square, carved apple handle.

We will furnish this saw when so ordered, with a brass plate on the straight edge of the handle, to prevent wear. Weight, per dozen, 26 pounds.

Length . . . . . inches	26
Price, with plate. . . . . per dozen	\$29.00
Price, without plate. . . . . per dozen	26.00

Above packed one-third dozen in box.

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS

### SHIP CARPENTERS' SILVER STEEL



No. 72



No. 53



No. 65



No. 54

No. 72, Narrow Pattern. Silver Steel, Damaskeened, carved apple handle. The 26 inch blades are  $5\frac{3}{4}$  inches wide at the butt, and  $1\frac{3}{8}$  inches wide at the point. Other lengths are of proportionate widths.

No. 53, Ship Carpenters'. Silver Steel, skew back, Damaskeened, embossed and polished apple handle, Perfection Pattern.

No. 65, Ship Carpenters'. Silver Steel, Damaskeened, embossed and polished apple handle, Perfection Pattern.

No. 54, Ship Carpenters'. Silver Steel, Damaskeened, beech handle, polished edge.

Length . . . . . inches	14	16	18	20	22	24	26	28	30
Price, No. 72 . . . . . per dozen	\$16.00	\$17.50	\$19.50	\$21.00	\$23.00	\$24.50	\$28.75	\$32.50	
Price, No. 53 . . . . . per dozen	16.75	18.50	20.50	22.50	24.50	25.50	28.75		
Price, No. 65 . . . . . per dozen	16.00	17.50	19.50	21.00	23.00	24.50	28.75		
Price, No. 54 . . . . . per dozen	\$12.00	13.00	14.00	16.00	18.00	19.00	20.00	23.25	
Weight, No. 72, per dozen . pounds	12 $\frac{3}{4}$	14 $\frac{1}{2}$	16 $\frac{1}{4}$	17	18	19 $\frac{1}{2}$	23 $\frac{1}{2}$	26 $\frac{3}{4}$	
Weight, Nos. 53 and 65, per dozen . pounds	12	13 $\frac{1}{2}$	15	17	19 $\frac{3}{4}$	21	23		
Weight, No. 54, per dozen . pounds	9 $\frac{1}{4}$	12	13 $\frac{1}{2}$	15	17	19 $\frac{3}{4}$	21	23	

Ship point saws will be made in any quality of Atkins brand at their respective prices.  
Above packed one-third dozen in box.

# ATKINS SILVER STEEL SAWS

## ATKINS HAND, PANEL AND RIP SAWS



No. 70



No. 71

Atkins Nos. 70 and 71 Hand Saws

These saws are made of Atkins Special Steel. Next to our Silver Steel Saws, they are the finest saws in the world. The blades are Taper Ground and given a high polished finish.

No. 70 is a skew back, polished edge and is equipped with the Atkins Perfection Pattern Handle made of applewood, varnished all over and fastened to the blade by three brass screws and a medallion.

No. 71 is the straight back, equipped with the old style straight across handle, made of thoroughly seasoned, carefully selected beech, finely finished. Varnished all over. Fastened to the blade by three brass screws and a medallion.

Length . . . . . inches	12	14	16	18	20	22	24	26	28	30
Price, No. 70 . . . . . per dozen	\$11.50	\$12.25	\$13.50	\$15.00	\$16.50	\$18.00	\$19.50	\$21.00	\$25.00	\$29.00
Price, No. 71 . . . . . per dozen	10.50	11.50	12.25	13.50	15.00	16.50	17.50	18.25	21.25	24.50
Weight, No. 70, per dozen . pounds	10	11	12	13	15	18	20	24½	28½	32¼
Weight, No. 71, per dozen . pounds	10	11	12	13	15	18	20	24½	28½	32¼

Packed one-third dozen in a box.

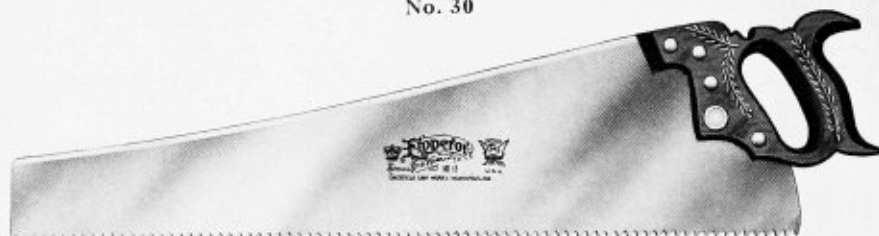
# ATKINS SILVER STEEL SAWS

## HAND, PANEL AND RIP SAWS

SHEFFIELD SAW WORKS



No. 30



No. 48



No. 56

Nos. 30 and 48 hand saws are made from fine crucible steel full width, high polish, skew back, polished and carved handle.

Nos. 30½ and 48½ same as Nos. 30 and 48 respectively, excepting that they are straight back.

26 inch saws and longer have 5 screws, 24 inch saws and shorter have 4 screws.

No. 56 hand saws are made of special steel, skew back, carved and polished handle.

All above fully warranted.

Length .....	inches	14	16	18	20	22	24	26	28	30
Price, Nos. 30 and 48..	per dozen	\$14.00	\$15.00	\$16.00	\$17.00	\$18.00	\$19.00	\$20.00	\$23.00	.....
Price, No. 56 .....	per dozen	11.75	12.25	12.75	13.25	14.00	14.75	17.75	19.25	21.25
Weight, per dozen .....	pounds	9½	11½	13½	15	17	18	24½	26¼	30

Packed one-third dozen in a box.

# ATKINS SILVER STEEL SAWS

## HAND, PANEL AND RIP SAWS

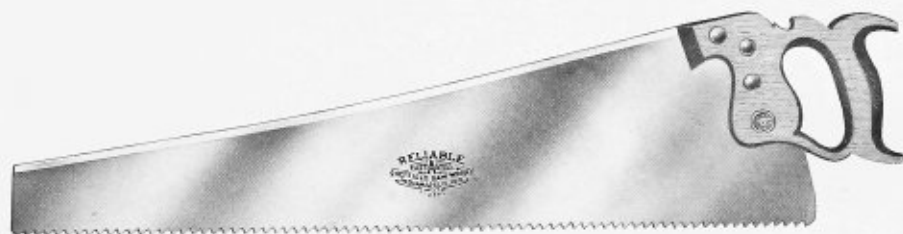
SHEFFIELD SAW WORKS



No. 57



No. 58



No. 59

### Nos. 57, 58 AND 59 HAND SAWS

These are medium priced saws, put up under the brand of the Sheffield Saw Works.

No. 57 is made of special steel, nicely finished. The handle is of beech, varnished edge and fastened to blade by three brass screws and a medallion. Straight back.

No. 58 is made of a high quality cast steel, finely finished and warranted. Straight back. The handle is of beech, varnished on edges and fastened to the blade by three brass screws and a medallion.

No. 59 is a skew back pattern, made of high quality cast steel fully warranted. The handle is of thoroughly seasoned beech, with varnished and polished edges. Fastened to blade by three brass screws and a medallion.

No. 57 is packed one-half dozen in a box. Nos. 58 and 59, one-third dozen in a box.

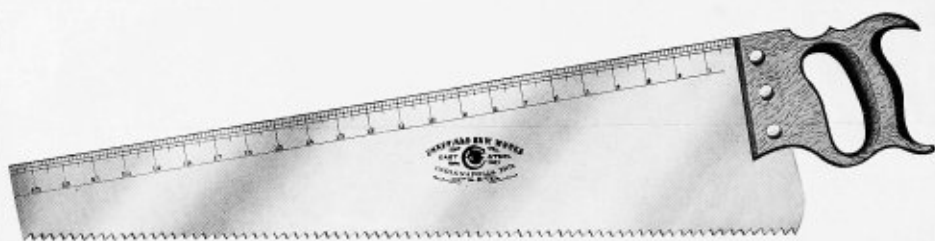
Length . . . . . inches	14	16	18	20	22	24	26	28
Price, No. 57 . . . . . per dozen	\$5.75	\$6.00	\$6.50	\$7.00	\$7.50	\$8.00	\$9.00	\$10.50
Price, No. 58 . . . . . per dozen	9.00	9.50	10.25	11.00	11.75	12.50	13.50	15.50
Price, No. 59 . . . . . per dozen	9.50	10.00	10.75	11.50	12.25	13.00	14.00	16.00
Weight, No. 57, per dozen . pounds	9 $\frac{1}{4}$	11 $\frac{1}{2}$	12 $\frac{1}{2}$	14	17	19 $\frac{1}{4}$	24 $\frac{3}{4}$	27 $\frac{1}{2}$
Weight, No. 58, per dozen . pounds	9 $\frac{1}{4}$	11 $\frac{1}{2}$	13 $\frac{1}{4}$	14 $\frac{3}{4}$	16 $\frac{1}{4}$	19 $\frac{1}{4}$	23	26 $\frac{1}{2}$
Weight, No. 59, per dozen . pounds	10 $\frac{1}{2}$	12	13 $\frac{1}{4}$	14 $\frac{1}{2}$	17 $\frac{1}{2}$	19 $\frac{1}{2}$	23 $\frac{1}{2}$	27

Above weights are for saws unpacked.

# ATKINS SILVER STEEL SAWS

## HAND, PANEL AND RIP SAWS

SHEFFIELD SAW WORKS



No. 60



No. 62



No. 63

### Nos. 60, 62 AND 63 HAND SAWS

Sheffield Saw Works line. Splendid value for the money.

No. 60 blade with combined rule and square is made of special steel, finely finished. A two foot rule is etched along the back of the blade. The handle, being at right angles to the straight edge back forms a square. The handle is of beech, nicely finished and fastened to the blade by three brass screws.

No. 62 is a good serviceable saw for the money. Blade is made of special steel, nicely finished. Beech handle. Varnished on edge, fastened to blade by two brass screws and a medallion.

No. 63 has a special crucible steel blade, warranted. Nicely finished. Beech handle, varnished on edge, fastened to blade by three brass screws and a medallion.

Nos. 60 and 62 are packed one-half dozen in a box.

No. 63, one-third dozen in a box.

Length . . . . . inches	14	16	18	20	22	24	26	28	30	32
Price, No. 60 . . . . . per dozen							\$9.00			
Price, No. 62 . . . . . per dozen	\$5.00	\$5.25	\$5.50	\$6.00	\$6.50	\$7.00	7.50	\$8.50		
Price, No. 63 . . . . . per dozen	9.50	10.50	11.50	13.00	14.50	16.00	17.25	21.00	24.00	27.00
Weight, No. 60, per dozen. pounds							23½			
Weight, No. 62, per dozen. pounds	8¾	10	11½	13½	17	18	22½	26½		
Weight, No. 63, per dozen. pounds	10½	11½	12½	15	17½	20½	25½	29	30½	32½





ATKINS  
SILVER STEEL SAWS  
for  
Manual Training School



## ATKINS MANUAL TRAINING SCHOOL SAWS

Atkins Silver Steel Saws are particularly desirable for use in Manual Training Schools, where the finest equipment is essential. We realize fully the importance of supplying the younger generation with strictly high grade saws. Our Manual Training Saws are made with this idea in view.

The material used in and the general construction of Atkins Manual Training Saws is similar to the regular line.

We particularly solicit the opportunity of submitting samples of Manual Training Saws, for comparative test, and shall be pleased to hear from any one who contemplates the purchase of an outfit.

On the following page, will be found illustrations of the general Manual Training line, followed by a page listing these various saws.

Atkins Silver Steel Manual Training Saws have been adopted by many of the largest institutions in the country. We have most convincing letters of endorsement from many of the most prominent instructors, which we will furnish upon request.

We have specialists who reach every city in the United States, and can arrange with any Manual Training Institution to have our experts deliver an address to their students on "Manufacture and Use of Saws."

We are also in a position to furnish necessary saws to be used in connection with a power equipment, such as Bands, Circular Saws, Felloe Webs, Scroll Saws, Machine Knives.

For the metal working departments, Atkins AAA Hack Saw Blades will be found admirably fitted. These, used in connection with any of the improved patterns of Atkins Hack Saw Frames, will insure most satisfactory service.

Atkins Kwik-Kut High Speed Power Hack Saw Machines are in use in many of the largest equipments. Our circular metal saws and metal cutting band saws should also be considered.

# ATKINS SILVER STEEL SAWS

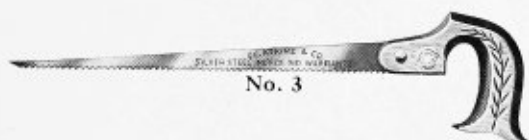
## MANUAL TRAINING TOOLS



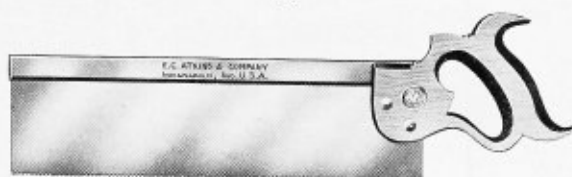
No. 51



No. 53



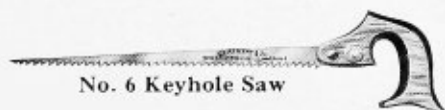
No. 3



No. 2 Back Saw



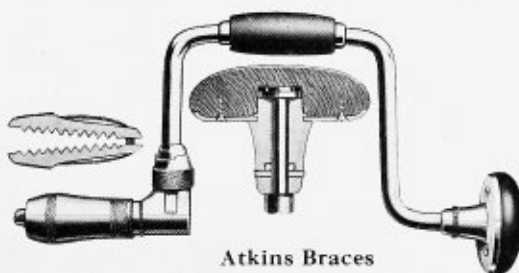
No. 50 Coping Saw



No. 6 Keyhole Saw



Perfection Floor Scraper



Atkins Braces

## ATKINS *SILVER STEEL* SAWS

### ATKINS MANUAL TRAINING SAWS

The following prices cover the various saws shown on the previous page.

Other items manufactured by us and used in Manual Training work will be found in their proper departments throughout this book.

#### No. 53

This saw is fully described on page 131. Lengths from 16 to 30 inches.

Length .....	inches	16	18	20	22	24	26
Price .....	per dozen	\$16.75	\$18.50	\$20.50	\$22.50	\$24.50	\$25.50

#### No. 51

For description, see page 129. Lengths from 16 to 32 inches.

Length .....	inches	16	18	20	22	24	26
Price .....	per dozen	\$16.00	\$17.75	\$19.50	\$21.75	\$23.50	\$24.50

#### No. 3 COMPASS

For details, see page 152. Other styles shown on that page, also on page 153.

Lengths, 10, 12, 14 and 16 inch .....	per dozen	\$5.00
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#### No. 6 KEYHOLE

This saw is shown together with other patterns on page 153. Made 10 and 12 inch.

Price .....	per dozen	\$4.50
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#### No. 2 BACK SAW

A complete line of back and mitre box saws is shown on page 151.

Length .....	inches	8	10	12	14	16	18
Price .....	per dozen	\$15.00	\$16.00	\$18.00	\$20.00	\$22.50	\$25.00

#### No. 50 COPING SAW

This and other styles of coping saws will be found on pages 175 and 176.

No. 50, complete with blade .....	per dozen	\$10.00
Blades only .....	per dozen	.85

#### PERFECTION FLOOR SCRAPER

This with several other patterns of scrapers and scraper blades is fully listed and described on page 179.

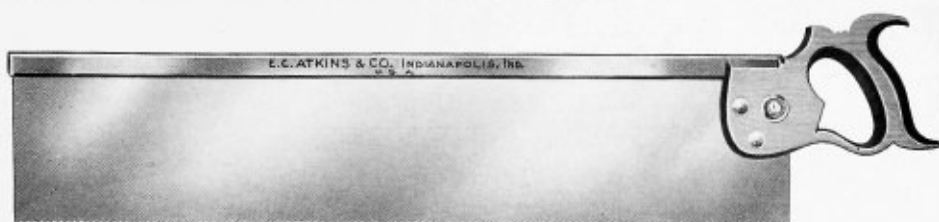
Price .....	per dozen	\$10.00
Extra blades of Silver Steel .....	per dozen	1.40

#### ATKINS BRACES

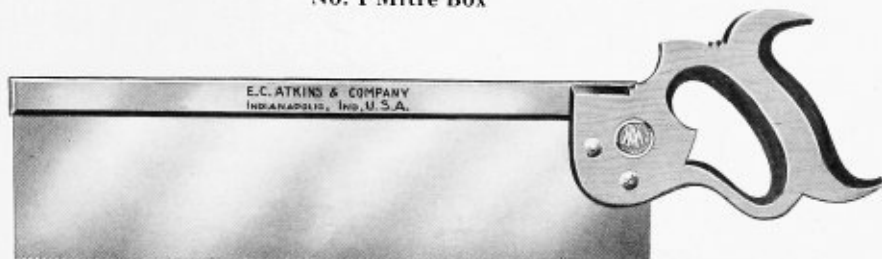
We manufacture a very complete line of braces of all kinds, suitable for Manual Training purposes. They will be found fully illustrated, described and listed on pages 191 to 199, inclusive.

# ATKINS SILVER STEEL SAWS

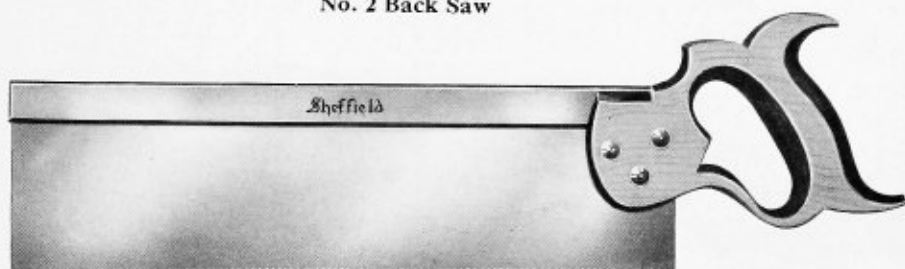
## ATKINS MITRE BOX AND BACK SAWS



No. 1 Mitre Box



No. 2 Back Saw



No. 3 Back Saw

The teeth of mitre box and back saws being unusually fine, it is quite a task to properly file and set them. For this reason, a back saw should be made of the very finest material, thus making frequent refitting unnecessary.

Atkins No. 1 Mitre Box Saw and No. 2 Back Saw are made of Atkins Silver Steel, which insures their quality. The teeth will hold their points and set. No. 3 back saw is made of standard cast steel, finely tempered, and will be found satisfactory for ordinary service.

Great care is taken in the manufacture of Atkins Back Saws, to make them stiff and rigid. For this purpose we use a special steel in the backs.

Nos. 1 and 2 are made with genuine applewood handle, polished edges and fastened to the blade by two brass screws and a brass medallion. No. 3 has a thoroughly seasoned beech handle, nicely finished, and fastened to the blade by three brass screws.

Back saws have 12 points to the inch when longer than 14 inches. 14 points in all shorter lengths.

Packed one-third dozen in a box.

8, 10 and 12 inch blades about 21 gauge. From 14 to 26 inch blades about 20 gauge. 28 inch and over about 19 gauge.

### ATKINS MITRE BOX SAWS

#### No. 1

Length	inches	18	20	22	24	26	28	30	32
Price, 4 inches under back	per dozen	\$25.25	\$27.50	\$29.75	\$32.00	\$34.25	\$36.50	\$38.75	\$41.00
Price, 5 inches under back	per dozen			32.00	35.00	38.00	41.00	44.00	47.00
Price, 6 inches under back	per dozen			35.50	39.00	42.50	46.00	49.50	53.00
Weight, 4 inch, per dozen	pounds	25½	28¾	32¾	33¾	35	40	43	46
Weight, 5 inch, per dozen	pounds			38	39½	40¼	43½	48	54
Weight, 6 inch, per dozen	pounds			40	42½	44	48½	52½	56

### ATKINS SILVER STEEL BACK SAWS

#### No. 2

Length	inches	8	10	12	14	16	18
Price	per dozen	\$15.00	\$16.00	\$18.00	\$20.00	\$22.50	\$25.00
Weight, per dozen	pounds	10½	12	14	18¾	22½	25½

### SHEFFIELD SAW WORKS BACK SAWS

#### No. 3

Length	inches	8	10	12	14	16	18	20	22	24
Price	per dozen	\$10.25	\$11.50	\$13.00	\$15.75	\$18.00	\$20.25	\$22.75	\$25.25	\$27.75
Weight, per dozen	pounds	10½	12	14	18¾	22½	25½	29½	33	36½

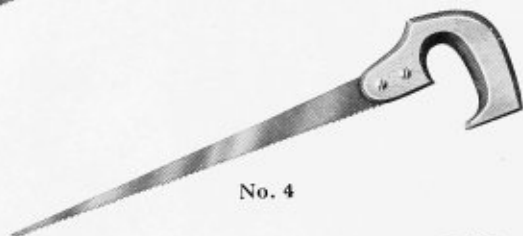
ATKINS COMPASS SAWS



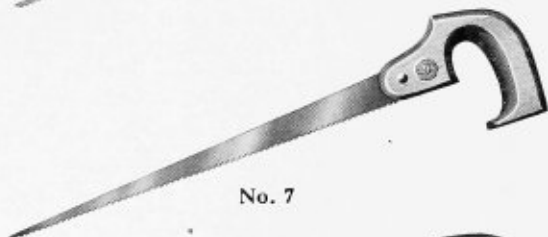
No. 2



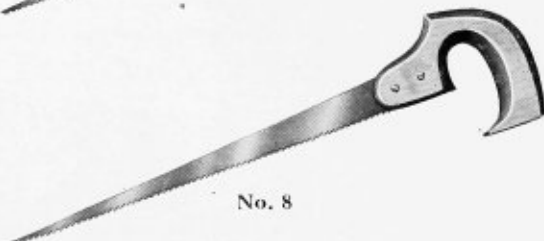
No. 3



No. 4



No. 7



No. 8

**No. 2 SILVER STEEL**

Saw screw and medallion, carved and polished apple handle.

Length Inches	PRICE, PER DOZEN	
	Saws Complete	Blades Only
10	\$5.00	\$3.00
12	5.25	3.25
14	5.50	3.50
16	5.75	3.75
18	6.00	4.00

**No. 3 SILVER STEEL**

Saw screw and medallion, carved and polished beech handle. Made in 10, 12, 14 and 16 inch lengths.

Price.....per dozen \$5.00

**No. 4**

Saw screws, beech handle varnished edge. Made in 10, 12, 14 and 16 inch lengths.

Price.....per dozen 3.00

**No. 7**

Saw screw and medallion, beech handle varnished edge. Made in 10, 12, 14 and 16 inch lengths.

Price.....per dozen 3.50

**No. 8**

Polished wood screws, beech handle, varnished edge. Made in 10, 12, 14 and 16 inch lengths.

Price.....per dozen 2.50

**WEIGHTS**

Nos. 2, 3, 4, 7, 8, and 9

Length Inches	Per Dozen Pounds
10	5¼
12	6
14	6½
16	7
18	7¼

All the above put up half dozen in a box.

# ATKINS SILVER STEEL SAWS

## ATKINS COMPASS AND KEYHOLE SAWS

### ATKINS COMPASS SAWS, No. 9

Saw screw and medallion, beech handle. Made in 10, 12, 14 and 16 inch lengths.

Price.....per dozen \$3.25

### No. 10 INTERCHANGEABLE

Beech handle.

Length Inches	PRICE, PER DOZEN	
	Saws Complete	Blades Only
10	\$4.50	\$2.50
12	4.75	2.75
14	5.00	3.00
16	5.25	3.25
18	5.75	3.50
20	6.25	3.75

### No. 11 ADJUSTABLE

Apple handle, carved and polished.

Length Inches	PRICE, PER DOZEN	
	Saws Complete	Blades Only
10	\$6.50	\$3.00
12	6.75	3.25
14	7.00	3.50
16	7.25	3.75
18	7.50	4.00

### WEIGHTS Nos. 10 AND 11

Length Inches	Per Dozen Pounds
10	6
12	6½
14	7
16	7¾
18	8¾
20	8¾

### KEYHOLE SAWS

#### No. 5

Sheffield Saw Works. Beech handle. Made in 10 and 12 inch lengths. Weight, per dozen: 10 inch, 4 pounds; 12 inch, 4 pounds.

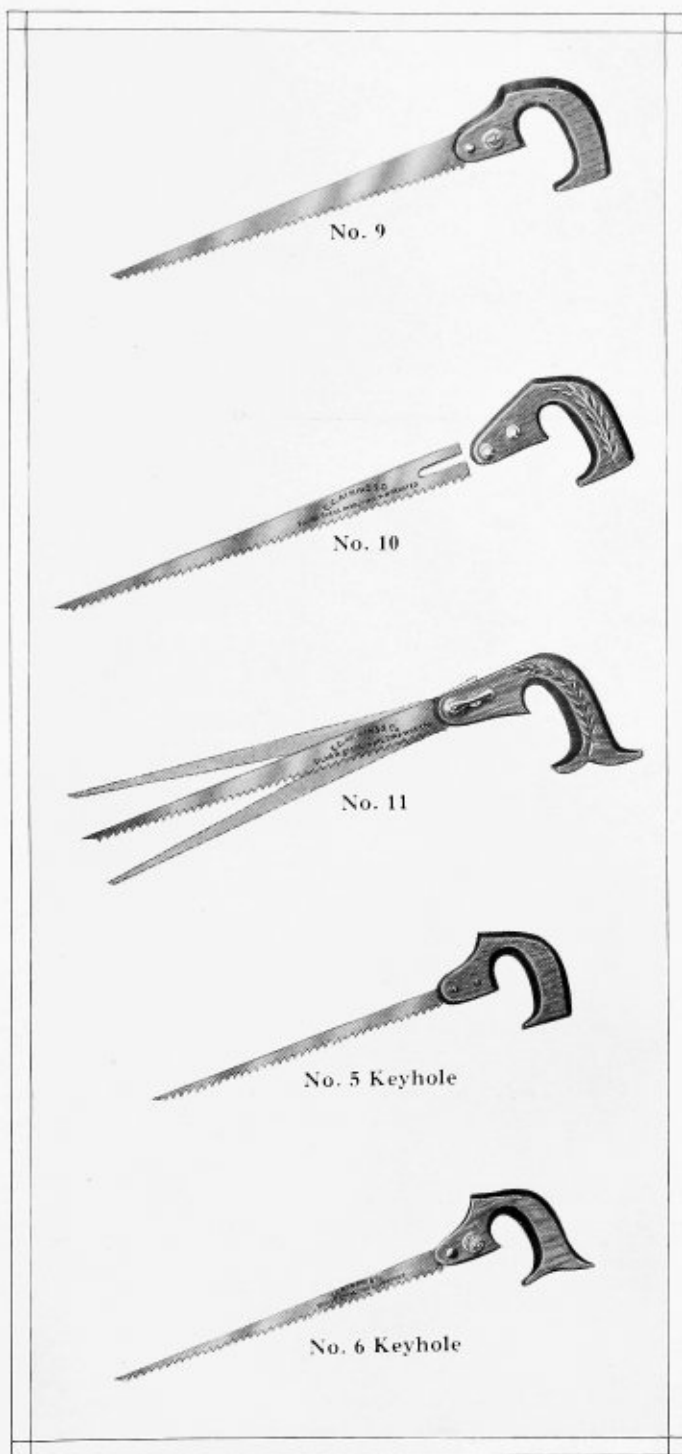
Price.....per dozen \$2.50

#### No. 6

E. C. Atkins & Co. Saw Screw and Medallion. Apple handle. Made in 10 and 12 inch lengths. Weight, per dozen: 10 inch, 4½ pounds; 12 inch, 4½ pounds.

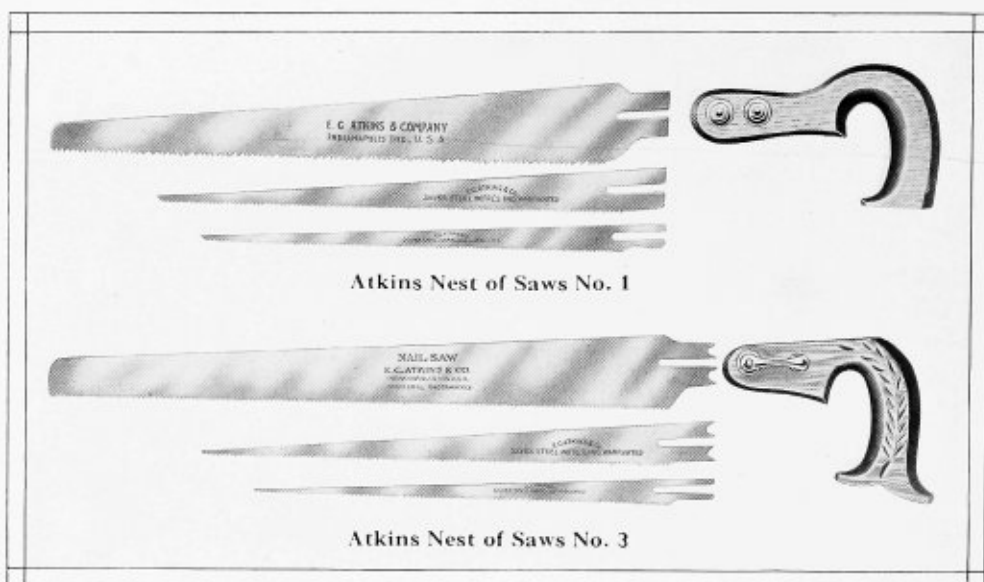
Price.....per dozen 4.50

All the above saws are put up one-half dozen in a box.



# ATKINS SILVER STEEL SAWS

## ATKINS NESTS OF SAWS



Atkins Nest of Saws No. 1

Atkins Nest of Saws No. 3

No carpenter's kit is complete without a nest of saws. They virtually give the advantage of three saws within the space and weight of one.

We have carefully studied the requirements of the best mechanics and show herewith three of the most useful assortments.

### ATKINS No. 1 NEST OF SAWS

We recommend this set for general purposes. It consists of a keyhole, compass and pruning saw blade and handle as illustrated.

### ATKINS No. 2 NEST OF SAWS

This combination comprises two sizes of compass saws and a keyhole blade, in connection with the removable handle.

### ATKINS No. 3 NEST OF SAWS

This set has been in sensational demand wherever shown. It includes an adjustable handle, a compass and a keyhole blade and a Silver Steel Metal Cutting Blade, all of which are interchangeable. The nail cutting blade is tempered exceedingly hard for cutting nails, piping, or any metal obstruction. It is Taper Ground from the toothed edge to the back, so that it clears itself readily. Should the user come in contact with a metal obstruction, instead of resorting to a cold chisel, or other tool, he may saw through the metal with the hard blade and proceed with the ordinary hand saw.

No. 3 nest is equipped with an adjustable handle of the latest Improved Pattern, with a tightening adjustment consisting of a heavily nickel-plated screw, which may be operated from either side of the handle permitting the blade to be used at any desired angle.

This set is particularly useful for repair work, plumbers, gas fitters, stair builders and similar trades. Packed one-quarter dozen in handsome box attractively labelled.

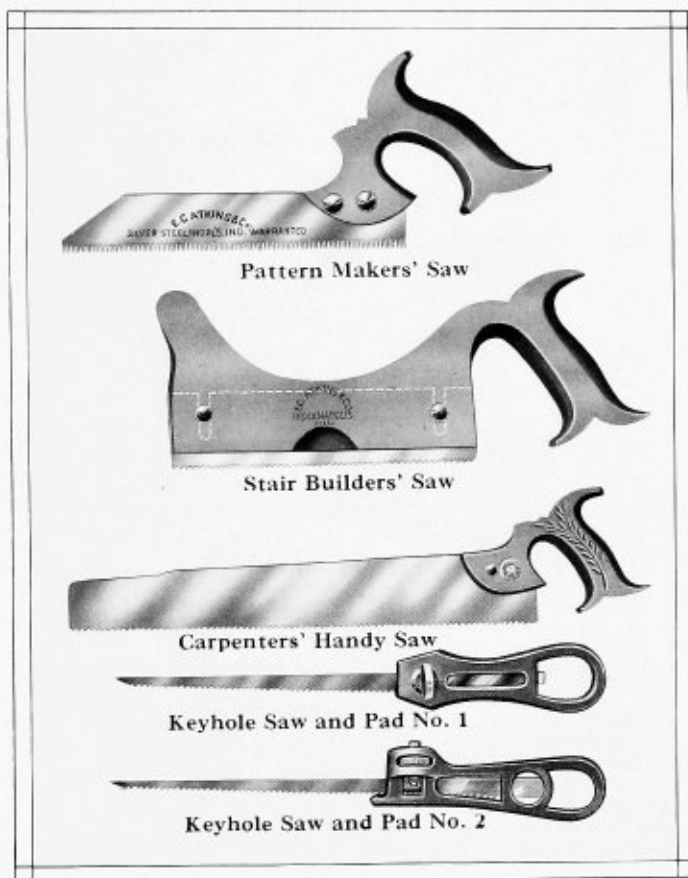
Description	PRICE, PER DOZEN		
	No. 1	No. 2	No. 3
Handles and screws.....	\$2.00	\$2.00	\$3.50
Keyhole blades, 10 inches long.....	.....	2.00	.....
Keyhole blades, 12 inches long.....	2.00	.....	2.00
Compass blades, 12 inches long.....	.....	2.75	.....
Compass blades, 14 inches long.....	3.00	.....	3.00
Compass blades, 16 inches long.....	.....	3.25	.....
Pruning blades, 18 inches long.....	5.50	.....	.....
Special nail cutting blades, 18 inches long.....	.....	.....	11.50
Total for nests.....	\$12.50	\$10.00	\$20.00
Weight, per dozen sets..... pounds	11¾	10	14

Nos. 1 and 2 nests can be furnished with our patent adjustable handle as follows: No. 1 nest, \$14.00 per dozen and No. 2 nest \$11.50 per dozen.



# ATKINS SILVER STEEL SAWS

## ATKINS SPECIAL SAWS



### ATKINS PATTERN MAKERS' SAW

This saw is designed for very fine smooth work. The blade is  $7\frac{1}{2}$  inches long and there are 14 sharp, pointed teeth to the inch. The handle is of sanded applewood. Two brass screws.  
Packed one in a box with label on top and end.

Price ..... per dozen \$5.50

### ATKINS STAIR BUILDERS' SAW

Beech handle, varnished edge. Length 6, 8 and 10 inches. Width of blade,  $1\frac{3}{4}$  inches.

Price ..... per dozen \$6.50

### ATKINS CARPENTERS' HANDY SAW

Silver Steel, apple handle, carved. Put up one-third dozen in a box.

Length ..... inches 17  
Price ..... per dozen \$15.00

### ATKINS KEYHOLE SAW AND PAD

#### No. 1

Keyhole saws ..... per dozen \$1.60  
Handle ..... per dozen .70  
Complete ..... per dozen 2.30

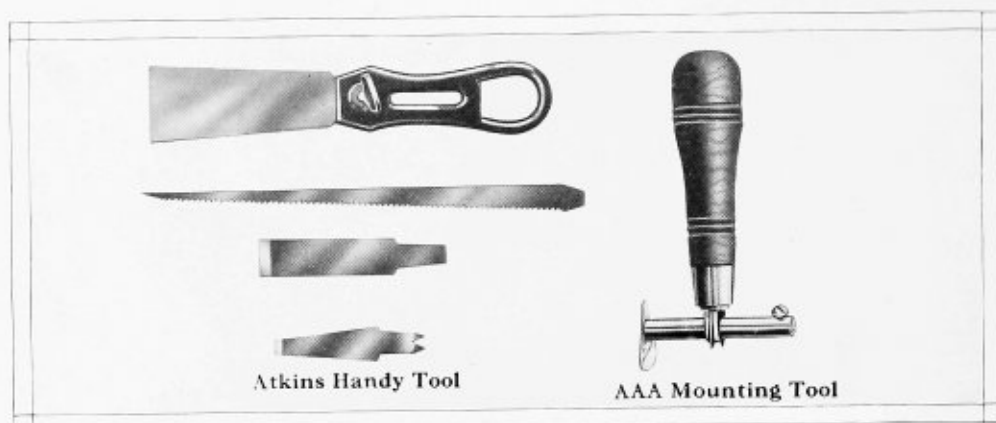
#### No. 2

Keyhole saws ..... per dozen \$1.70  
Handle ..... per dozen 1.20  
Complete ..... per dozen 2.90

Above keyhole saws are put up one dozen in a box.

# ATKINS SILVER STEEL SAWS

## ATKINS HANDY AND MOUNTING TOOLS



Atkins Handy Tool

AAA Mounting Tool

### ATKINS HANDY TOOLS

A set of tools that consists of keyhole saw and pad, putty knife, chisel, screw driver and claw. Put up one set in a box. Just the tools for home use.

Price, handles . . . . . per dozen	\$ .70	Price, chisels . . . . . per dozen	\$1.00
Price, keyhole saws . . . . . per dozen	1.60	Price, screw drivers and tack claws . per dozen	1.00
Price, putty knives . . . . . per dozen	1.50	Price, tools, complete set . . . . .	5.80

Price for one set Handy Tools, 50 cents. If sent by mail, 8 cents additional.

### ATKINS "AAA" MOUNTING TOOL

This is a combination gauge for mounting butts and locks.

It is indispensable for gauging and cutting for lock plates, door butts and other mountings that are to be set in wood.

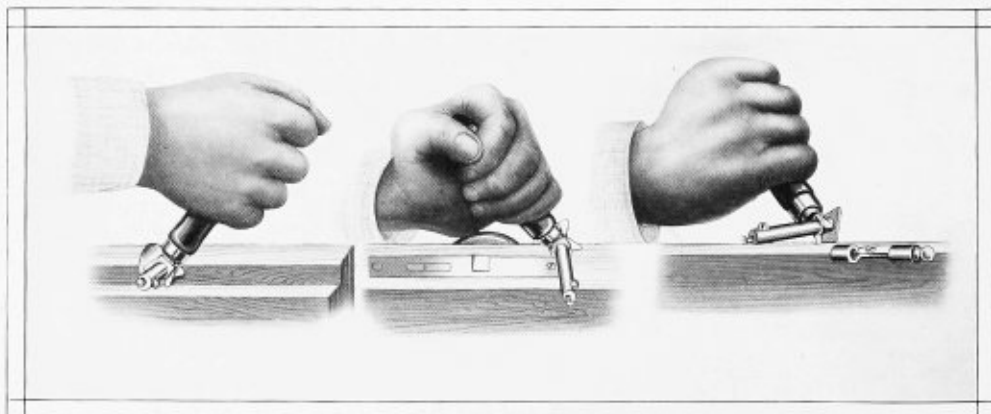
The lower right hand illustration shows the tool in use cutting for butts. By turning handle to the left the marker is loosened on the gauge rod so that it may be set at any desired point. The small scratch point on the end of the shaft takes the thickness of the butt in the wood.

The lower left hand illustration shows the operation of gauging and cutting a rabbeted jamb for a door butt. The gauge plate is  $\frac{1}{8}$  inch thick which gives the necessary clearance between the door and frame or stop. As each blade has two cutting edges the tool may be operated by drawing it up or down.

The lower center illustration shows the tool in use for mounting locks. The markers being sharp, the tool in ordinary wood will not only gauge but cut to the desired depth. These may be sharpened with an ordinary file.

Handle finely finished, all metal parts nickel-plated and buffed, length of gauge rod  $2\frac{1}{8}$  inches, extreme length of gauge 6 inches, weight  $5\frac{1}{2}$  ounces, packed one in a box, handsomely labelled.

Price . . . . . per dozen \$15.00

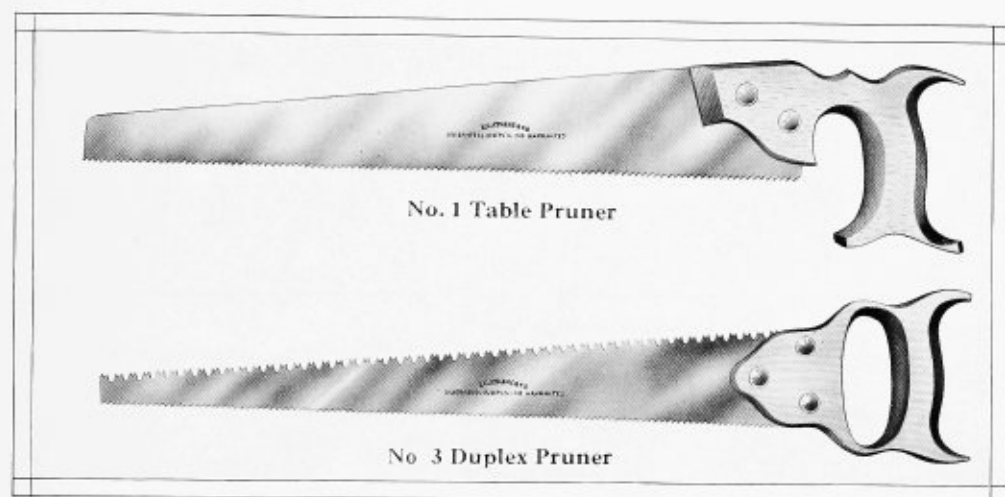


# ATKINS SILVER STEEL SAWS

## ATKINS PRUNING SAWS

With the development of the science of tree surgery, scientific pruning is being given a position of much more prominence than in the past. As saws enter largely into this work, the manufacture of special saws for this purpose has become one of our most important departments.

We present, therefore, what we believe to be the most varied and complete line of pruning saws.



### No. 1 TABLE PRUNER

The blade is made of Atkins Silver Steel and, therefore, has unusual edge holding qualities. In 20 inch length, the blade is  $2\frac{5}{8}$  inches at the handle and 1 inch at the point. Handle of fine hardwood, thoroughly seasoned. Varnished edge and fastened to blade by two brass screws.

### No. 3 DUPLEX PRUNER

Made of Atkins Silver Steel, specially hardened and tempered. Will require very little refiling. Toothed on one edge with tuttle shaped tooth for extra heavy coarse work and with fine tooth on the opposite edge for fine cutting. The handle is of thoroughly seasoned, air-dried applewood, finely finished, varnished edge, Easy Grip Pattern, fastened to the blade by three brass screws.

Length .....	inches	12	14	16	18	20	22	24	26
Price, No. 1.....	per dozen	\$6.00	\$6.50	\$7.00	\$7.75	\$8.50	\$9.25	\$10.00	\$11.00
Price, No. 3.....	per dozen	8.50	9.00	9.50	10.50	11.50	12.50	.....	.....
Weight, No. 1, per dozen.....	pounds	7½	8½	9	10¼	11	11¾	12¼	13
Weight, No. 3, per dozen.....	pounds	7½	8	9	10	11	12	.....	.....

Nos. 1 and 3 saws packed one-third dozen in box.

**ATKINS PRUNING SAWS—Continued****No. 2 DUPLEX**

The blade is of Atkins High Grade Special Steel, very carefully tempered, finely finished. One edge is finished with a tittle shaped tooth for fast and heavy cutting, while the other is shaped for finer work. It tapers from 2½ inches at the handle to  $\frac{9}{16}$  inch at the point. The handle is of hardwood, varnished edges and fastened to the blade by three saw screws.

**No. 4**

The blade is heavy gauge and is of Atkins High Grade Special Steel, tempered very stiff, tough and hard, but not brittle. The handle is of thoroughly seasoned hardwood, handsomely carved and fastened to the blade by three brass screws and a medallion.

**No. 12 PARAGON**

This blade is made of Atkins Silver Steel with a hard, stiff temper. The concave edge is toothed for fine cutting and the opposite edge for coarse, heavy work. It tapers from 2½ inches at the handle to 1 inch at the point. The handle is of thoroughly seasoned hardwood, finely finished, varnished on the edges and fastened to the blade by three saw screws.

**No. 13 CALIFORNIA**

The blade is of Atkins Silver Steel. The handle is of highly finished applewood and fastened to the blade by three brass screws.

**No. 20 CALIFORNIA**

Similar to the No. 13, excepting that the blade is made of Atkins High Grade Special Steel. The handle is of thoroughly seasoned hardwood, nicely finished and fastened to the blade by three steel rivets.

**No. 7 TAPERED**

The frame is made of very fine crucible steel,  $\frac{3}{4}$  inch wide,  $\frac{3}{16}$  inch thick. The blade is of high quality special steel, blued, 8 points to the inch. Cuts at any angle. The handle may be mounted on a pole enabling the user to operate from the ground.

**No. 9 TAPERED**

It is  $\frac{1}{2}$  inch wide,  $\frac{5}{16}$  inch thick, and accommodates a 20 inch blade. It is 1½ inches deep from blade to back on the point and 5 inches at the butt.

This blade is  $\frac{3}{4}$  inch wide, finished bright and is made of Atkins High Grade Special Steel. The handle has an extra large grip making it comfortable where a glove is used by the operator. Fastened to frame by two nicked screws.

**No. 10 TAPERED**

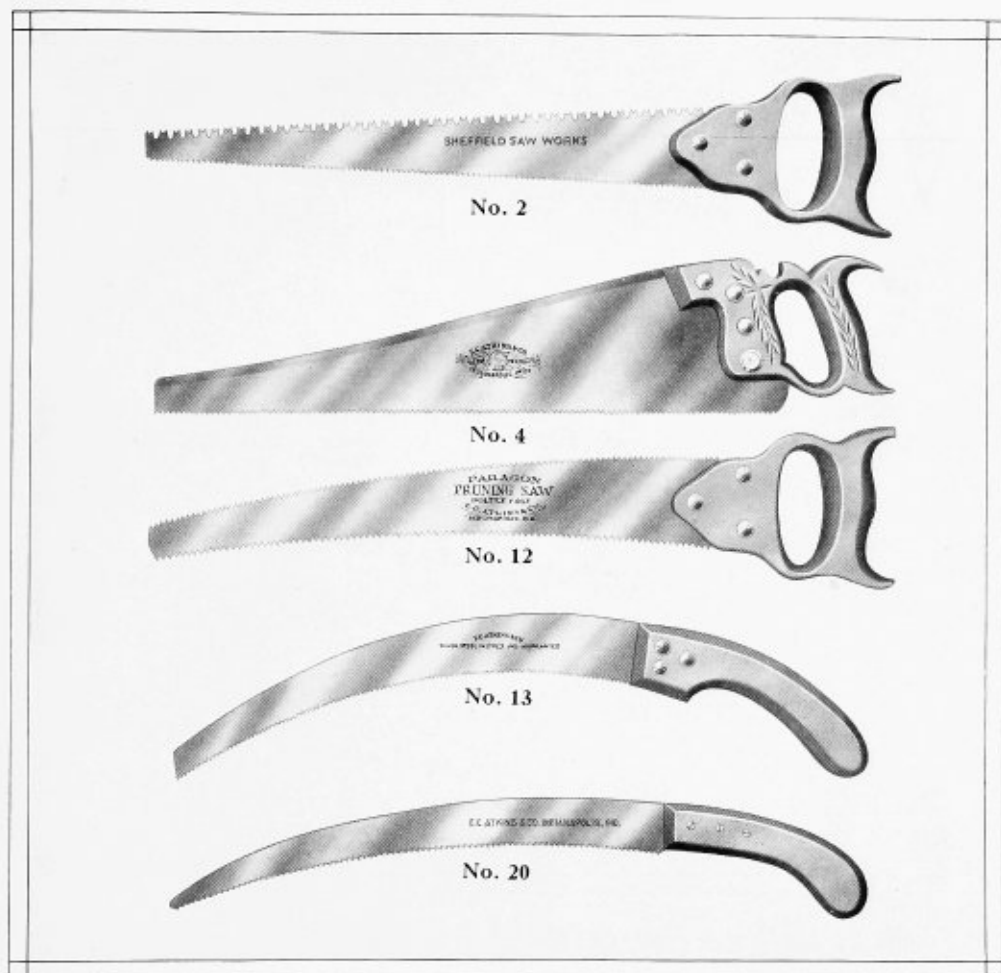
The frame is made of extra high quality spring steel,  $\frac{5}{8}$  inch wide and  $\frac{1}{4}$  inch thick. The blade is of our finest pruning saw steel, blued, 8 points to the inch. The handle is made of beech, thoroughly seasoned, highly finished and polished on the edges, fastened to the frame by two brass screws. Blade adjustable, will cut at any angle.

**No. 11 TAPERED**

Frame is of high grade crucible steel,  $\frac{3}{4}$  inch wide,  $\frac{3}{16}$  inch thick. The blade may be used at any angle. Blued, 8 points to the inch. The handle is of our new Easy Grip Pattern, varnished on the edge, and fastened to the frame by three brass screws.

# ATKINS SILVER STEEL SAWS

## ATKINS PRUNING SAWS—Continued



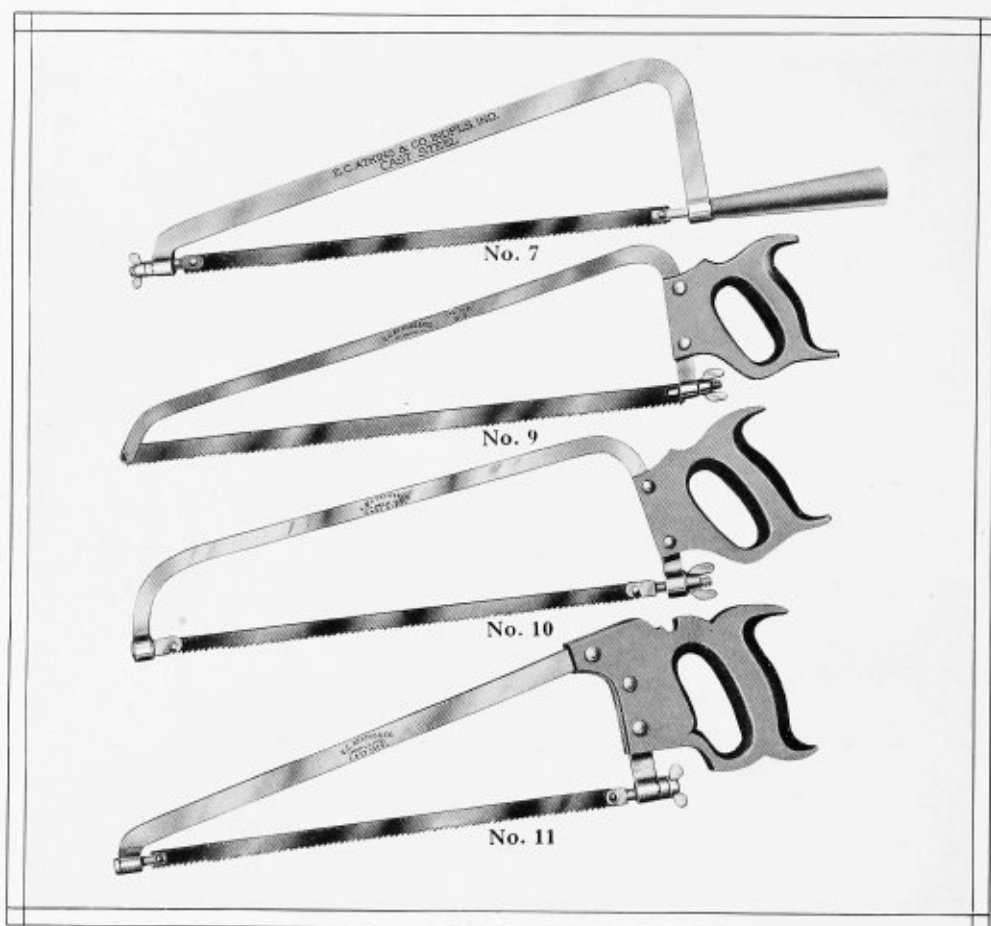
Length .....	inches	12	14	16	18	20	22
Price, No. 2.....	per dozen	\$6.00	\$6.50	\$7.00	\$8.00	\$9.00	\$10.00
Price, No. 4.....	per dozen	.....	.....	.....	.....	12.00	.....
Price, No. 12.....	per dozen	8.50	9.00	9.50	10.50	11.50	12.50
Price, No. 13.....	per dozen	9.00	9.60	.....	.....	.....	.....
Price, No. 20.....	per dozen	8.50	9.10	.....	.....	.....	.....
Weight, No. 2, per dozen .....	pounds	7½	8	9	10	12	12¾
Weight, No. 4, per dozen .....	pounds	.....	.....	.....	.....	15	.....
Weight, No. 12, per dozen .....	pounds	8½	10¼	10½	12	12¼	12½
Weight, No. 13, per dozen .....	pounds	8	8½	.....	.....	.....	.....
Weight, No. 20, per dozen .....	pounds	5	5¾	.....	.....	.....	.....

Nos. 2, 12 and 13 saws packed one-third dozen in box.

Nos. 4 and 20 saws packed one-half dozen in box.

# ATKINS SILVER STEEL SAWS

## ATKINS PRUNING SAWS—Continued



Number	Length of Frame Inches	Length of Blade Inches	Weight per Dozen Pounds	Price Complete per Dozen	Price Extra Blades per Dozen
7	16	14 $\frac{3}{4}$	20	\$20.00	\$2.75
7	18	16 $\frac{3}{4}$	21 $\frac{1}{2}$	21.00	3.25
7	20	18 $\frac{3}{4}$	23 $\frac{1}{4}$	22.00	3.75
7	22	20 $\frac{3}{4}$	25 $\frac{1}{2}$	23.00	4.25
9	20	20	21 $\frac{1}{2}$	16.50	4.25
10	12	10	18 $\frac{3}{4}$	15.50	2.00
10	14	12	19 $\frac{1}{2}$	16.50	2.25
10	16	14	21 $\frac{1}{4}$	17.75	2.75
10	18	16	22 $\frac{1}{2}$	20.00	3.25
10	20	18	24	22.25	3.75
11	16	12 $\frac{3}{4}$	18 $\frac{1}{2}$	19.25	2.25
11	18	14 $\frac{3}{4}$	20	20.25	2.75
11	20	16 $\frac{3}{4}$	21 $\frac{1}{2}$	21.25	3.25
11	22	18 $\frac{3}{4}$	22 $\frac{1}{2}$	22.25	3.75

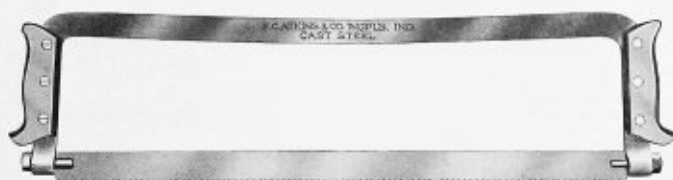
No. 7 saws packed one-sixth dozen in box.

Nos. 9, 10 and 11 saws packed one-third dozen in box.

# ATKINS SILVER STEEL SAWS

## ATKINS BUTCHER SAWS

SILVER STEEL



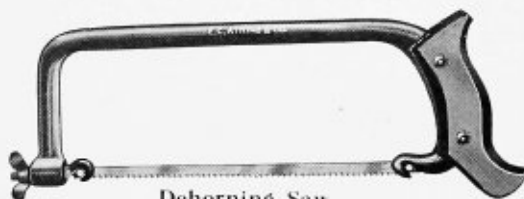
No. 102



No. 103



Porkpackers No. 1



Dehorning Saw

### ATKINS DOUBLE END BEEF SPLITTING SAW, No. 102

Flat steel back, square edge,  $1\frac{1}{4} \times 5\frac{5}{8}$  inches. Heavy Silver Steel Blade, bright,  $1\frac{3}{4}$  inches wide. Three nicked screws in each handle. Packed one in a box.

Length.....	inches	24	26	28	30	32	34	36
Price, complete.....	each	\$4.50	\$4.75	\$5.00	\$5.50	\$6.00	\$6.50	\$7.00
Price, blades only.....	per dozen	8.00	8.25	8.50	8.75	9.00	9.25	9.50
Weight.....	pounds each	6	6 $\frac{1}{2}$	6 $\frac{3}{4}$	7	7 $\frac{1}{4}$	7 $\frac{1}{2}$	8 $\frac{1}{2}$

### ATKINS SINGLE HAND BEEF SPLITTING SAW, No. 103

Flat back,  $1\frac{1}{4} \times 5\frac{5}{8}$  inches, square edge. Round eye, round tension spring, hexagon nut, Silver Steel Blade,  $1\frac{1}{4}$  inches wide. Beech handle. Five nicked screws. Packed one-sixth dozen in a box.

Length.....	inches	24	26	28	30	32	34	36
Price.....	per dozen	\$26.00	\$27.65	\$28.75	\$30.25	\$31.75	\$33.25	\$34.75
Weight.....	pounds each	5 $\frac{1}{4}$	5 $\frac{3}{4}$	6 $\frac{1}{4}$	6 $\frac{3}{4}$	7 $\frac{1}{4}$	7 $\frac{3}{4}$	8 $\frac{1}{4}$

### ATKINS PORKPACKERS SAW, No. 1

Oval steel back,  $5\frac{5}{8} \times 3\frac{3}{8}$  inch. Silver Steel, blued clock spring blade,  $\frac{3}{4}$  inch wide. Beech handles. Three nicked screws. Packed one-third dozen in a box.

Length.....	inches	14	16	18
Price.....	per dozen	\$17.50	\$18.50	\$19.50
Weight, per dozen.....	pounds	18 $\frac{1}{2}$	19	22

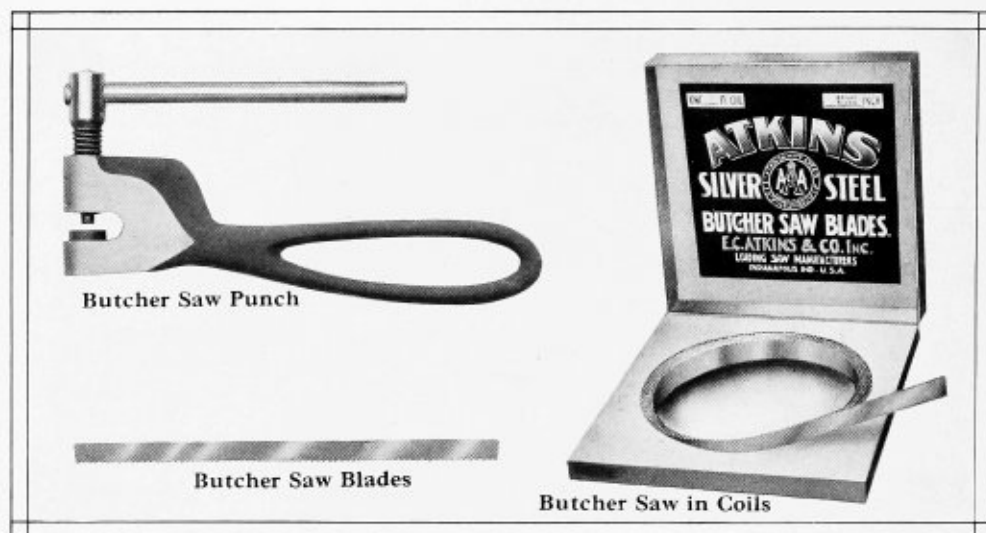
### ATKINS DEHORNING SAW

Japped, malleable iron frame, beech handle, complete. Blades,  $9\frac{1}{2}$  inches long,  $\frac{1}{4}$  inch wide. Packed one-half dozen in a box. Weight, per dozen,  $5\frac{3}{4}$  pounds.

Price, complete, \$8.00 per dozen. Blades only, \$1.50 per dozen.

# ATKINS SILVER STEEL SAWS

## ATKINS BUTCHER SUPPLIES



### ATKINS BUTCHER SAW BLADES IN COILS

Our butcher saw blades in coils are made of Atkins Silver Steel under our exclusive formula. This steel is given an extremely high gas temper so that while it is flexible, it is at the same time sufficiently tough to withstand hard usage.

Atkins Butcher Saw Blades will take an exceedingly keen, sharp cutting edge and will not require frequent re-filing and setting. Blades are machine set and sharpened, and in perfect condition for instant use. Furnished either bright or blued, as specified.

They are packed in an attractive box, handsomely labeled. Shipped in coils of 25 feet, unless otherwise specified.

Width.....inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$
Gauge.....	25	24	24	23	23	23	23	23	22
Number of points.....	14	13	11	11	11	10	10	10	9 or 10
Price.....per foot	\$ .10	\$ .12	\$ .14	\$ .16	\$ .18	\$ .20	\$ .22	\$ .24	\$ .28

### ATKINS BUTCHER SAW BLADES

For convenience, we also furnish butcher saw blades cut into standard lengths. These blades are made of the same high tempered, clock spring Silver Steel as used in the coils and are finished either bright or blued, as desired. They are not punched on the end.

Packed one dozen in a box.

		$\frac{3}{4}$ TO $1\frac{1}{4}$ INCHES WIDE, INCLUSIVE							
Length.....inches	12	14	16	18	20	22	24	26	28
Price.....per dozen	\$4.15	\$4.40	\$4.65	\$4.90	\$5.15	\$5.40	\$5.65	\$5.90	\$6.15

		$1\frac{1}{2}$ TO 2 INCHES WIDE, INCLUSIVE									
Length.....inches	16	18	20	22	24	26	28	30	32	34	36
Price.....per dozen	\$6.00	\$6.25	\$6.50	\$6.75	\$7.00	\$7.25	\$7.50	\$7.75	\$8.00	\$8.25	\$8.50

### ATKINS BUTCHER SAW PUNCH

On account of the variation in butcher saw frames, it is not practical to punch the blades prior to use. We, therefore, offer the Atkins Butcher Saw Punch, illustrated on this page.

The frame is of malleable, nicely finished. The screw and cross bar are of high grade steel. The die and punch are the finest quality of tool steel, highly tempered. Packed one only in a box. Weight six pounds per dozen.

Price.....per dozen \$9.00



# ATKINS SILVER STEEL SAWS

## ATKINS BUTCHER SAWS

### ATKINS No. 1

Frame is of Atkins Special Spring Steel. Finished oval,  $\frac{3}{4} \times \frac{3}{8}$  inch. Blade is of Atkins Silver Steel, finished bright. Handle is Easy Grip Pattern, made of seasoned beech, varnished edge, fastened to frame by three nickeled screws.

### ATKINS No. 2

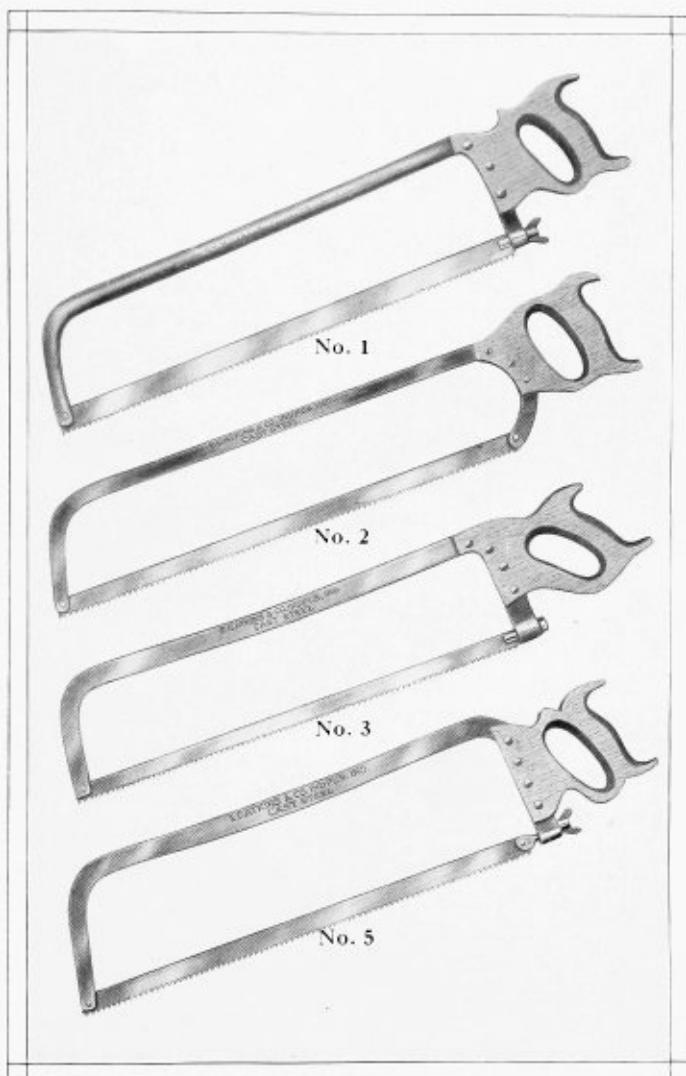
This is a flat frame, made of Atkins Special Spring Steel,  $\frac{3}{4}$  inch wide and  $\frac{1}{4}$  inch thick. Blade of Atkins Silver Steel,  $\frac{3}{4}$  inch wide, finished bright. Beech handle, with varnished edge, fastened to frame by three blued wood screws.

### ATKINS No. 3

Flat back, square edge, 1 inch wide and  $\frac{1}{4}$  inch thick. Blade of Atkins Silver Steel, will hold its sharp cutting edge. Finished bright,  $\frac{3}{4}$  inch wide. Handle of thoroughly seasoned beech, varnished edges, fastened to frame by four nickeled screws. The tension on blade is secured by use of a hexagon nut.

### ATKINS No. 5

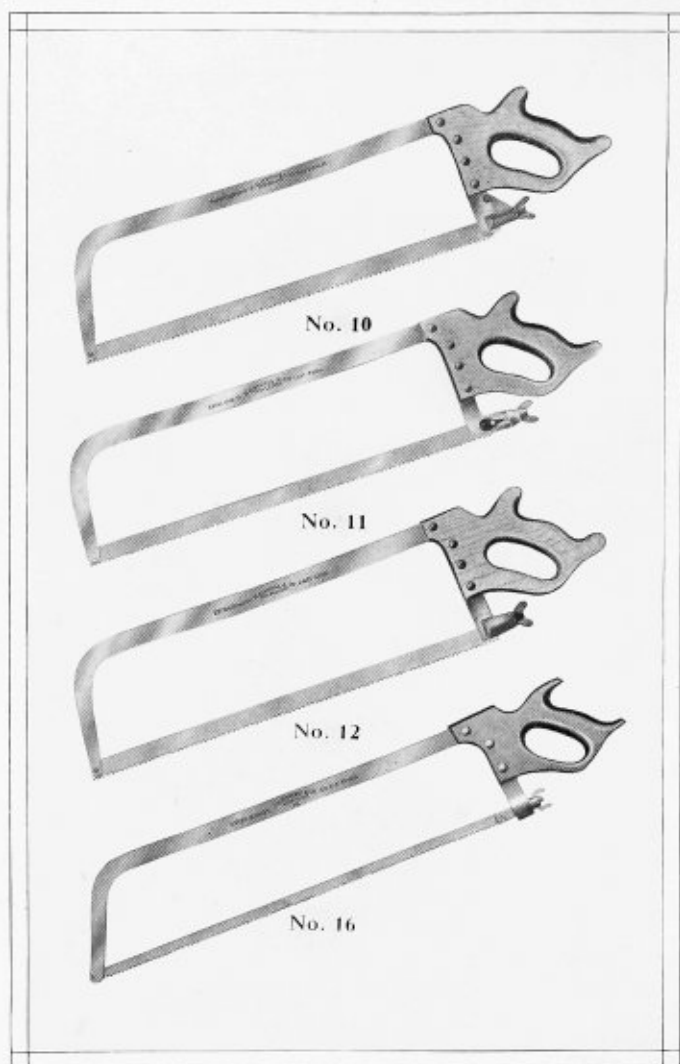
The frame is made of Atkins Special Spring Steel, square edge, 1 inch wide and  $\frac{1}{4}$  inch thick. The blade is of Atkins Silver Steel, blued,  $\frac{3}{4}$  inch wide. Thoroughly seasoned beech handle, Easy Grip Pattern, varnished edges, fastened to frame by four nickeled screws.



Length . . . . . inches	12	14	16	18	20	22	24	26	28
Price, No. 1 . . . . . per dozen	\$16.70	\$17.55	\$18.40	\$19.55	\$20.70	\$21.85	\$23.00	.....	.....
Price, No. 2 . . . . . per dozen	13.00	13.60	14.45	15.30	16.15	17.00	17.85	.....	.....
Price, No. 3 . . . . . per dozen	.....	16.00	17.00	18.15	19.30	20.45	21.60	22.75	23.90
Price, No. 5 . . . . . per dozen	.....	.....	.....	25.00	26.00	27.00	28.00	29.00	.....
Weight, No. 1, per dozen, pounds	23	24	25	26	27	28	29	.....	.....
Weight, No. 2, per dozen, pounds	10 $\frac{1}{2}$	13 $\frac{1}{2}$	16 $\frac{1}{2}$	19 $\frac{1}{2}$	22 $\frac{1}{2}$	25 $\frac{1}{2}$	28 $\frac{1}{2}$	.....	.....
Weight, No. 3, per dozen, pounds	.....	25	27 $\frac{3}{4}$	30 $\frac{1}{2}$	33 $\frac{3}{4}$	36 $\frac{1}{4}$	39	42 $\frac{3}{4}$	45 $\frac{1}{2}$
Weight, No. 5, per dozen, pounds	.....	.....	.....	34	36	38	40	42	.....

The above saws are packed one-third dozen in a box.

**ATKINS BUTCHER SAWS**



**ATKINS No. 10**

Blade attachment patented December 29, 1896. Detachable blade, easily adjusted. Frame of Atkins Special Spring Steel, square edge, 1 inch wide and 1/4 inch thick. Blade is of Atkins Silver Steel, 3/4 inch wide, finished bright. Handle of seasoned beech, finely finished, varnished edge and fastened to frame by four nickeled screws.

**ATKINS No. 11**

Frame of Atkins Special Spring Steel, square edge, 1 inch wide by 1/4 inch thick. Blade of Atkins Silver Steel, 3/4 inch wide, finished bright. Handle is of seasoned beech, finely finished, varnished edge and is fastened to the frame by four nickeled screws.

**ATKINS No. 12**

The frame is of fine spring steel, square edge, 1 inch wide, 1/4 inch thick. Blade is of Atkins Silver Steel, 3/4 inch wide, finished bright. Handle is of beech, sanded sides and varnished edge, and fastened to frame by four nickeled screws.

**ATKINS No. 16**

Blade may be instantly removed by turning thumb screw. The most convenient adjustment on the market. Frame 1 inch by 1/4 inch, made of spring steel. Very rigid. Hardwood handle, not varnished, fastened to frame by three rivets. Nicely finished throughout.

Length . . . . . inches	14	16	18	20	22	24	26	28	30
Price, No. 10 . . . . . per dozen	\$16.00	\$17.00	\$18.15	\$19.30	\$20.45	\$21.60	\$22.75	\$23.90	\$25.05
Price, No. 11 . . . . . per dozen	16.00	17.00	18.15	19.30	20.45	21.60	22.75	23.90	25.05
Price, No. 12 . . . . . per dozen	16.00	17.00	18.15	19.30	20.45	21.60	22.75	23.90	25.05
Price, No. 16 . . . . . per dozen	16.00	17.00	18.15	19.30	20.45	21.60	22.75	23.90	25.05
Weight, No. 10, per dozen . pounds	33 1/2	34 3/4	36	37 1/4	38 1/2	39 3/4	41	42 1/4	43 1/2
Weight, No. 11, per dozen . pounds	33 1/2	34 3/4	36	37 1/4	38 1/2	39 3/4	41	42 1/4	43 1/2
Weight, No. 12, per dozen . pounds	33 1/2	34 3/4	36	37 1/4	38 1/2	39 3/4	41	42 1/4	43 1/2
Weight, No. 16, per dozen . pounds	24 1/4	26	27 3/4	29 1/2	31 1/4	33	34 3/4	36	.....

The above saws are packed one-third dozen in a box.

## ATKINS BUTCHER SAWS

### ATKINS No. 7

The frame is made of Atkins Special Spring Steel, flat back, square edge. It is 1 inch wide and  $\frac{1}{4}$  inch thick. Blade is of Atkins Silver Steel,  $\frac{3}{8}$  inch wide, finished bright. Handle is of thoroughly seasoned beech, varnished edges and fastened to frame by four nickeled screws.

### ATKINS No. 77

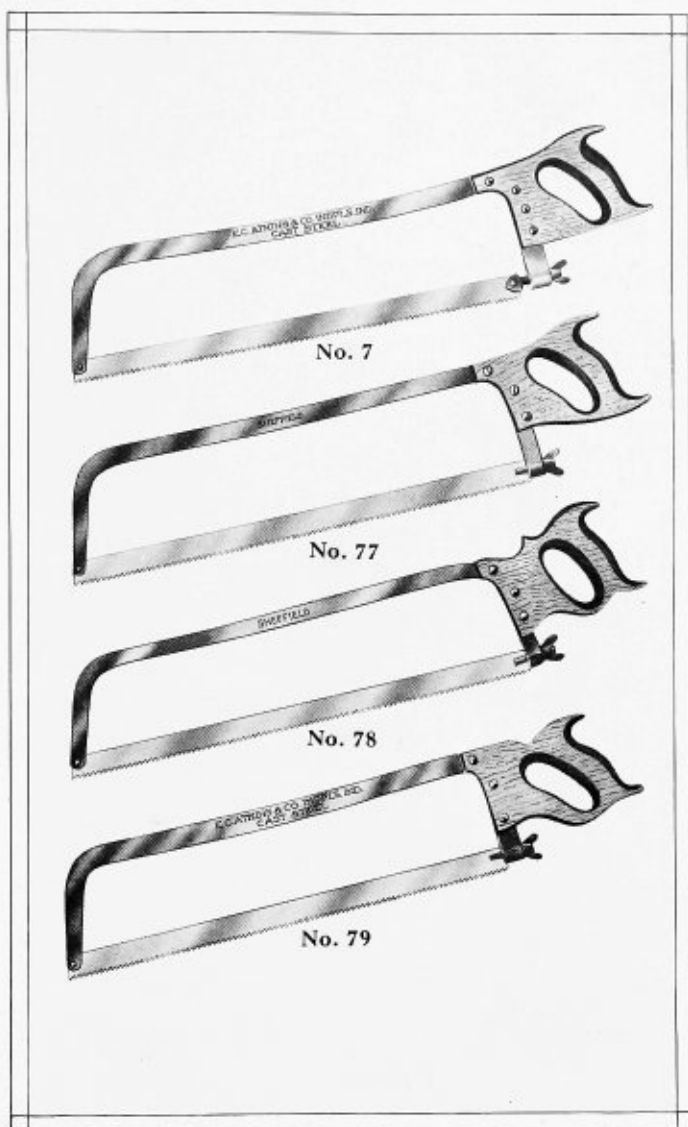
The frame has a flat back, square edge and is made of fine spring steel,  $\frac{3}{4}$  inch wide,  $\frac{1}{4}$  inch thick. The blade is of Atkins Special Steel and finished either bright or blue, as specified,  $\frac{3}{4}$  inch wide. Beech handle with sanded sides and varnished edges. Fastened to the frame by three nickeled screws.

### ATKINS No. 78

The frame is of fine spring steel, has a flat back and square edge, is  $\frac{3}{4}$  inch wide and  $\frac{1}{4}$  inch thick. The blade is of Atkins Special Clock Spring Steel and blued finish,  $\frac{3}{4}$  inch wide. The handle is of thoroughly seasoned beech, Easy Grip Pattern, varnished edges and fastened to the frame by three nickeled screws.

### ATKINS No. 79

The frame is of fine quality spring steel, flat and square edges. It is 1 inch wide and  $\frac{1}{4}$  inch thick. The blade is of Atkins Silver Steel,  $\frac{3}{4}$  inch wide and finished bright. Handle is of beech, finely finished, comfortable, varnished edges and fastened to frame by three nickeled screws.

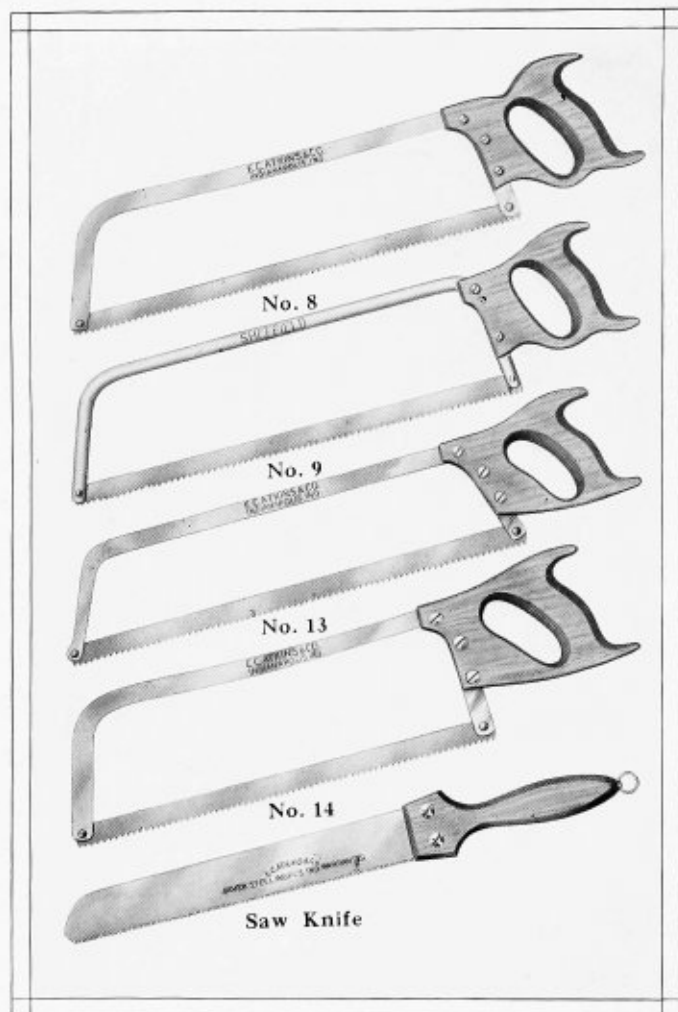


Length . . . . . inches	14	16	18	20	22	24	26	28	30
Price, No. 7 . . . . . per dozen	\$16.00	\$17.00	\$18.15	\$19.30	\$20.45	\$21.60	\$22.75	\$23.90	.....
Price, No. 77 . . . . . per dozen	16.00	17.00	18.15	19.30	20.45	21.60	22.75	23.90	25.05
Price, No. 78 . . . . . per dozen	17.00	18.00	19.15	20.30	21.45	22.60	23.75	24.90	26.05
Price, No. 79 . . . . . per dozen	16.00	17.00	18.15	19.30	20.45	21.60	22.75	23.90	25.05
Weight, No. 7, per dozen . pounds	24 $\frac{1}{4}$	26	27 $\frac{3}{4}$	29 $\frac{1}{2}$	31 $\frac{1}{4}$	33	34 $\frac{3}{4}$	36	.....
Weight, No. 77, per dozen . pounds	20 $\frac{1}{4}$	22 $\frac{1}{2}$	24 $\frac{3}{4}$	27	29 $\frac{1}{4}$	31 $\frac{1}{2}$	33 $\frac{3}{4}$	36	38 $\frac{1}{4}$
Weight, No. 78, per dozen . pounds	16	20 $\frac{1}{4}$	21 $\frac{1}{2}$	25 $\frac{3}{4}$	30	34 $\frac{1}{4}$	38 $\frac{1}{2}$	42 $\frac{3}{4}$	47
Weight, No. 79, per dozen . pounds	26 $\frac{3}{4}$	29 $\frac{1}{4}$	31 $\frac{3}{4}$	34 $\frac{1}{4}$	36 $\frac{3}{4}$	39 $\frac{1}{2}$	43	45 $\frac{1}{2}$	48

The above saws are packed one-third dozen in a box.

# ATKINS SILVER STEEL SAWS

## ATKINS KITCHEN SAWS



### No. 8 FLAT STEEL BACK

Flat back,  $\frac{5}{8} \times \frac{3}{16}$  inch. Special steel blade, bright,  $\frac{5}{8}$  inch wide. Beech handle, three blued wood screws.

### No. 9 OVAL STEEL BACK

#### SHEFFIELD SAW WORKS

Oval back,  $\frac{1}{2} \times \frac{1}{4}$  inch. Special steel blade, bright,  $\frac{5}{8}$  inch wide. Beech handle, two blued wood screws.

### No. 13 FLAT STEEL BACK

#### EXTRA HIGH GRADE

Flat back,  $\frac{5}{8} \times \frac{3}{16}$  inch. Silver steel blade, bright,  $\frac{3}{4}$  inch wide. Beech handle, three nicked wood screws.

### No. 14 FLAT STEEL BACK

#### EXTRA HIGH GRADE

Flat back,  $\frac{3}{4} \times \frac{1}{4}$  inch. Silver steel blade, bright,  $\frac{3}{4}$  inch wide. Beech handle, three nicked wood screws.

Length .....	inches	12	14	16	18
Price, No. 8.....	per dozen	\$5.00	\$5.00	\$5.00	.....
Price, No. 9.....	per dozen	4.50	4.50	4.50	.....
Price, No. 13.....	per dozen	8.50	8.50	8.50	8.50
Price, No. 14.....	per dozen	12.00	12.00	12.00	12.00
Weight, No. 8, per dozen .....	pounds	11 $\frac{5}{8}$	12 $\frac{1}{4}$	13 $\frac{1}{2}$	.....
Weight, No. 9, per dozen .....	pounds	10	11	12	.....
Weight, No. 13, per dozen .....	pounds	12	13 $\frac{5}{8}$	15	16
Weight, No. 14, per dozen .....	pounds	17 $\frac{1}{2}$	19	20 $\frac{1}{2}$	21 $\frac{3}{4}$

Above packed one-half dozen in a box.

### KITCHEN SAW BLADES

Length.....	inches	$\frac{5}{8}$ INCH WIDE								
		12	14	16	18	20	22	24	26	28
Price .....	per dozen	\$ .80	\$ .90	\$1.00	\$1.15	\$1.30	\$1.50	\$1.75	\$2.00	\$2.25

Above blades are set and sharpened, but not filed. They are ready for use.

### SAW KNIFE

Price .....	per dozen	\$6.00
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Saw knives are packed one dozen in a box.

ATKINS HACK SAW FRAMES

ATKINS, "HOOSIER"  
EXTENSION, No. 1

Made of high grade steel; heavily nickeled, highly polished. Takes in blade from 8 inches to 12 inches, inclusive. Blade can be faced four different ways. Fine enameled handle. Packed one in a box without blade unless otherwise specified.

Price.....per dozen \$12.60

ATKINS, "INDIANA" SOLID  
STEEL, No. 2

Steel back, all nickeled and polished. Blade can be faced four different ways. Enameled handle, fine finish. Packed one in a box without blade unless otherwise specified.

Size...inches 8 9 10 12 14  
Price.per doz \$9.00 9.60 10.80 13.50 15.00

ATKINS, 8 INCH IRON FRAME,  
No. 3

These frames are iron, black japanned, and have black wood handles. They are light, graceful in appearance, but strong and rigid. The blade is held by stationary pins, which cannot be lost, and the blade can be faced four different ways. Packed one-half dozen in a box without blade.

Length.....inches 8 9 10  
Price.....per dozen \$3.75 4.80 5.40

ATKINS, No. 4, GRIP HANDLE

A handle of this character gives the user not only greater ease of operation, but a much better control of the saw.

The frame is 4½ inches high, is adjustable so that blades from 8 to 12 inches long may be used, and made of extra high grade steel. It is ¾ inch wide and ⅜ inch thick which makes it very strong and stiff, but light. Even when extended to full length the frame is stiff and rigid, because the adjusting features are sufficiently large and strong to make it so.

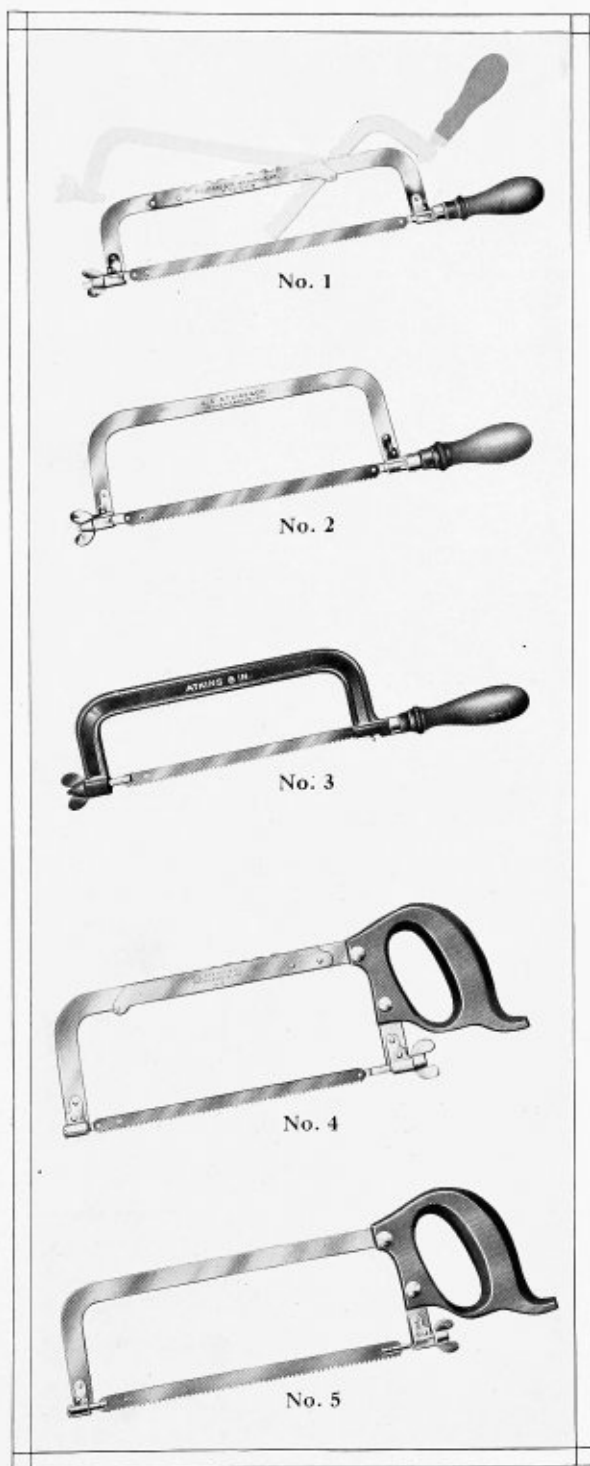
It is heavily nickel-plated, polished and buffed, so that it will not easily rust. The blade may be turned to cut at four different angles. Packed one in a box with blade unless otherwise specified.

Price.....per dozen \$22.00

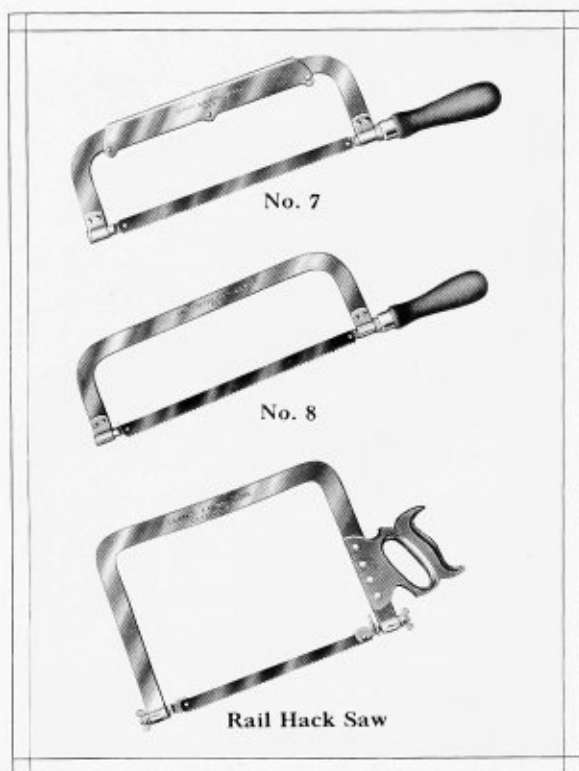
ATKINS, No. 5

Equipped with the same style handle as No. 4 and has all its advantages, excepting that the frame is not extendable. It is of extra fine steel, heavily nickeled and polished. Blade can be faced four different ways when desired. Accommodates an 8 inch blade. Larger sizes to order. Packed one in a box with blade unless otherwise specified.

Price.....per dozen \$17.25



**ATKINS HACK SAW FRAMES**



**ATKINS No. 7**

This is an extension frame, strong and rigid. Peg on the under side of the frame fits into a series of holes on the upper or outer side. It may thus be extended to accommodate from an 8 to a 12 inch blade, inclusive. Tension secured by simply turning handle. Adjusting collar enables the blade to be operated from four different angles. Nickel-plated, finely buffed and polished. Depth of frame, three inches. Width,  $\frac{9}{16}$  inch, thickness,  $\frac{3}{16}$  inch.

Handle of selected hardwood, finely finished, mahogany colored. Packed one in a box. Weight, per dozen, 16 pounds.

Price.....per dozen \$18.00

**ATKINS No. 8**

Somewhat similar to No. 7, excepting that it does not have the extension feature. Made in four lengths, to accommodate 8, 9, 10 and 12 inch blades. Made of special spring steel. Very stiff and rigid.  $\frac{9}{16}$  inch wide x  $\frac{3}{16}$  inch thick, rounded edge. Depth of frame, three inches. May be operated at four different angles.

Handle of finely finished hardwood, Easy Grip Pattern, packed one in a box. Weight, per dozen, 9 pounds.

Length...inches 8 9 10 12  
Price...per dozen \$10.50 11.00 11.50 12.50

**ATKINS RAIL HACK SAWS**

This frame is used for heavy cutting such as rails, I beams, girders, etc. It is made in seven different sizes to accommodate all classes of work. Nos. 4, 5 and 6 are equipped with handles on both ends. A double turnbuckle secures a heavy tension on the blade. The frame is made of special spring steel,  $1\frac{1}{4}$  inches wide and  $\frac{1}{4}$  inch thick.

The handles are of seasoned hardwood, polished on the edges and fastened to the frame by four brass screws. Packed one in a box.

No.	Under Back Inches	Length Blade Inches	Weight Each Pounds	Price Without Blades per Doz.
1	7	9	$3\frac{5}{8}$	\$15.00
$1\frac{1}{2}$	7	12	4	16.00
2	10	12	$5\frac{3}{8}$	18.00
3	10	14	$5\frac{3}{4}$	19.00
4	10	17	$6\frac{1}{2}$	23.00
5	10	18	$6\frac{5}{8}$	28.00
6	10	20	7	33.00

**BLADES FOR ABOVE**

We recommend the use of Atkins No. 400 AAA Hack Saw Blades in connection with the above frames. These blades are listed on page 172.

# ATKINS SILVER STEEL SAWS

## ATKINS METAL CUTTING HAND SAWS

### No. 21

This blade is made of Silver Steel and will cut all classes of ordinary metal with ease.

The blade is straight breast and back. In 18 inch size it is 1½ inches wide at the point and 4½ inches wide at the butt. It is 18 gauge on the toothed edge, 20 gauge on the back and gradually tapers to 23 gauge on the point.

The teeth are specially milled, straight across, but are tempered for slow filing.

The handle is made of thoroughly seasoned apple, Easy Grip Pattern, polished, fastened to the blade by medallion and two brass screws. Packed one-third of a dozen in a box.

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

Eighteen inch will be shipped unless otherwise specified.

### No. 22

This saw is same general specifications as No. 21, excepting that it is supplied with an adjustable handle. This handle is made of applewood, carved and polished and is fastened to the blade by nickel-plated lever and bolt and a nickel-plated screw.

By the use of the turn screw attachment, the handle may be moved up and down to cut at various angles as shown in the illustration. Packed one-third of a dozen in a box.

Size .....inches 18 20 22 24 26  
Price...per dozen \$22.50 24.75 27.25 29.75 32.00

Eighteen inch will be shipped unless otherwise specified.

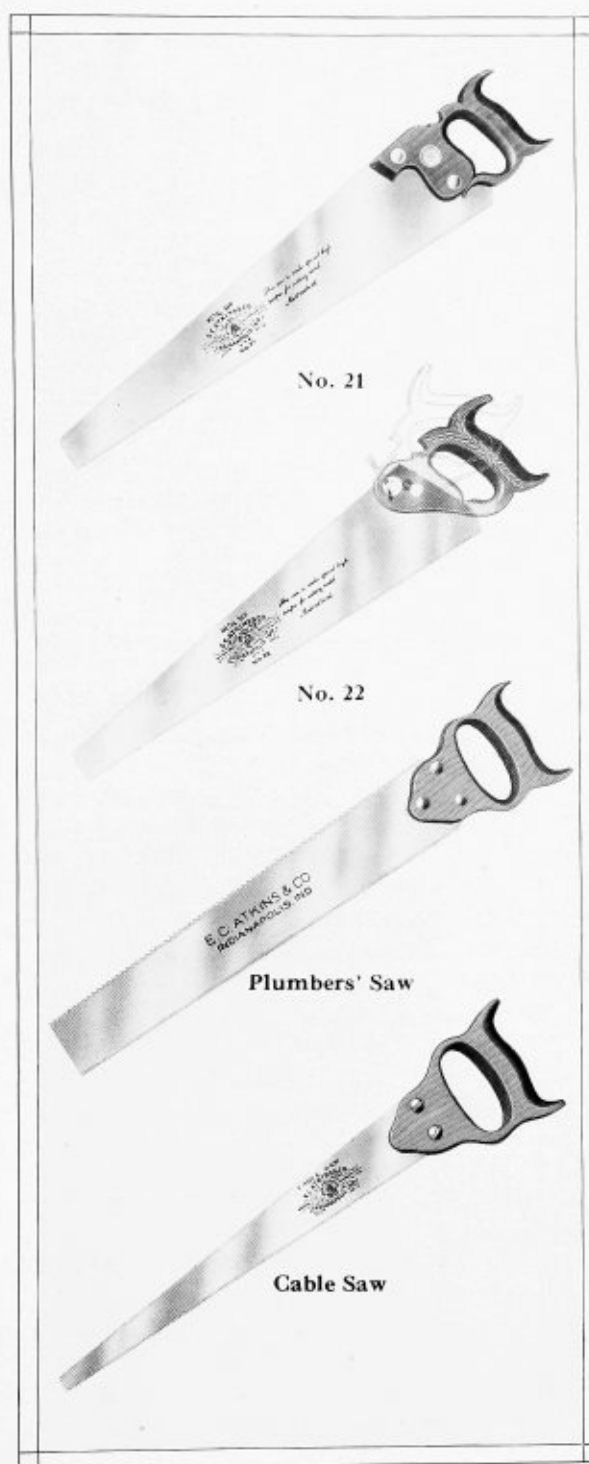
### ATKINS PLUMBERS' SAWS

Size .....inches 12 14 16 18  
Price.....per dozen \$9.00 9.60 10.20 11.00

### ATKINS CABLE SAWS

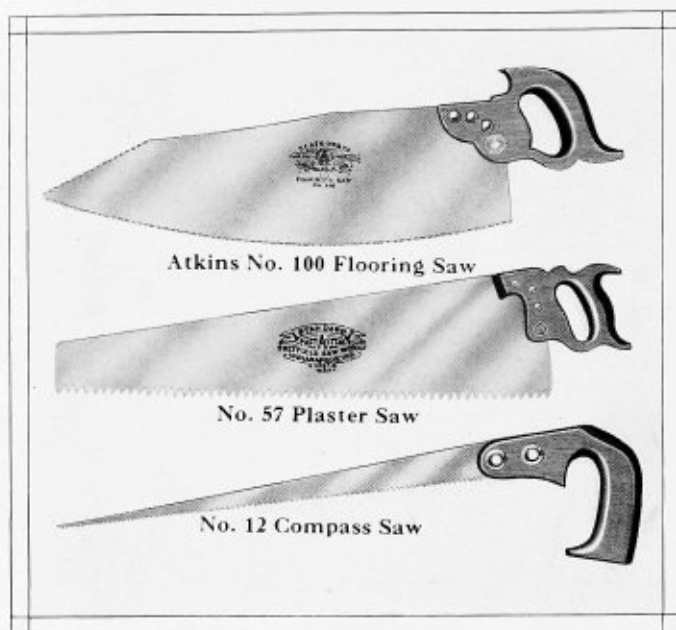
Blade 16 inches long, 11 points to the inch on one side and 14 points to the inch on the opposite side. Teeth on 11 point side set only. Atkins High Grade Special Steel. Beech handle.

Price.....per dozen \$8.50



# ATKINS SILVER STEEL SAWS

## ATKINS SPECIAL SAWS



### ATKINS No. 100 FLOORING SAW

This saw is designed for sawing into flat surfaces, such as floors, without the necessity of boring or using a keyhole saw or chisel.

It is made of Silver Steel and tempered very hard and tough and will withstand severe usage. It is straight ground, to retain proper stiffness, same gauge on tooth edge and back. The teeth are bevel filed. Blade is  $4\frac{1}{8}$  inches wide at the butt,  $4\frac{5}{8}$  inches at the breast. Finely polished and finished.

The handle is thoroughly seasoned, air-dried applewood, varnished all over, and fastened to the blade by three brass screws and a medallion.

Made in ten point, unless otherwise specified. Packed one-third dozen in a handsome shelf box, attractively labeled.

Price, 18 inch, per dozen, \$23.00. Larger sizes, prices on application.

### ATKINS PLASTER SAW, No. 57

For cutting all types of hard wall plaster such as monolite, etc. The blade is of good quality steel tempered hard. 28 inches long, 3 points to one inch. Ground same gauge on toothed edge and back. Filed straight and set. Packed one-half dozen in a box.

Price.....per dozen \$10.50

### ATKINS COMBINED NAIL AND COMPASS SAW, No. 12

16-inch blade made to fit No. 11 adjustable handle. Teeth on point milled straight across for metal cutting. Balance of blade regular compass teeth, filed and set, tempered specially hard. Packed one-half dozen in a box.

Price, complete with handle.....per dozen \$8.00

Price, blades only.....per dozen 6.00

Weight, per dozen, 6 pounds.



# ATKINS SILVER STEEL SAWS

## ATKINS "AAA" HACK SAW BLADES

### HAND BLADES



Atkins AAA Hack Saw Blades are made from a special formula, possessing just those qualities which have been so long desired for this class of work.

We have perfected a process of tempering wherein we are able to secure extreme hardness and at the same time to eliminate any variation in the consistency of the blades. This makes them less liable to break in case of an awkward thrust, and at the same time insuring the edge holding qualities most desired.

The teeth are sharp and given just enough set to insure a free, smooth and rapid cut, removing no more stock than is necessary.

While Atkins AAA Hack Saw Blades possess to the highest degree those lasting qualities that you have been looking for, we wish to give some suggestions in regard to their use.

Too much weight applied to a blade dulls it unnecessarily, and it is desirable not to force a hack saw blade beyond its capacity. Remember that a sharp blade will cut faster than a dull one, and that it is the blade travel that counts rather than the pressure that is placed on the blade.

Should a saw be broken in the cut, it is advisable to turn the stock so as to make an entirely new start as a new blade is apt to stick in the old cut and therefore be more liable to breakage. This does not indicate an imperfection, but the set of the old blade may have worn off so as to cut a narrower kerf than the new blade.

A hand frame should not be run at too high a speed. If they are given a similar stroke to that of a file, they will be found to operate to better advantage.

Fine teeth should be used for cutting brass, copper, piping, and so forth. A coarse tooth operates better on thin sheet metal. See information at bottom of next page.

It is inadvisable to oil hack saw blades for hand use. Special lubricants are prepared for high speed power cutting. See Atkins Kooling Compound.

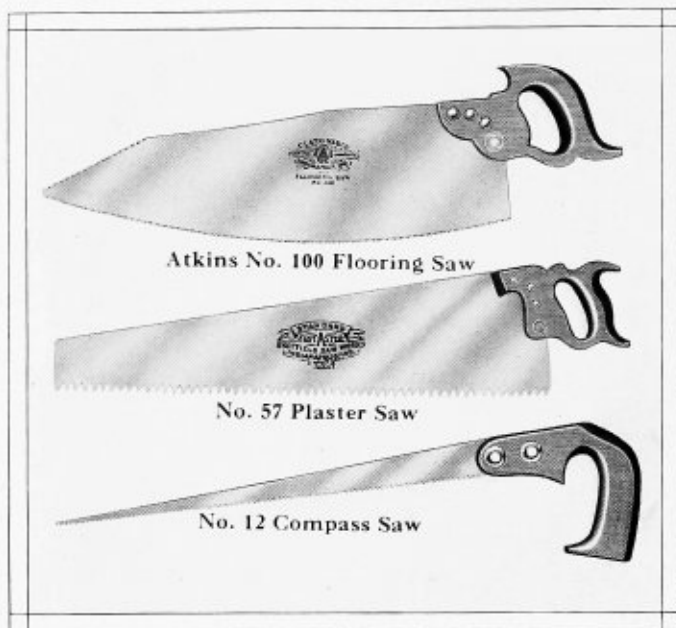
We shall be very glad of an opportunity to submit, free of charge, sample hack saw blades for comparative tests. Do not feel that you are placing yourself under any obligations by asking for this service.

Should you be having difficulty in operating your hack saw blades to the best advantage, and will write us, it is possible that we can make some suggestions. This service is at your disposal.

No.	Length In.	Width In.	Thickness or Gauge	No. Teeth per In.	Weight per Gross Lbs.	Price per Gross	No.	Length In.	Width In.	Thickness or Gauge	No. Teeth per In.	Weight per Gross Lbs.	Price per Gross
200	6	$\frac{7}{16}$	.025 or 23	18	3 $\frac{1}{2}$	\$7.00	210	12	$\frac{1}{2}$	.025 or 23	24	6 $\frac{1}{2}$	\$12.00
200	7	$\frac{7}{16}$	.025 or 23	18	4	7.50	215	6	$\frac{1}{2}$	.025 or 23	32	3 $\frac{1}{2}$	7.00
200	8	$\frac{7}{16}$	.025 or 23	18	4 $\frac{1}{2}$	8.00	215	7	$\frac{1}{2}$	.025 or 23	32	4	7.50
200	9	$\frac{7}{16}$	.025 or 23	18	5 $\frac{1}{4}$	9.00	215	8	$\frac{1}{2}$	.025 or 23	32	4 $\frac{1}{2}$	8.00
200	10	$\frac{7}{16}$	.025 or 23	18	5 $\frac{1}{2}$	10.00	215	9	$\frac{1}{2}$	.025 or 23	32	5 $\frac{1}{4}$	9.00
								10	$\frac{1}{2}$	.025 or 23	32	5 $\frac{1}{2}$	10.00
								11	$\frac{1}{2}$	.025 or 23	32	6	11.00
								12	$\frac{1}{2}$	.025 or 23	32	6 $\frac{1}{2}$	12.00
								8	$\frac{9}{16}$	.028 or 22	14	5	9.00
								9	$\frac{9}{16}$	.028 or 22	14	6	9.60
								10	$\frac{9}{16}$	.028 or 22	14	6 $\frac{1}{2}$	10.20
								11	$\frac{9}{16}$	.028 or 22	14	7	11.40
								12	$\frac{9}{16}$	.028 or 22	14	8	12.60
								13	$\frac{9}{16}$	.028 or 22	14	8 $\frac{1}{2}$	13.80
								14	$\frac{9}{16}$	.028 or 22	14	9	15.00
								16	$\frac{9}{16}$	.028 or 22	14	11	17.40

# ATKINS SILVER STEEL SAWS

## ATKINS SPECIAL SAWS



### ATKINS No. 100 FLOORING SAW

This saw is designed for sawing into flat surfaces, such as floors, without the necessity of boring or using a keyhole saw or chisel.

It is made of Silver Steel and tempered very hard and tough and will withstand severe usage. It is straight ground, to retain proper stiffness, same gauge on tooth edge and back. The teeth are bevel filed. Blade is  $4\frac{1}{8}$  inches wide at the butt,  $4\frac{5}{8}$  inches at the breast. Finely polished and finished.

The handle is thoroughly seasoned, air-dried applewood, varnished all over, and fastened to the blade by three brass screws and a medallion.

Made in ten point, unless otherwise specified. Packed one-third dozen in a handsome shelf box, attractively labeled.

Price, 18 inch, per dozen, \$23.00. Larger sizes, prices on application.

### ATKINS PLASTER SAW, No. 57

For cutting all types of hard wall plaster such as monolite, etc. The blade is of good quality steel tempered hard. 28 inches long, 3 points to one inch. Ground same gauge on toothed edge and back. Filed straight and set. Packed one-half dozen in a box.

Price.....

### ATKINS COMBINED N/

16-inch blade made to fit No. 11 adjustable cutting. Balance of blade regular compass type. Packed one-half dozen in a box.

Price, complete with handle.....

Price, blades only.....

Weight, per dozen, 6 pounds.

### No. 12 COMPASS SAW

The No. 12 Compass Saw is now made with 18 inch blade, toothed on the front edge, same as regular Compass Saw. On the point of the back edge, teeth are milled straight across for six inches and tempered for sawing nails and other metal obstructions.

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# ATKINS SILVER STEEL SAWS

## ATKINS "AAA" HACK SAW BLADES

### HAND BLADES



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We have perfected a process of tempering wherein we are able to secure extreme hardness and at the same time to eliminate any variation in the consistency of the blades. This makes them less liable to break in case of an awkward thrust, and at the same time insuring the edge holding qualities most desired.

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We shall be very glad of an opportunity to submit, free of charge, sample hack saw blades for comparative tests. Do not feel that you are placing yourself under any obligations by asking for this service.

Should you be having difficulty in operating your hack saw blades to the best advantage, and will write us, it is possible that we can make some suggestions. This service is at your disposal.

No.	Length In.	Width In.	Thickness or Gauge	No. Teeth per In.	Weight per Gross Lbs.	Price per Gross	No.	Length In.	Width In.	Thickness or Gauge	No. Teeth per In.	Weight per Gross Lbs.	Price per Gross
200	6	$\frac{1}{8}$	.025 or 23	18	3 $\frac{1}{2}$	\$7.00	210	12	$\frac{1}{8}$	.025 or 23	24	6 $\frac{1}{2}$	\$12.00
200	7	$\frac{1}{8}$	.025 or 23	18	4	7.50	215	6	$\frac{1}{2}$	.025 or 23	32	3 $\frac{1}{2}$	7.00
200	8	$\frac{1}{8}$	.025 or 23	18	4 $\frac{1}{2}$	8.00	215	7	$\frac{1}{2}$	.025 or 23	32	4	7.50
200	9	$\frac{1}{8}$	.025 or 23	18	5 $\frac{1}{4}$	9.00	215	8	$\frac{1}{2}$	.025 or 23	32	4 $\frac{1}{2}$	8.00
200	10	$\frac{1}{8}$	.025 or 23	18	5 $\frac{1}{2}$	10.00	215	9	$\frac{1}{2}$	.025 or 23	32	5 $\frac{1}{4}$	9.00
200	11	$\frac{1}{8}$	.025 or 23	18	6	11.00	215	10	$\frac{1}{2}$	.025 or 23	32	5 $\frac{1}{2}$	10.00
200	12	$\frac{1}{8}$	.025 or 23	18	6 $\frac{1}{2}$	12.00	215	11	$\frac{1}{2}$	.025 or 23	32	6	11.00
205	12	$\frac{9}{16}$	.025 or 23	16	7 $\frac{1}{4}$	12.60	215	12	$\frac{1}{2}$	.025 or 23	32	6 $\frac{1}{2}$	12.00
205	14	$\frac{9}{16}$	.025 or 23	16	8 $\frac{1}{2}$	14.80	220	8	$\frac{9}{16}$	.028 or 22	14	5	9.00
205	16	$\frac{9}{16}$	.025 or 23	16	10	17.00	220	9	$\frac{9}{16}$	.028 or 22	14	6	9.60
210	6	$\frac{1}{2}$	.025 or 23	24	3 $\frac{1}{2}$	7.00	220	10	$\frac{9}{16}$	.028 or 22	14	6 $\frac{1}{2}$	10.20
210	7	$\frac{1}{2}$	.025 or 23	24	4	7.50	220	11	$\frac{9}{16}$	.028 or 22	14	7	11.40
210	8	$\frac{1}{2}$	.025 or 23	24	4 $\frac{1}{2}$	8.00	220	12	$\frac{9}{16}$	.028 or 22	14	8	12.60
210	9	$\frac{1}{2}$	.025 or 23	24	5 $\frac{1}{4}$	9.00	220	13	$\frac{9}{16}$	.028 or 22	14	8 $\frac{1}{2}$	13.80
210	10	$\frac{1}{2}$	.025 or 23	24	5 $\frac{1}{2}$	10.00	220	14	$\frac{9}{16}$	.028 or 22	14	9	15.00
210	11	$\frac{1}{2}$	.025 or 23	24	6	11.00	220	16	$\frac{9}{16}$	.028 or 22	14	11	17.40

Sizes not listed take same list as next size larger.

# ATKINS SILVER STEEL SAWS

## ATKINS "AAA" HACK SAW BLADES

POWER BLADES



### BLADES FOR HEAVY GRAVITY FEED AND POSITIVE FEED

409	12	3/4	.032 or 21	18	12	16.20	420	12	3/4	.048 or 18	12	18 1/2	23.40		
409	14	3/4	.032 "	21	18	14	18.90	420	14	3/4	.048 "	18	21 1/3	27.30	
410	12	3/4	.032 "	21	14	12	16.20	420	17	3/4	.048 "	18	28	33.15	
410	14	3/4	.032 "	21	14	14	18.90	420	18	3/4	.048 "	18	29 1/2	35.10	
410	17	3/4	.032 "	21	14	16 1/2	22.95	422	10	3/4	.048 "	18	16	19.50	
410	18	3/4	.032 "	21	14	17 3/4	24.30	422	12	3/4	.048 "	18	18 1/2	23.40	
410	20	3/4	.032 "	21	14	20 1/4	27.00	422	14	3/4	.048 "	18	21 1/2	27.30	
412	14	1	.032 "	21	10	16	26.00	422	17	3/4	.048 "	18	28	33.15	
412	17	1	.032 "	21	10	24	32.30	425	12	1	.042 "	19	14	23	27.00
415	12	3/4	.042 "	19	14	16 1/4	21.00	425	14	1	.042 "	19	14	25	31.50
415	14	3/4	.042 "	19	14	19 1/4	24.50	425	17	1	.042 "	19	14	27	38.25
418	12	3/4	.042 "	19	12	16 1/4	21.00	428	12	1	.042 "	19	10	23	27.00
418	14	3/4	.042 "	19	12	19 1/4	24.50	428	14	2	.042 "	19	10	25	31.50
418	17	3/4	.042 "	19	12	25	29.75	428	17	1	.042 "	19	10	27	38.25
420	10	3/4	.048 "	18	12	16	19.50	...	...	...	...	...	...	...	

### HEAVY GRAVITY FEED

430	10	1	.048 or 18	12	22	24.50	438	18	1 1/4	.048 or 18	10	34 1/2	56.70		
430	12	1	.048 "	18	12	24 1/2	29.40	439	12	1 1/4	.048 "	18	8	24 1/2	37.80
430	14	1	.048 "	18	12	27	34.30	439	14	1 1/4	.048 "	18	8	27	44.10
430	16	1	.048 "	18	12	30	39.20	439	16	1 1/4	.048 "	18	8	30	50.40
430	17	1	.048 "	18	12	33	41.65	439	17	1 1/4	.048 "	18	8	33	53.55
430	18	1	.048 "	18	12	34 1/2	44.10	439	18	1 1/4	.048 "	18	8	34 1/2	56.70
430	19	1	.048 "	18	12	36	46.55	439	19	1 1/4	.048 "	18	8	36	59.85
430	20	1	.048 "	18	12	38 3/4	49.00	439	20	1 1/4	.048 "	18	8	38 3/4	63.00
430	21	1	.048 "	18	12	40	51.45	439	22	1 1/4	.048 "	18	8	42	69.30
430	22	1	.048 "	18	12	42	53.90	439	24	1 1/4	.048 "	18	8	46	75.60
430	23	1	.048 "	18	12	43	56.35	440	14	1	.065 "	16	10	35 1/2	44.10
430	24	1	.048 "	18	12	46	58.80	440	16	1	.065 "	16	10	39	50.40
435	10	1	.048 "	18	10	22	24.50	440	17	1	.065 "	16	10	43	53.55
435	12	1	.048 "	18	10	24 1/2	29.40	440	18	1	.065 "	16	10	48	56.70
435	14	1	.048 "	18	10	27	34.30	440	19	1	.065 "	16	10	48 1/2	59.85
435	17	1	.048 "	18	10	33	41.65	440	20	1	.065 "	16	10	49 1/2	63.00
435	18	1	.048 "	18	10	34 1/4	44.10	440	21	1	.065 "	16	10	52	66.15
435	19	1	.048 "	18	10	36	46.55	440	22	1	.065 "	16	10	55	69.30
435	20	1	.048 "	18	10	38 3/4	49.00	440	23	1	.065 "	16	10	58	72.45
435	21	1	.048 "	18	10	40	51.45	440	24	1	.065 "	16	10	60	75.60
435	22	1	.048 "	18	10	42	53.90	440	30	1	.065 "	16	10	66	91.50
435	23	1	.048 "	18	10	43	56.35	440	32	1	.065 "	16	10	72	100.80
435	24	1	.048 "	18	10	46	58.80	441	17	7/8	.065 "	16	14	43	53.55
436	12	1	.048 "	18	6	24 1/2	29.40	441	18	7/8	.065 "	16	14	48	56.70
436	14	1	.048 "	18	6	27	34.30	445	17	1	.065 "	16	8	43	53.55
436	16	1	.048 "	18	6	30	39.20	445	18	1	.065 "	16	8	48	56.70
436	17	1	.048 "	18	6	33	41.65	445	19	1	.065 "	16	8	48 1/2	59.85
436	18	1	.048 "	18	6	34 1/2	44.10	445	20	1	.065 "	16	8	49 1/2	63.00
436	19	1	.048 "	18	6	36	46.55	445	21	1	.065 "	16	8	52	66.15
436	20	1	.048 "	18	6	38 3/4	49.00	445	22	1	.065 "	16	8	55	69.30
436	22	1	.048 "	18	6	42	53.90	445	23	1	.065 "	16	8	58	72.45
436	24	1	.048 "	18	6	46	58.80	445	24	1	.065 "	16	8	60	75.60
437	12	1 1/8	.048 "	18	6	24 1/2	33.60	445	30	1	.065 "	16	8	66	91.50
437	14	1 1/8	.048 "	18	6	27	39.20	445	32	1	.065 "	16	8	72	100.80
437	16	1 1/8	.048 "	18	6	30	44.80	450	18	1 1/2	.065 "	16	10	96	90.00
437	17	1 1/8	.048 "	18	6	33	47.60	450	21	1 1/2	.065 "	16	10	112	105.00
437	18	1 1/8	.048 "	18	6	34 1/2	50.40	450	24	1 1/2	.065 "	16	10	128	120.00
437	19	1 1/8	.048 "	18	6	36	53.20	450	27	1 1/2	.065 "	16	10	144	135.00
437	20	1 1/8	.048 "	18	6	38 3/4	56.00	450	30	1 1/2	.065 "	16	10	160	150.00
437	22	1 1/8	.045 "	18	6	42	58.80	450	33	1 1/2	.065 "	16	10	176	165.00
437	24	1 1/8	.048 "	18	6	46	61.60	450	36	1 1/2	.065 "	16	10	190	180.00
438	17	1 1/4	.048 "	18	10	33	53.55	...	...	...	...	...	...	...	

Sizes not listed take same list as next size larger.

# ATKINS SILVER STEEL SAWS

## ATKINS SLATE CUTTING SAWS

### SPECIAL METAL CUTTING BLADES

#### ATKINS SLATE HACK SAW BLADES

Number	Length Inches	Width Inches	Thickness Gauge	Number of Teeth per Inch	Price per Gross
405	8	$\frac{9}{16}$	.028 or 22	14	\$9.00
405	9	$\frac{9}{16}$	.028 or 22	14	9.60
405	10	$\frac{9}{16}$	.028 or 22	14	10.20
405	12	$\frac{9}{16}$	.028 or 22	14	12.60

#### ATKINS CIRCULAR SAWS FOR SLATE

Diameter Inches	Gauge	Price Each	Extra for Each Gauge Heavier	Diameter Inches	Gauge	Price Each	Extra for Each Gauge Heavier
14	10	\$4.25	\$ .14	30	5	\$16.00	\$ .60
16	10	5.25	.17	32	5	17.75	.67
18	9	6.75	.20	34	5	19.50	.80
20	8	7.75	.23	36	4	22.50	.93
22	7	9.50	.30	38	4	25.50	1.17
24	6	11.00	.37	38	$\frac{3}{8}$	30.00	1.33
26	6	12.50	.43	40	4	30.00	1.33
28	5	14.25	.53	..	..	.....	.....

No extra charge for saws one gauge heavier than above list.

#### ATKINS SCREW SLOTTING BLADES

##### FOR HAND HACK SAW FRAMES

Every machine shop has frequent occasion for cutting slots in screw heads, bolts, set screws and parts of machinery. Atkins Screw Slotting Blades are designed to perform this service easily, accurately and quickly. For convenience, we furnish the set in four thicknesses, viz.:  $\frac{3}{4}$  inch,  $\frac{1}{2}$  inch,  $\frac{3}{8}$  inch and  $\frac{1}{8}$  inch. Blades are 8 inches long or for use in 8 inch hand hack saw frame, and are ground thin back.

The blades are made of special alloy steel, similar to that used in Atkins Circular Metal Cutting Saws. This steel is very hard, and the blades being ground thinner on the back and being toothed straight across without set, they are not apt to break easily.

Four blades, 8 inches long,  $\frac{1}{2}$  inch wide,  $\frac{3}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{8}$  and  $\frac{1}{8}$  inch thick to the set.

Price, $\frac{3}{4}$ inch thick . . . . . per gross \$33.00	Price, $\frac{3}{8}$ inch thick . . . . . per gross \$37.00
Price, $\frac{1}{2}$ inch thick . . . . . per gross 35.00	Price, $\frac{1}{8}$ inch thick . . . . . per gross 39.00
Price, of sets of 1 each of the above blades . . . . . per gross sets 144.00	
Price . . . . . per dozen sets 12.00	
Price . . . . . per set 1.00	

#### ATKINS SPECIAL BLADES FOR COPING SAW FRAMES—JEWELERS' SAW

No. 500.  $\frac{1}{4}$  inch wide, .014 inch thick, 32 teeth to the inch.

Size, inches . . . . .	5	6
Per gross . . . . .	\$8.40	\$9.00

The 5 inch blade is made with straight ends only. The 6 inch blade with either holes or loop ends.

No. 510. Special hack saw blade for light work.  $\frac{1}{4}$  inch wide, .025 inch thick, 24 teeth to the inch.

Size, 6 inch only . . . . .	per gross \$9.00
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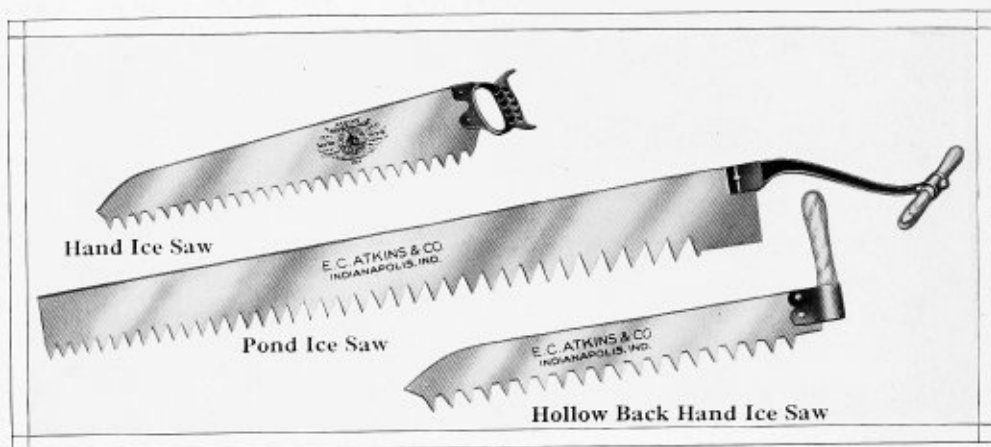
This blade is made with either straight or bent ends. Both Nos. 500 and 510 are tempered hard throughout the entire blade by a new process, and drawn to a stiff spring.

#### ATKINS HACK SAW BLADES FOR SLATE

We have perfected a special hack saw blade for cutting slate. These saws are hardened and toughened by our exclusive process.

# ATKINS SILVER STEEL SAWS

## ATKINS ICE SAWS



The frequent filing and sharpening of ice saws is unnecessary with Atkins Special Steel. The quality is so fine that they take an extremely hard, tough temper and their sharp cutting edges will, therefore, be retained for the longest possible time.

Pond ice saws are made in lengths from 3 to 6 feet and vary in gauge so that they may be operated in all thicknesses of ice. The teeth are sharpened, set and ready for use.

Atkins Tiller Handles are used with the above saws. These are made of fine material and may be securely fastened to the blade, but easily removed. The cross handle is of hardwood, shaped to fit the hands. Finely finished.

Atkins Hand Ice Saws are made in lengths from 24 to 36 inches. The blades are of high grade special steel. The teeth are sharpened and set ready for use. The handle is of malleable iron and is not easily broken. Easy Grip Pattern. Nicely finished with aluminum bronze. Fastened to the blade by two screws.

Atkins Hollow Back Hand Ice Saws are made of high grade crucible steel. The blades are somewhat narrower than the hand saws. Made in lengths from 24 to 36 inches. The teeth are sharpened and set ready for use. The handle is fastened to the blade by a steel tab.

### ATKINS POND ICE SAWS WITHOUT TILLER

STANDARD LENGTH, 5 FEET

WIDTH INCHES		Thickness Gauge	PRICE, EACH						
Butt	Point		LENGTH, FEET						
			3	3½	4	4½	5	5½	6
8	6	10	\$3.00	\$3.50	\$4.00	\$4.50	\$5.00	\$5.50	\$6.00
8	6	11	2.80	3.25	3.80	4.25	4.70	5.15	5.70
7	5	10	2.70	3.15	3.60	4.05	4.50	4.95	5.40
7	5	11	2.55	2.95	3.40	3.85	4.25	4.70	5.10

### ATKINS HOLLOW BACK HAND ICE SAWS

Length..... inches	24	26	28	30	32	34	36
Price..... per dozen	\$14.00	\$15.00	\$16.00	\$17.00	\$18.00	\$19.00	\$20.00

### ATKINS HAND ICE SAWS

WITH IRON HANDLES

Length..... inches	24	26	28	30	32	34	36
Price..... per dozen	\$20.00	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00	\$26.00

Ice saws with beech handles same price as above. Packed one-half dozen in package.

Atkins Hollow Back and Hand Ice Saws are for wagon use, being set and sharpened.

### TILLERS

Price..... each	\$1.10
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# ATKINS SILVER STEEL SAWS

## ATKINS COPING SAWS

### COPING SAW, No. 50

The construction is strong, durable and its action perfect.

The back is  $\frac{3}{8}$  inch wide and  $\frac{3}{16}$  inch thick and made of cold rolled steel, nicked and buffed. Frame,  $7\frac{1}{4}$  inches by  $4\frac{3}{8}$  inches deep.

It is fastened to the handle by a malleable iron threaded ferrule, thus producing the strongest attachment for this purpose now in use.

All parts handsomely nicked and buffed.

The handle is of hardwood, Easy Grip Pattern, carved and varnished.

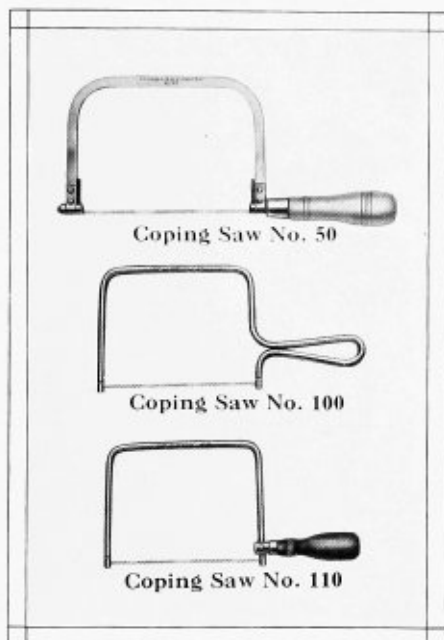
Through the use of cap screws into which wires are inserted, the blade may be instantly adjusted to cut sharp or unusual angles with perfect ease and without strain on the blade.

Price, complete, with blade.....	per dozen	\$10.00
Price, blades only.....	per dozen	.85
Weight, per dozen.....	pounds	7

### COPING SAW, No. 100

All wire, heavily nickel-plated, polished and buffed. Adjustable frame. 6 inch bent end blades. Depth from blade to back 4 inches.

Price, complete with one dozen extra blades.....	per dozen	\$3.25
Price, extra blades.....	per gross	1.66
Weight, per dozen.....	pounds	4 $\frac{3}{4}$
No. 101. Same as No. 100, except 8 inch under back.....	per doz.	3.75
Weight, per dozen.....	pounds	8 $\frac{3}{8}$



### COPING SAW, No. 110

Wire frame, heavily nickel-plated, polished and buffed; adjustable; with black wood handle. 6 inch bent end blades. Depth from blade to back 4 inches.

Price, complete with one dozen extra blades.....	per dozen	\$4.00
Price, extra blades.....	per gross	1.66
Weight, per dozen.....	pounds	4
No. 111. Same as No. 110, except 8 inch under back.....	per dozen	4.50
Weight, per dozen.....	pounds	5 $\frac{3}{8}$

### COPING SAW BLADES

The following list contains description and list prices of regular and special blades used in the "Jones" Patent Coping and Scroll Saw Frames.

#### Coping Saw Blades

6 inch. For Nos. 1, 2 and 3 frames.....	per gross	\$1.66
Put up regularly with the Nos. 1, 2 and 3 frames.		

#### Special Coping or Web Saw Blades

$\frac{1}{8}$  inch wide, 12 points per inch

6 inch. For Nos. 1, 2 and 3 frames.....	per dozen	.90
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This blade is for rapid work, where speed rather than fine, smooth work is desired.

#### Scroll or Fret Saw Blades

5 inch. For Nos. 6 and 7 frames.....	per gross	\$1.40
Put up regularly with the No. 7 frame.		

#### List of Finer Sizes

No. 6.....	per gross	1.00
No. 7.....	per gross	1.10
No. 8.....	per gross	1.20
No. 9.....	per gross	1.30

### JEWELERS' SAW BLADES FOR METAL WORK

5 inch. Square blade, for Nos. 6 and 7 frames.....	per gross	\$1.40
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This blade is put up regularly with the No. 6 frame. Finer sizes furnished if desired at same price.

#### Special Jewelers' Saw Blades

For Metal Work

5 inch. For Nos. 6 and 7 frames.....	per gross	1.90
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This is a very thin, flat blade for fine work on metals. Nos. 4 and 6 (narrower) and Nos. 10 and 11 (wider) at same price.

#### Special Hack Saw Blades

For Metal Work

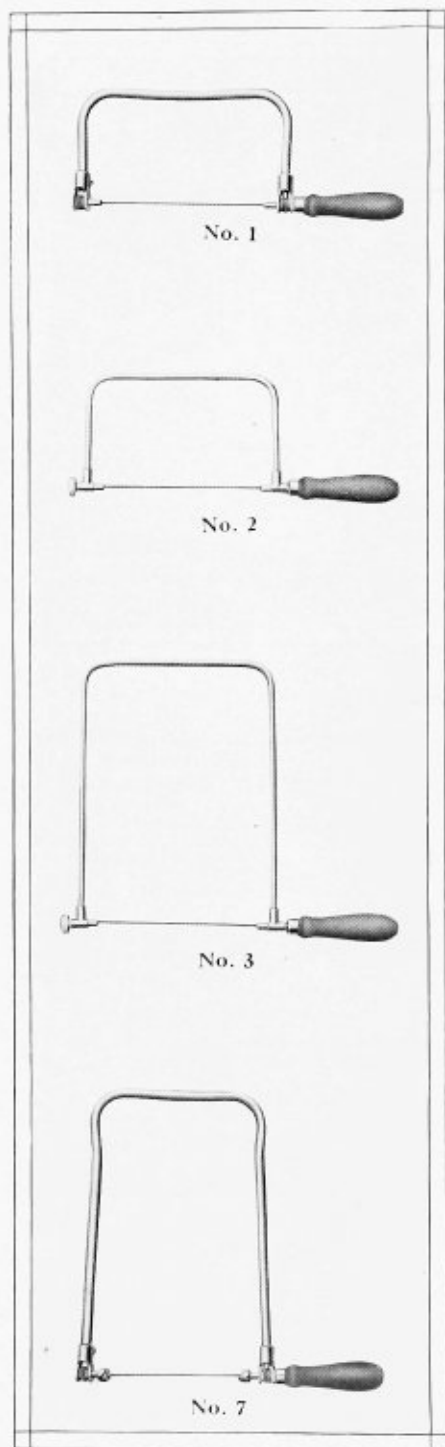
$\frac{1}{4}$  inch wide, .014 inch thick, 30 teeth per inch

6 inch. For Nos. 1, 2 and 3 frames.....	per dozen	\$ .75
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5 inch. For Nos. 6 and 7 frames.....	per dozen	.70
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By using these blades a large variety of metal work can be done with our coping saw frames.

COPING SAWS



**"JONES" CABLE COPING SAW, No. 1**

Patented February 8, 1898

Frame is heavily nickel-plated, polished, buffed and fitted with hardwood handle; furnished complete with one-half dozen blades, packed in cardboard boxes. Frame carries 6 inch blade and is 4 inches deep from blade to back.

Price..... per dozen \$15.00

Weight, per dozen, 5¾ pounds.

Frames Nos. 1 and 7 are constructed with tubular back, through which runs a cable connecting both ends of frame, which causes the blade to turn to any angle by turning the handle only, without removing from the work.

**"JONES" RATCHET COPING SAW, No. 2**

Patented November 5, 1901

Frame is heavily nickel-plated, polished, buffed and fitted with hardwood handle; furnished complete with one-half dozen blades, packed in cardboard boxes. Frame carries a 6 inch blade and is 4 inches deep from blade to back.

Price..... per dozen 9.00

Weight, per dozen, 5⅝ pounds.

Frames Nos. 2 and 3 are constructed with a steel back and ratchet arrangement (see illustration) which enables the workman to set the blade at any angle by the handle and button at the opposite end of saw frame.

**"JONES" RATCHET SCROLL SAW, No. 3**

Patented November 5, 1901

Frame is heavily nickel-plated, polished, buffed and fitted with hardwood handle; furnished complete with one-half dozen blades, packed in cardboard boxes. Frame carries a 6 inch blade and is 10 inches deep from blade to back.

Price..... per dozen 10.00

Weight, per dozen, 8¾ pounds.

**"JONES" CABLE SCROLL SAW, No. 7**

Patented February 8, 1898

Special attention is called to construction of the grips or clamps for holding the saw blades; they are strongly made of steel and hardened; when properly tightened blade cannot slip. Frames are made to take 5 inch saw blade and are 10 inches deep from blade to back.

Frame is heavily nickel-plated, polished, buffed and fitted with hardwood handle; furnished complete with blade and packed in cardboard boxes.

Price..... per dozen 18.00

Weight, per dozen, 9⅝ pounds.

Above are packed one-sixth dozen in a box.

**"JONES" CABLE JEWELER SAW, No. 6**

Patented February 8, 1898

This frame is made to take a 5 inch saw blade, and is 3½ inches deep from blade to back.

Frame is nickel-plated and fitted with hardwood handle; furnished complete with blade and packed in cardboard boxes.

Price..... per dozen 15.00

Weight, per dozen, 6 pounds.



# ATKINS SILVER STEEL SAWS

## ATKINS HAND SAW HANDLES

PRICE DOES NOT INCLUDE SCREWS



		16, 18, 20 in.	22, 24 in.	26 in.	28 in.
Nos. 51, 55, 66, 67, 70, apple	per dozen	\$3.65	\$4.00	\$4.85	\$5.20
No. 64, apple	per dozen	6.40	6.70	7.90	8.25
No. 52, apple	per dozen	4.85	5.20	6.10	6.40
Nos. 53, 61, 65, 68, 69, 73, 93, 96, apple	per dozen	4.85	5.20	6.10	6.40
Nos. 54, 74, beech	per dozen	2.75	2.75	3.05	3.35
Nos. 76, 86, apple	per dozen	3.65	4.00	4.85	5.20
No. 56, cherry	per dozen	3.50	3.75	4.00	4.50
Nos. 57, 60, beech	per dozen	1.50	1.60	1.70	2.00
No. 58, beech, varnished edges	per dozen	....	....	1.50	....
No. 58, beech, unvarnished	per dozen	....	....	1.35	....
Nos. 59, 99, beech	per dozen	1.50	1.60	1.70	2.00
No. 63, beech	per dozen	2.10	2.10	2.45	2.65
No. 62, beech	per dozen	1.50	1.60	1.70	2.00
Nos. 400, 401, rosewood	per dozen	15.50	16.50	18.00	19.50

### MITRE BOX SAW HANDLES

		18-24 in.	26-32 in.
No. 1, apple	per dozen	\$5.00	\$5.50

### BACK SAW HANDLES

		8-12 in.	14-18 in.	20-24 in.
No. 2, apple	per dozen	\$3.25	\$3.50	....
No. 3, beech	per dozen	1.25	1.25	\$1.25

### COMPASS SAW HANDLES

No. 2, apple	per dozen	\$3.25	Interchangeable, beech	per dozen	\$1.75
No. 3, beech	per dozen	1.50	No. 8, beech, varnished edge	per dozen	1.25

### BUTCHER SAW HANDLES

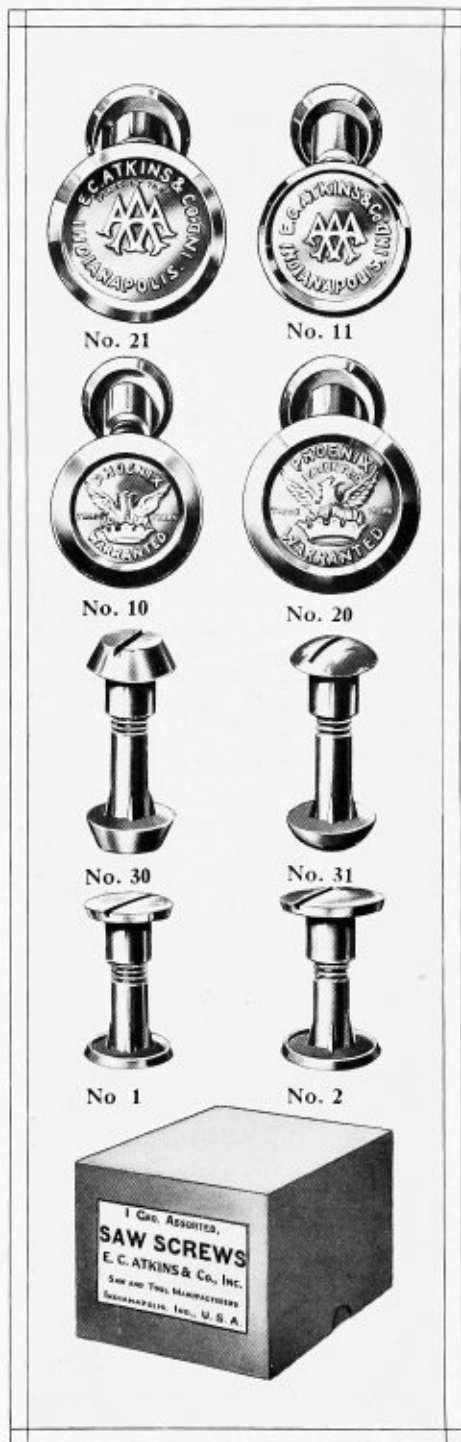
No. 1, beech	per dozen	2.00	No. 7, beech	per dozen	2.25
No. 2, beech	per dozen	1.75	No. 8, kitchen, beech	per dozen	1.75
No. 5, beech	per dozen	2.25			

### PRUNING SAW HANDLES

No. 1, beech	per dozen	1.75	No. 2, beech	per dozen	1.75
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Screws for all handles extra. Saw handles put up one dozen in a box.

ATKINS SAW SCREWS



PRICES

No. 1 oval head, plain brass screw, small . . . . .	per gross	\$3.00
No. 2 oval head, plain brass screw, large . . . . .	per gross	3.50
No. 10 eagle medallion, small . . . . .	per gross	4.50
No. 11 AAA medallion, small . . . . .	per gross	5.00
No. 20 eagle medallion, large . . . . .	per gross	5.50
No. 21 AAA medallion, large . . . . .	per gross	6.00
No. 31 button head, brass screw . . . . .	per gross	3.50
No. 30 raised head, iron screw . . . . .	per gross	3.00

DIAMETERS AND WEIGHTS

No. 1, 1/2 inch diameter, 2 3/4 lb. per gross
No. 2, 3/8 inch diameter, 3 1/4 lb. per gross
No. 10, 3/2 inch diameter, 3 1/2 lb. per gross
No. 20, 1 inch diameter, 5 lb. per gross
No. 30, 1/2 inch diameter, 3 3/4 lb. per gross
No. 31, 1/2 inch diameter, 3 lb. per gross
No. 11, 3/2 inch diameter, 4 lb. per gross
No. 21, 1 inch diameter, 5 lb. per gross

These screws are put up one dozen in small pasteboard boxes and one dozen of these packages are packed in a large carton.

ASSORTMENTS

We also put up two assortments of screws in a most convenient and salable form, as follows:—

Assortment No. 1 consists of a carton containing 36 small boxes, each box containing three only No. 1 and one only No. 10 brass saw screws, and is adapted for the use of carpenters who want screws for panel saws and the cheaper grade of hand saws.

Assortment No. 2 consists of a carton containing 36 small boxes, each containing three only No. 2 and one only No. 20 brass saw screws and is adapted for high grade hand and rip saws.

Assortment No. 3. 3 No. 1, 3 No. 2, and one each 30, 31, 20, 10, 21, 11.

LIST PRICES

No. 1 assortment, each carton containing one gross assorted as above, (36 boxes) . . . . .	\$4.00
No. 2 assortment, each carton containing one gross assorted as above, (36 boxes) . . . . .	4.50
No. 3 assortment, each carton containing 12 boxes, (1 dozen in box) . . . . .	4.00

# ATKINS SILVER STEEL SAWS

## ATKINS FLOOR AND CABINET SCRAPERS

### ATKINS PERFECTION FLOOR AND CABINET SCRAPERS

#### ADJUSTABLE

Price.....per dozen \$10.00  
 Price, extra blades, 3x3 inches  
 Atkins Silver Steel, 16 gauge  
 beveled .....per dozen ~~2.20~~ 1.20  
 Weight, each .....ounces 13¼  
 Packed one-half dozen in box.

### SPECIAL FLOOR SCRAPER BLADES, HIGH TEMPER BEVELED EDGE

Price, 3x3 inches...per dozen 2.20  
 Price, 3x6 inches...per dozen 3.00

### ATKINS RAMSHORN FLOOR AND CABINET SCRAPERS

Price.....per dozen 10.00  
 Price, extra blades, Atkins  
 Silver Steel, 19 gauge, per  
 dozen..... 2.00  
 Price, extra blades, common  
 quality, 19 gauge, per dozen 1.60  
 Weight, each .....ounces 20½

### ATKINS FLOOR AND CABINET SCRAPERS, No. 5

Frame 11 inches long. Solid metal.  
 Japan finish. Blades Silver Steel.  
 2¾x2½x16 gauge. Beveled both  
 ends, interchangeable. Packed one  
 in a box. Weight 20 ounces.  
 Price, complete....per dozen 11.00  
 Price, blades only...per dozen 2.00

### CABINET SCRAPERS

#### No. 1 ATKINS HIGH GRADE SPECIAL STEEL, 6 INCHES LONG, SHEARED EDGES, 20 GAUGE

Width, Inches  
 2 2½ 3 3½ 4 4½ 5  
 Price, per Dozen  
 \$1.00 1.20 1.40 1.60 1.80 2.00 2.20

#### No. 2 COMMON QUALITY, 6 INCHES LONG, SHEARED EDGES, 19 GAUGE

Width, Inches  
 2 2½ 3 3½ 4 4½ 5  
 Price, per Dozen  
 \$ .50 .60 .70 .80 .90 1.00 1.10

Unless otherwise specified common  
 quality scrapers are sent on all  
 orders. Packed one dozen in a box.

#### No. 0 SILVER STEEL, CABINET SCRAPERS, FURNISHED 18, 19 OR 20 GAUGE AS SPECIFIED

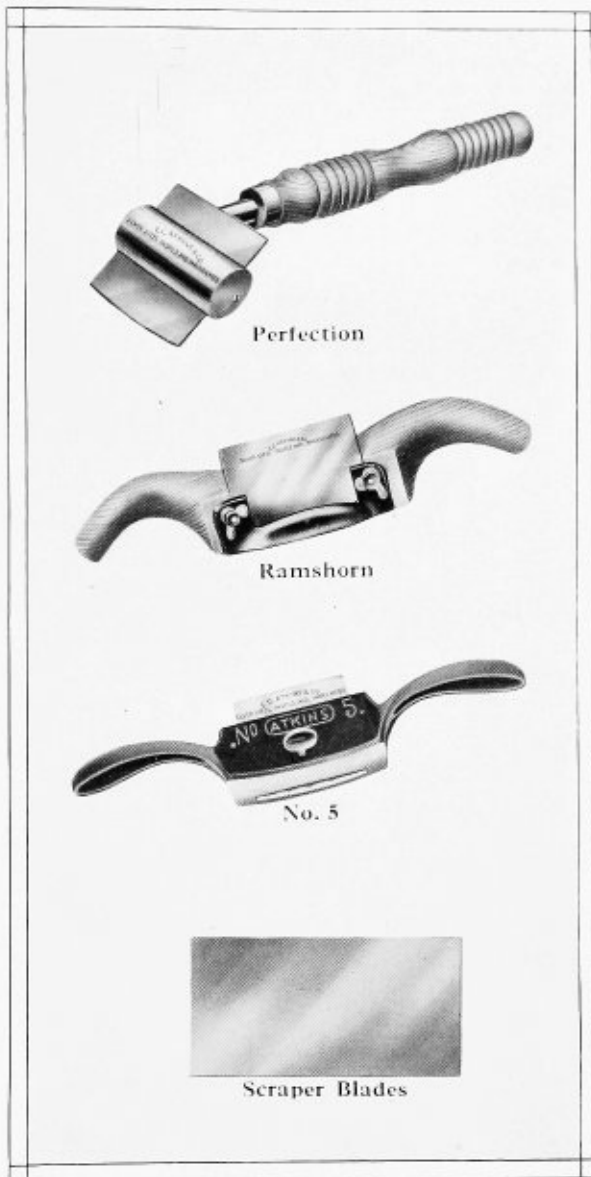
Width .....	2	2½	3	3½	4	4½	5
Price, 4 inches long.....per dozen	\$2.00	\$2.20	\$2.40	\$2.75	\$3.20	.....	.....
Price, 5 inches long.....per dozen	2.25	2.45	2.65	3.05	3.50	4.00	4.50
Price, 6 inches long.....per dozen	2.60	2.80	3.00	3.50	4.00	4.50	5.00

Made with finished edges.

#### CABINET SCRAPERS ASSORTED, ONE DOZEN IN A BOX

The above cabinet scrapers are also furnished in assortments as follows:

Number of pieces.....	1	2	2	1	2	2	2	
Length.....inches	5	5	5	6	6	6	6	
Width .....	2½	3	3½	2½	3	3½	4	
No. 1, Price, for assortment.....per dozen								\$1.50
No. 2, Price, for assortment.....per dozen								.75
No. 0, Price, for assortment.....per dozen								3.50



ATKINS SCRAPERS

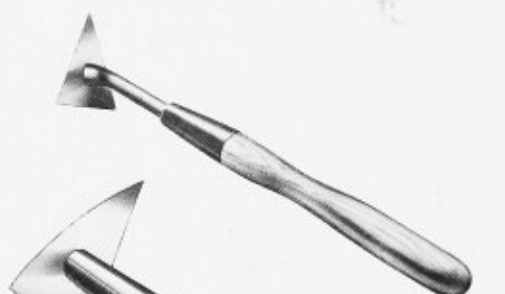
No. 1 BENCH SCRAPER

14 inches over all. Socket  $6\frac{1}{2}$  inches long, threaded for  $\frac{3}{8}$  inch square nut. Handle finely finished beech, shaped,  $1\frac{1}{2}$  inches in diameter,  $7\frac{1}{2}$  inches long. Flat blade, of 14 gauge tempered steel, beveled on three edges.  $3\frac{3}{4}$  inches from point to point. Packed one-half dozen in box.

Price.....per dozen \$5.00

Price, extra blades.....per dozen 2.00

Weight, 1 pound.



No. 1 Bench Scraper

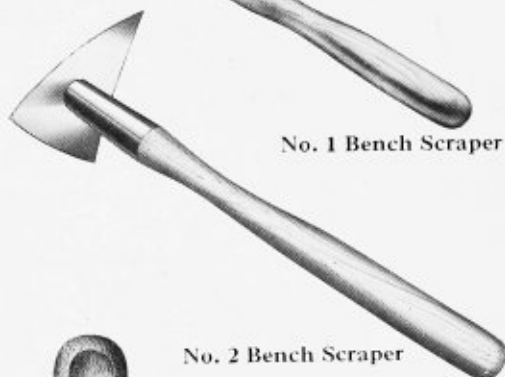
No. 2 BENCH SCRAPER

$16\frac{1}{2}$  inches over all. Socket  $3\frac{3}{4}$  inches long. Threaded for  $\frac{3}{8}$  inch square nut. Finely finished, shaped beech handle,  $1\frac{1}{2}$  inches diameter,  $12\frac{1}{2}$  inches long. Blade concave, 14 gauge tempered steel. Beveled on three edges. 5 inches from point to point. Packed one-half dozen in box.

Price.....per dozen 5.00

Price, extra blades.....per dozen 2.50

Weight, 19 ounces.



No. 2 Bench Scraper

BELT SCRAPER

Made of Atkins Silver Steel. Handle of finely finished, carefully selected, seasoned hardwood. Blade 3 inches long by 4 inches wide, 16 gauge. Cutting edge convex. Beveled on one edge. Polished. Packed one-half dozen in a box.

Price.....per dozen 4.00

Extra for turning edges, per dozen 1.00

Weight,  $6\frac{3}{4}$  pounds per dozen.

For special shaped handles, prices on application.



Wall Scraper



Belt Scraper

WALL SCRAPER

$8\frac{3}{4}$  inches over all. Blade 5 inches by 4 inches, 5 inches by  $3\frac{1}{2}$  inches. Fastened to handle by two wood screws. Handle of finely finished hardwood. Easy Grip Pattern. Packed one-half dozen in box.

Price,  $3\frac{1}{2}$  inch.....per dozen 2.75

Price, 4 inch.....per dozen 3.00

Price,  $3\frac{1}{2}$  inch, blades

only.....per dozen 1.10

Price, 4 inch, blades only, per dozen 1.35

Weight,  $3\frac{1}{2}$  inch,  $4\frac{1}{2}$  pounds per dozen.

Weight, 4 inch, 5 pounds per dozen.



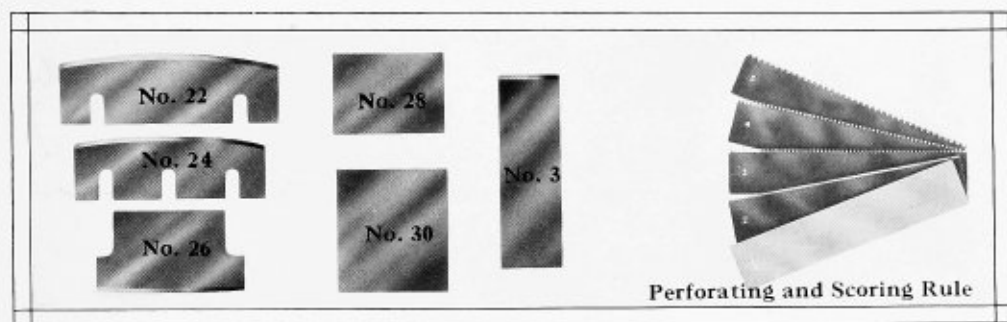
Flour Tester

FLOUR TESTER

A finely finished practical tool for testing the quality of flour. Made of fine steel. Supplied either highly polished or nickel-plated. Made according to any specifications.

Prices quoted on application.

## ATKINS SPECIALTIES



### ATKINS PERFORATING AND SCORING RULES

We make steel and brass cutting, perforating and scoring rules for printers. Manufactured carefully, of the best material. The following are the standard specifications.

Prices quoted on application.

	Thickness, Inch	Height, Inch
Regular steel cutting.....2 Pt.	.028	.921
Tempered steel cutting.....2 Pt.	.028	.921
Regular steel cutting.....3 Pt.	.042	.921
Tempered steel cutting.....3 Pt.	.042	.921
Regular steel cutting.....4 Pt.	.056	.921
Tempered steel cutting.....4 Pt.	.056	.921
Regular steel scoring.....2 Pt.	.028	.906
Regular brass scoring.....2 Pt.	.028	.906
Regular steel scoring.....3 Pt.	.042	.906
Regular steel scoring.....4 Pt.	.056	.906
Regular brass scoring.....4 Pt.	.056	.906
Regular or tempered steel perforating.....2 to 4 Pt.	.028 to .056	.921

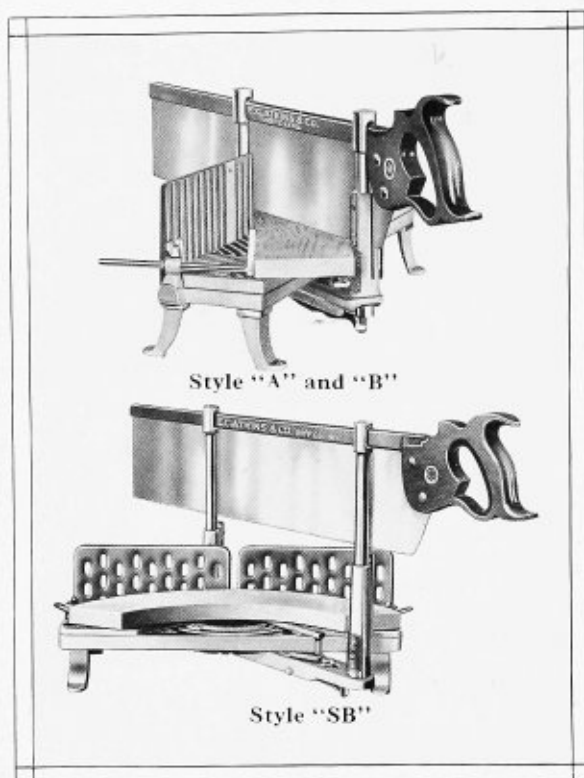
### ATKINS SPECIAL SCRAPER BLADES

We manufacture blades for all types of hand and power floor scraping machines. These are made of the finest steel, accurately ground.

Prices quoted on application.

# ATKINS SILVER STEEL SAWS

## MARSH AYER MITRE BOXES



### CAST IRON STYLES A, B AND C

These boxes are heavy and strong, being intended principally for shop use.

The bed and back are cast in one piece, affording a true and rigid base for work. Ribs are raised  $\frac{1}{8}$  inch on plates to give a sawdust clearance under work and prevent it from slipping.

The length gauges have a capacity up to 18 inches and the stock gauges on the back are swiveled, and swing behind box when not in use.

The degree scale is milled directly onto the frame and is clear and easily read.

The saw guides have detent pins to hold saw elevated while work is being adjusted.

The lock for fastening lever at any point is operated by the finger latch.

The cast iron parts are finished in dull nickel and the steel parts brightly polished.

Size	Saw	Capacity at Right Angles Inches	Capacity at Miter Inches	Price, Each with Saw
A24	24x4	10 $\frac{1}{4}$	7	\$12.25
A26	26x4	10 $\frac{1}{4}$	7	12.50
A28	28x4	10 $\frac{1}{4}$	7	12.75
B26	26x5	10 $\frac{1}{4}$	7	13.50
B28	28x5	10 $\frac{1}{4}$	7	13.75
B30	30x5	10 $\frac{1}{4}$	7	14.00
C30	30x6	10 $\frac{1}{4}$	7	15.50

### PRESSED STEEL

#### STYLE SB

This box is built entirely of steel. It is practically non-breakable, yet is very light, weighing only 13 $\frac{1}{2}$  lbs., fully equipped. It has a detachable lever, and may be packed in a small space, and carried with a kit of tools.

The parts are pressed or forged to shape and welded together.

The bed and back are perforated giving a perfect clearance for sawdust, and the plates are roughened to prevent work from slipping.

The lever has an adjustment in any direction to correct the run of the saw.

The degree scale is cut onto the frame and is clear and easily read.

The saw guides are turned from a solid bar and have detent pins to hold saw elevated.

The lock for fastening the lever at any point is operated by the finger latch.

The feet have steel spurs set into them to prevent them from slipping.

The parts are heavily copper plated and oxidized giving a pleasing and rustproof finish.

Number	Saw	Capacity at Right Angle Inches	Capacity at Miter Inches	Price, Each with Saw
SB 26	26x5	10 $\frac{1}{4}$	7	\$13.00
SB 28	28x5	10 $\frac{1}{4}$	7	13.50
SB 30	30x5	10 $\frac{1}{4}$	7	14.00

## ATKINS PLASTERING TROWELS

In the making of Atkins Trowels we use the same high grade steel as in saw blades.

The construction of our trowels is scientific and along the lines so popular among the best mechanics.

There is a decided advantage, therefore, in the use of Atkins "AAA" Trowels, which a trial will demonstrate.

### No. 4

#### SILVER STEEL FINISHING INDIANA PATTERN

Handle ebony finish, nicely polished. Mounting is cast steel, with 10 rivets.

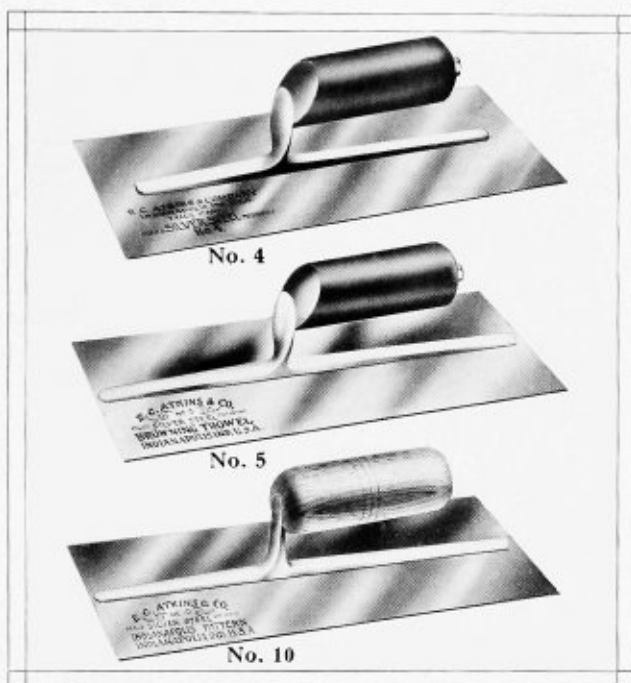
Length Inches	Width Inches	Weight per Doz. Lbs.	Price per Dozen
10	4 $\frac{1}{2}$	5 $\frac{1}{2}$	\$23.50
10 $\frac{1}{2}$	4 $\frac{1}{2}$	5 $\frac{3}{4}$	24.50
11	4 $\frac{3}{4}$	6	25.50
11 $\frac{1}{2}$	4 $\frac{3}{4}$	6 $\frac{1}{4}$	26.75
12	4 $\frac{3}{4}$ & 5	6 $\frac{3}{4}$	28.00
12 $\frac{1}{2}$	5 $\frac{1}{4}$	7 $\frac{1}{4}$	29.00
13	5 $\frac{1}{2}$	7 $\frac{3}{4}$	31.50
14	6	8 $\frac{1}{4}$	34.50
16	6	8 $\frac{3}{4}$	36.75

### No. 5

#### SILVER STEEL BROWNING 21 GAUGE

Length Inches	Width Inches	Weight per Doz. Lbs.	Price per Dozen
11 $\frac{1}{2}$	4 $\frac{3}{4}$	6 $\frac{1}{4}$	\$26.75
11 $\frac{1}{2}$	5	6 $\frac{1}{2}$	26.75
12	4 $\frac{3}{4}$	6 $\frac{3}{4}$	28.00
12	5	7	28.00

Same as No. 4, except heavier blade for browning.



### No. 10 FINISHING

#### INDIANAPOLIS PATTERN

Handle, black walnut of the same shape, size and pattern as used on No. 1.

Blades 11 $\frac{1}{2}$  inch and longer have 12 rivets; 10 inch and under, 10 rivets.

Length Inches	Width Inches	Weight per Dozen Pounds	Price per Dozen
10	4 $\frac{1}{2}$	5 $\frac{1}{2}$	\$23.50
10 $\frac{1}{2}$	4 $\frac{1}{2}$	5 $\frac{3}{4}$	24.50
11	4 $\frac{3}{4}$	6	25.50
11 $\frac{1}{2}$	4 $\frac{3}{4}$	6 $\frac{1}{4}$	26.75
12	4 $\frac{3}{4}$ & 5	6 $\frac{3}{4}$	28.00
12 $\frac{1}{2}$	5 $\frac{1}{4}$	7 $\frac{1}{4}$	29.00
13	5 $\frac{1}{2}$	7 $\frac{3}{4}$	31.50

All the above packed one-half dozen in a box.

# ATKINS SILVER STEEL SAWS

## ATKINS PLASTERING TROWELS



No. 1

No. 2

No. 11

No. 12

### No. 1

#### SILVER STEEL FINISHING

Length Inches	Width Inches	Weight per Doz. Lbs.	Price per Dozen
10	4½	6	\$13.50
10½	4½	6¼	14.50
11	4¾	6½	15.50
11½	4¾	6¾	16.75
12	4¾ & 5	7	18.00
12½	5¼	8	19.50
13	5½	9	21.50
14	6	10	26.00
16	6	10½	30.00

### No. 2

#### CAST STEEL FINISHING

Length Inches	Width Inches	Weight per Doz. Lbs.	Price per Dozen
10	4½	6	\$12.00
10½	4½	6¼	13.00
11	4¾	6½	14.00
11½	4¾	7	15.25
12	4¾ & 5	7¼	16.50
12½	5¼	7½	18.00
13	5½	8	19.50

### No. 12 CAST STEEL SHEFFIELD SAW WORKS

Length Inches	Width Inches	Weight per Doz. Lbs.	Price per Dozen
10	4½	6	\$10.70
10½	4½	6¼	10.70
11	4¾	6½	11.40
11½	4¾	7	12.20
12	4¾ & 5	7¼	13.30

### No. 11 ADJUSTABLE LINVILLE PATTERN

The handle is detached by turning the hexagon nut and slipping from the blade. This permits the blade to be easily carried. Only one handle and as many different blades as you wish. All are interchangeable.

The bar is fastened to the blade by ten steel rivets. It adds strength and makes the blade stiffer. It is rounded so as to protect the knuckles.

The handle is of hardwood, ebony finish, Easy Grip Pattern, rounded nose, non-turnable attachment and fastened with a hexagon nut. It may be attached to the blade at any point so as to give the exact balance which you wish.

By reversing the handle, both ends of the blade may be used, thus avoiding wear on one end only, which is necessary with the old style trowel. They are cheaper than the ordinary trowel because you only have to purchase one handle, after which you buy blades only.

Length .....	inches	10	10½	11	11½	12	12½	13
Price .....	per dozen	\$23.50	\$24.50	\$25.50	\$26.75	\$28.00	\$29.00	\$31.50

Extra wrenches, per dozen, \$1.20.



ATKINS CEMENT TROWELS

**No. 6**

**EDGING**

**SILVER STEEL,  
WARRANTED**

A special trowel for edging cement walks.

11½ inches long, 4¾ inches wide.

Weight, 11¾ pounds per dozen.

Price...per dozen \$20.00

Packed one-half dozen in a box.



No. 6

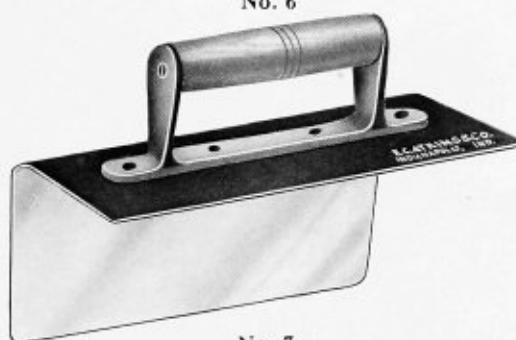
**No. 7**

**CURBING**

Silver Steel Blade, 10 inches long, 5 inches wide, 5 inches deep, 1½ inches radius. Weight, 36 pounds per dozen.

Price...per dozen 30.00

Other sizes made to order. Prices on application.



No. 7

**No. 8**

**RADIUS**

Silver Steel Blade, 8 inches long, 2½ inches radius, ¼ round. Weight, 16½ pounds per dozen.

Price...per dozen 30.00

Other sizes made to order. Prices on application.



No. 8

**No. 9**

**GUTTERING**

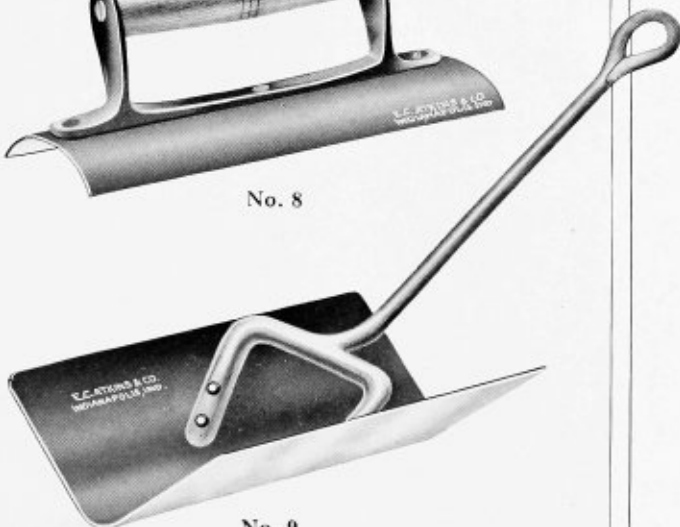
Silver Steel Blade, 10 inches long, 5 inches wide, 5 inches deep, 1½ inches radius.

This trowel will be furnished with either style handle.

Weight, 42 pounds per dozen.

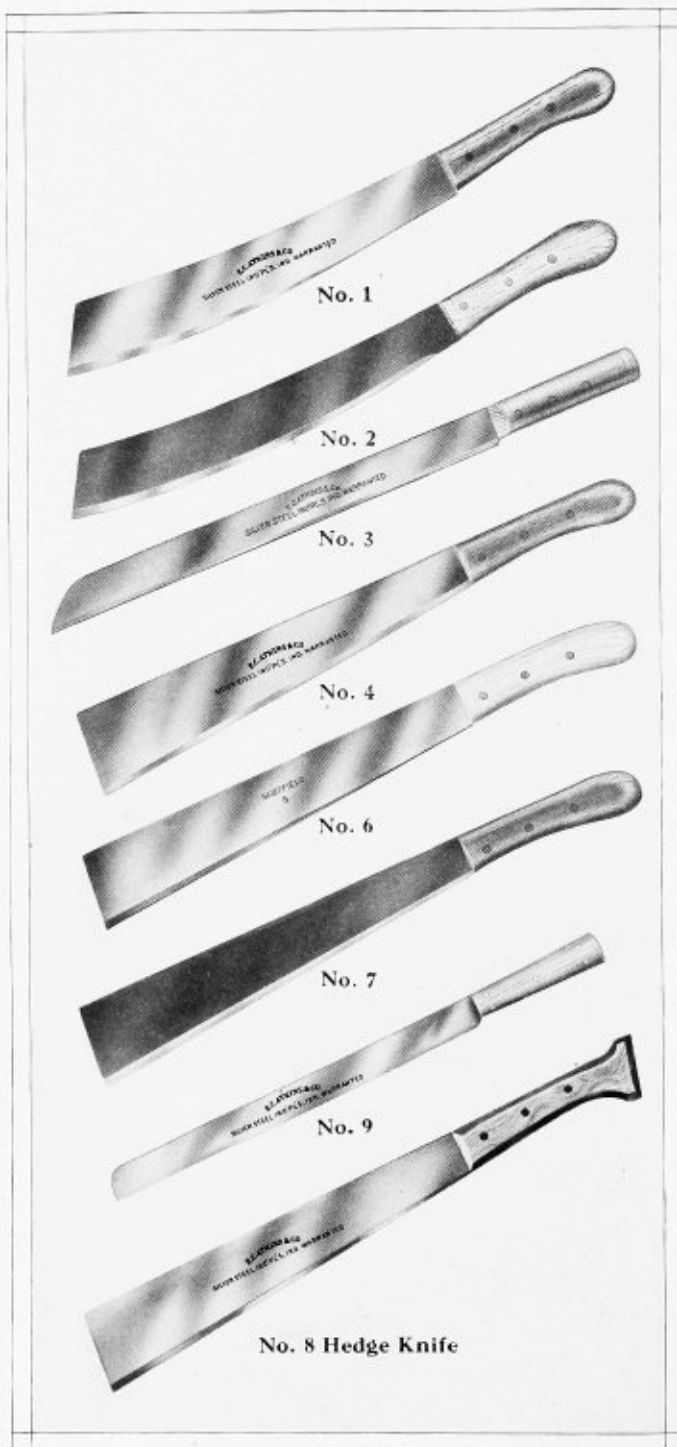
Price...per dozen 30.00

Other sizes made to order. Prices on application.



No. 9

ATKINS CORN KNIVES



**No. 1 SILVER STEEL**

Length of blade, 15 $\frac{1}{2}$  inches. Width at end, 2 $\frac{3}{8}$  inches. Length over all, 22 inches. Blade, polished bright. Varnished handle. Number of rivets, 3. Price..... per dozen \$3.50  
Weight, per dozen, 11 pounds.

**No. 2 SPECIAL STEEL**

Length of blade, 15 $\frac{1}{2}$  inches. Width at end, 2 $\frac{3}{8}$  inches. Length over all, 22 inches. Blade black. White unvarnished handle. Number of rivets, 3. Price..... per dozen 3.30  
Weight, per dozen, 12 pounds.

**No. 3 SILVER STEEL**

Length of blade, 17 $\frac{1}{2}$  inches. Width at end, 1 $\frac{1}{2}$  inches. Length over all, 23 inches. Blade, polished bright. Varnished handle. Number of rivets, 3. Price..... per dozen 3.50  
Weight, per dozen, 9 pounds.

**No. 4 SILVER STEEL**

Length of blade, 15 inches. Width at end, 3 inches. Length over all, 21 $\frac{1}{2}$  inches. Blade polished bright. Varnished handle. Number of rivets, 3. Price..... per dozen 3.40  
Weight, per dozen, 12 pounds.

**No. 6 SPECIAL STEEL**

Length of blade, 15 inches. Width at end, 3 inches. Length over all, 21 $\frac{1}{2}$  inches. Hardwood handle, natural finish. Number of rivets, 3. Price..... per dozen 3.10  
Weight, per dozen, 12 pounds.

**No. 7 SPECIAL STEEL**

Length of blade, 15 inches. Width at end, 3 inches. Length over all, 21 $\frac{1}{2}$  inches. Self colored. Varnished handle. Number of rivets, 3. Price..... per dozen 3.00  
Weight, per dozen, 13 pounds.

**No. 9 SILVER STEEL**

Length of blade, 17 $\frac{3}{4}$  inches. Width at end, 1 $\frac{1}{2}$  inches. Length over all, 24 inches. Hardwood handle, natural finish. Number of rivets, 5. Price..... per dozen 7.50  
Weight, per dozen, 12 pounds.

**No. 8 HEDGE KNIFE  
SILVER STEEL**

Length of blade, 15 inches. Width at end, 3 inches. Length over all, 21 $\frac{1}{2}$  inches. Blade, polished bright. Handle, natural finish. Number of rivets, 3. Price..... per dozen 5.00  
Weight, per dozen, 12 pounds.

All above (excepting Nos. 3 and 9) are packed one-half dozen in package. Nos. 3 and 9, one-half dozen in pasteboard box.

ATKINS CANE KNIVES

SILVER STEEL

No. 10 CANE KNIFE

Length of blade,  $11\frac{1}{2}$  inches.  
 Width at end,  $5\frac{1}{8}$  inches.  
 Width at handle,  $2\frac{1}{2}$  inches.  
 Length over all,  $19\frac{3}{4}$  inches.  
 Number of rivets, 4. Weight  
 unpacked, per dozen, 13  
 pounds. 19 gauge.

Price .....per dozen \$8.00

Furnished with either  
 straight or curved hook.



No. 10

No. 11 CANE KNIFE

Length of blade,  $10\frac{3}{4}$  inches.  
 Width at end,  $3\frac{3}{4}$  inches.  
 Width at handle,  $2\frac{1}{4}$  inches.  
 Length over all,  $17\frac{1}{2}$  inches.  
 Beech handle. Number of  
 rivets, 3. Weight, per dozen,  
 9 pounds. 19 gauge.

Price .....per dozen 6.50

Furnished with either  
 straight or curved hook.



No. 11

No. 12 CANE KNIFE

Length of blade,  $11\frac{1}{4}$  inches.  
 Width at end,  $4\frac{7}{8}$  inches.  
 Width at handle,  $2\frac{3}{8}$  inches.  
 Length over all,  $19\frac{5}{8}$  inches.  
 Hardwood handle. Number  
 of rivets, 4. Weight, per  
 dozen, 12 pounds.

Price .....per dozen 7.50



No. 12

No. 13 CANE KNIFE

Length of blade, 13 inches.  
 Width at end,  $5\frac{1}{8}$  inches.  
 Width at handle,  $2\frac{1}{2}$  inches.  
 Length over all,  $19\frac{7}{8}$  inches.  
 Hardwood handle. Number  
 of rivets, 4. Weight, per  
 dozen, 13 pounds.

Price .....per dozen 9.00



No. 13

No. 14 CANE KNIFE

Length of blade,  $11\frac{5}{8}$  inches.  
 Width at end,  $5\frac{1}{8}$  inches.  
 Width at handle,  $2\frac{5}{8}$  inches.  
 Length over all,  $19\frac{7}{8}$  inches.  
 Hardwood handle. Number  
 of rivets, 4. Weight, per  
 dozen, 13 pounds. 18 gauge.

Price .....per dozen 8.50

Above packed one dozen in  
 box.



No. 14

ATKINS CANE KNIVES

SILVER STEEL



No. 15



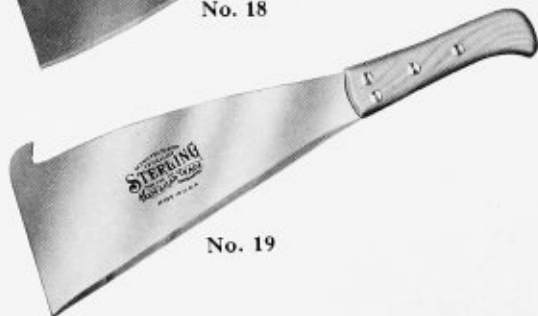
No. 16



No. 17



No. 18



No. 19

No. 15 CANE KNIFE

Length of blade,  $14\frac{1}{2}$  inches.  
Width at end,  $4\frac{1}{4}$  inches.  
Width at handle,  $2\frac{1}{8}$  inches.  
Length over all,  $21\frac{1}{2}$  inches.  
Hardwood handle. Number of rivets, 5. 15 gauge.

Price . . . . . per dozen \$9.00

Weight, per dozen, 20 pounds.

If wanted 16 or 17 gauge deduct 50 cents from list. If wanted 18 or 19 gauge, deduct \$1.00 from list.

No. 16 CANE KNIFE

Length of blade,  $14\frac{1}{4}$  inches.  
Width at end, 5 inches.  
Width at handle,  $2\frac{1}{2}$  inches.  
Length over all,  $21\frac{1}{8}$  inches.  
Hardwood handle. Number of rivets, 4. 15 gauge.

Price . . . . . per dozen 9.00

Weight, per dozen, 18 pounds.

No. 17 CANE KNIFE

Length of blade,  $14\frac{1}{4}$  inches.  
Width at end, 5 inches.  
Width at handle,  $2\frac{1}{2}$  inches.  
Length over all,  $21\frac{1}{8}$  inches.  
Hardwood handle. Number of rivets, 4. 15 gauge.

Price . . . . . per dozen 9.00

Weight, per dozen, 18 pounds.

No. 18 CANE KNIFE

Length of blade,  $11\frac{1}{4}$  inches.  
Width at end,  $4\frac{1}{8}$  inches.  
Width at handle,  $2\frac{1}{4}$  inches.  
Length over all,  $19\frac{5}{8}$  inches.  
Hardwood handle. Number of rivets, 4. 19 gauge.

Price . . . . . per dozen 7.00

Weight, per dozen, 14 pounds.

No. 19 CANE KNIFE

Length of blade,  $13\frac{1}{2}$  inches.  
Width at end,  $5\frac{1}{8}$  inches.  
Width at handle,  $2\frac{3}{8}$  inches.  
Length over all,  $20\frac{1}{4}$  inches.  
Hardwood handle. Number of rivets, 4. 15 gauge.

Price . . . . . per dozen 9.00

Weight, per dozen, 17 pounds.

Above packed one dozen in box.

ATKINS BEET KNIVES

**No. 1 BEET KNIFE**

**SILVER STEEL**

Length of blade, 11½ inches. Width at widest part, 2¼ inches. Length over all, 17 inches. Straight blade, 14 gauge. Hardwood handle, natural finish. Number of rivets, 3. Weight, per dozen, 10 pounds.  
Price.....per dozen \$5.00

**No. 2 BEET KNIFE**

**SILVER STEEL**

11 gauge, otherwise the same as No. 1 Beet Knife.  
Price.....per dozen 5.60

**No. 3 BEET KNIFE**

**SILVER STEEL**

Length of blade, 9½ inches. Width at widest part, 2¼ inches. Length over all, 15½ inches. Curved blade, 14 gauge. Hardwood handle, natural finish. Number of rivets, 3. Weight, per dozen, 10 pounds.  
Price.....per dozen 6.20

**No. 4 BEET KNIFE**

**SILVER STEEL**

11 gauge, otherwise the same as No. 3 Beet Knife.  
Price.....per dozen 6.80

**No. 5 BEET KNIFE**

**SPECIAL STEEL**

Length of blade, 11½ inches. Width at widest part, 2 inches. Length over all, 18½ inches. Straight blade with prong. Hardwood handle, natural finish. Number of rivets, 2. Weight, per dozen, 9 pounds.  
Price.....per dozen 8.00

**No. 6 BEET KNIFE**

**SPECIAL STEEL**

Length of blade, 11½ inches. Width at widest part, 2 inches. Length over all, 18½ inches. Pointed curved blade. Hardwood handle, natural finish. Number of rivets, 2. Weight, per dozen, 9½ pounds.  
Price.....per dozen 6.10

**No. 55 BEET KNIFE**

**SPECIAL STEEL**

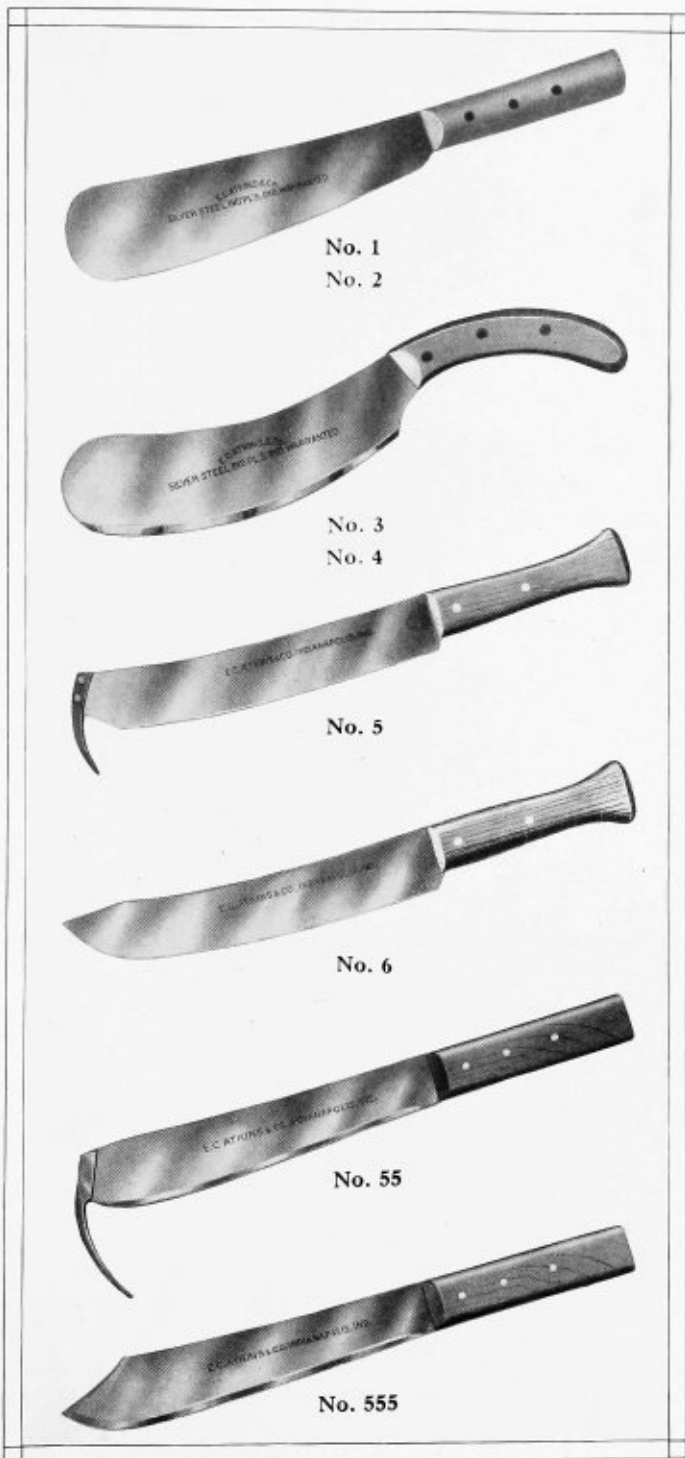
Length of blade, 9½ inches. Width at widest part, 1½ inches. Length over all, 15 inches. Straight blade with prong. Hardwood handle, natural finish. Number of rivets, 3. Weight, per dozen, 9 pounds.  
Price.....per dozen 8.00

**No. 555 BEET KNIFE**

**SPECIAL STEEL**

Length of blade, 9½ inches. Width at widest part, 1½ inches. Length over all, 15 inches. Pointed straight blade. Hardwood handle, natural finish. Number of rivets, 3. Weight, per dozen, 7 pounds.  
Price.....per dozen 5.60

All above packed one-half dozen in box.



No. 1  
No. 2

No. 3  
No. 4

No. 5

No. 6

No. 55

No. 555

# ATKINS SILVER STEEL SAWS

## GRASS HOOKS AND BELT PUNCHES



### ATKINS PERFECTION GRASS HOOK

This is a practical tool. It is made for service and should not be compared with cheaply constructed grass hooks or sickles.

The blade is of Silver Steel and similar to the material used in Atkins Silver Steel Saws. It may, therefore, be ground to a sharp cutting edge which it will hold much longer than is possible with ordinary blades. It is extremely light and may be used without tiring the wrist. It is fitted with a hardwood, easy grip handle, securely fastened to a malleable casting by strong rivets. The curve of the blade is such that the entire cutting edge is constantly in use. Corners and out of the way spots may be easily reached.

The handle, being offset, saves the knuckles from coming in contact with the ground. This is a feature that will be highly appreciated.

Packed one-half dozen in a box.

Price.....per dozen \$8.00

### ROGERS BELT AND STRAP PUNCH

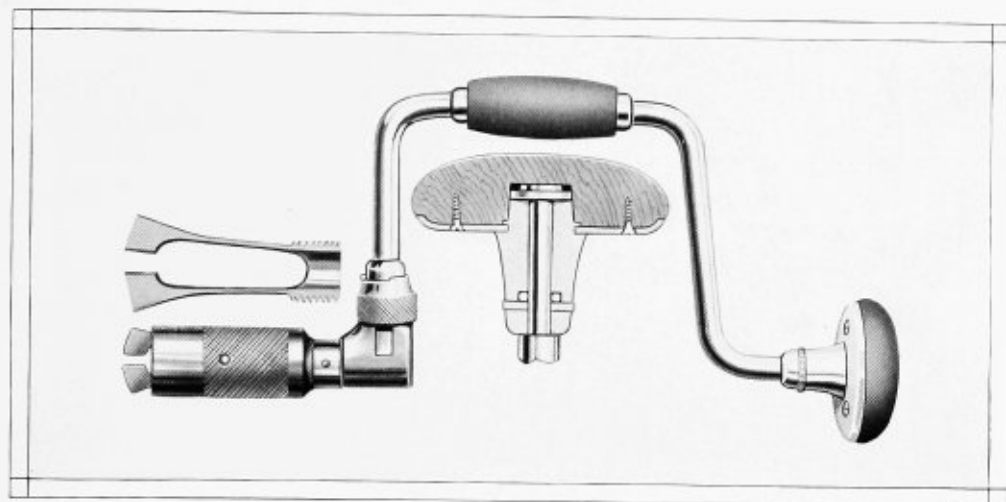
This punch is designed for cutting holes of any desired uniform size in leather or rubber belting, harness or similar material. The blade tapers and is curved. It slips into the handle when not in use and is withdrawn by pulling the thumb screw outward. A series of holes on the side of the handle regulates the amount of blade which is exposed and, therefore, the size of hole cut.

It will cut any size from  $\frac{1}{16}$  to  $\frac{3}{8}$  inch or from  $3\frac{1}{2}$  to 11 m/m, and being no larger than a pocket knife, should be in the pocket of every engineer, belt man, millwright, farmer and horseman.

Price.....per dozen 9.00

Weight, per dozen, one pound, seven ounces.

TITANIC BALL BEARING CHUCK BRACE



This brace is designed and made for the class of mechanics who desire to use the finest tools that can be manufactured.

No expense has been spared in its production, and the machinery used in its manufacture is of the latest and most expensive makes.

Especial attention is called to our new ball bearing chuck, an improvement over other tools.

The tools are finely polished and full nickel-plated. Have a handsome metal-clad head which is ball bearing. Cocobolo head and handle. All the working parts are of steel. Ratchet is operated by the ring method. Pawls are hardened steel.

The chucks are of steel and jaws made of hardened forged steel.

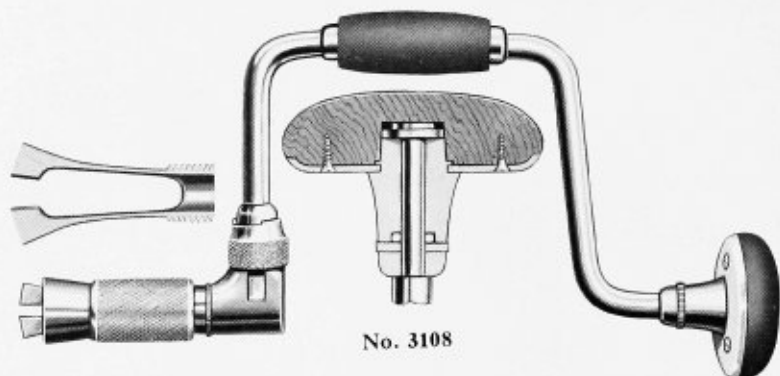
The sweep is made from finished cold drawn steel. The sweep on the 8 inch brace is made of  $\frac{7}{16}$  inch round steel, on the 10 and 12 inch of  $\frac{1}{2}$  inch, and 14 inch of  $\frac{9}{16}$  inch. Ferrules holding handles are of steel.

No. 4108, 8 inch sweep .....	per dozen	\$46.00
No. 4110, 10 inch sweep .....	per dozen	49.00
No. 4112, 12 inch sweep .....	per dozen	52.00
No. 4114, 14 inch sweep .....	per dozen	55.00

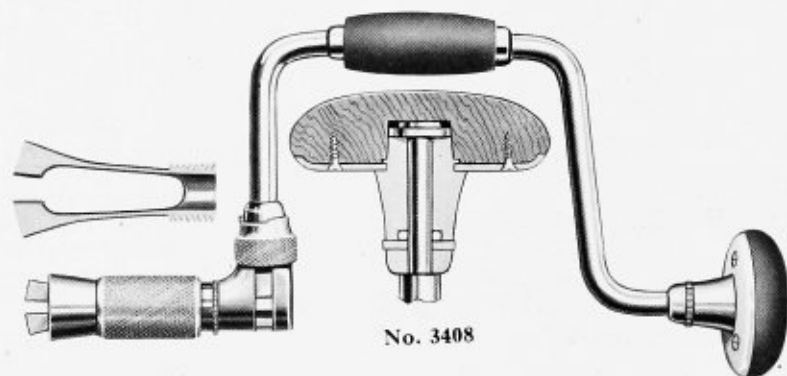
One-sixth dozen in metal-edged boxes. Approximate weight of 10 inch size is 42 pounds, per dozen.

ATKINS RATCHET BRACES

ENCLOSED FRAME. ALL STEEL



No. 3108



No. 3408

BEST MATERIAL. NICKEL-PLATED

This brace is designed to meet the requirements of the trade for a chuck which has the combination of a square taper socket in which the shank of the bit can be securely held, while the pattern of jaws here shown serve to lock the bit firmly into the socket and center it.

Cocobolo head and handle. Hardened steel pawls. Full nickel-plated. Ball bearing metal-clad head.

The chucks are of steel and have jaws made of hardened forged steel which are designed to firmly hold all sizes of square shank bits.

The sweep is made from finished cold drawn steel. The sweep on the 8 inch braces is made of  $\frac{3}{8}$  inch round steel, on the 10 and 12 inch of  $\frac{1}{2}$  inch, and 14 inch of  $\frac{5}{8}$  inch. Ferrules holding handles are of steel.

No. 3108, 8 inch sweep	per dozen	\$39.00
No. 3110, 10 inch sweep	per dozen	42.00
No. 3112, 12 inch sweep	per dozen	45.00
No. 3114, 14 inch sweep	per dozen	48.00

SIMILAR TO ABOVE, WITH GEAR EXPOSED

No. 3408, 8 inch sweep	per dozen	34.00
No. 3410, 10 inch sweep	per dozen	36.00
No. 3412, 12 inch sweep	per dozen	38.00
No. 3414, 14 inch sweep	per dozen	41.00

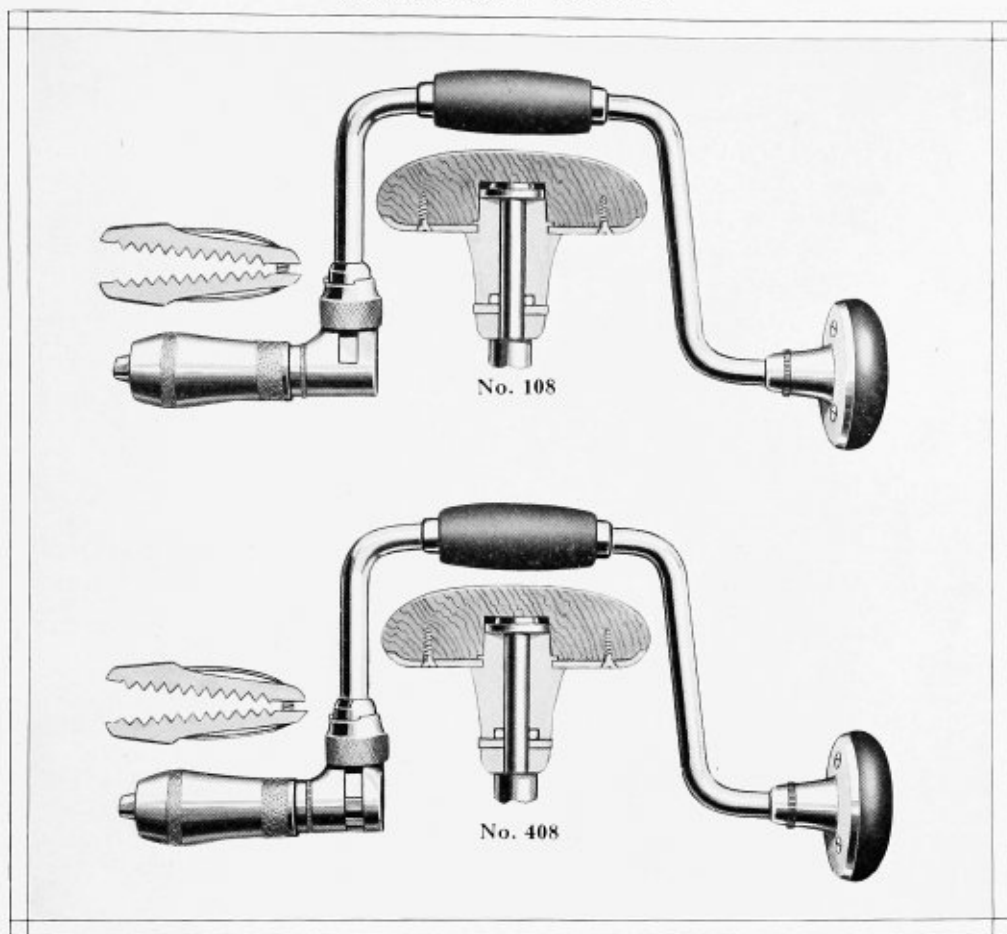
One-sixth or one-half dozen in metal-edged boxes. Four dozen in case.

Approximate weight of 10 inch size is 34 pounds, per dozen.



ATKINS RATCHET BRACES

ENCLOSED FRAME. ALL STEEL



BEST MATERIAL. NICKEL-PLATED

We give these braces the best finish and they are finely nickeled. Cocobolo head and handle. Ball bearing, steel-clad head. Head is fitted with our new pattern metal cap, which adds very much to the durability and beauty of the tool. The chucks are of steel and are fitted with alligator jaws, made of hardened forged steel fitted with a wire spring, and they will firmly hold all sizes of square shank bits and small size round shank drills.

No. 108, 8 inch sweep .....	per dozen	\$37.00
No. 110, 10 inch sweep .....	per dozen	40.00
No. 112, 12 inch sweep .....	per dozen	43.00
No. 114, 14 inch sweep .....	per dozen	46.00

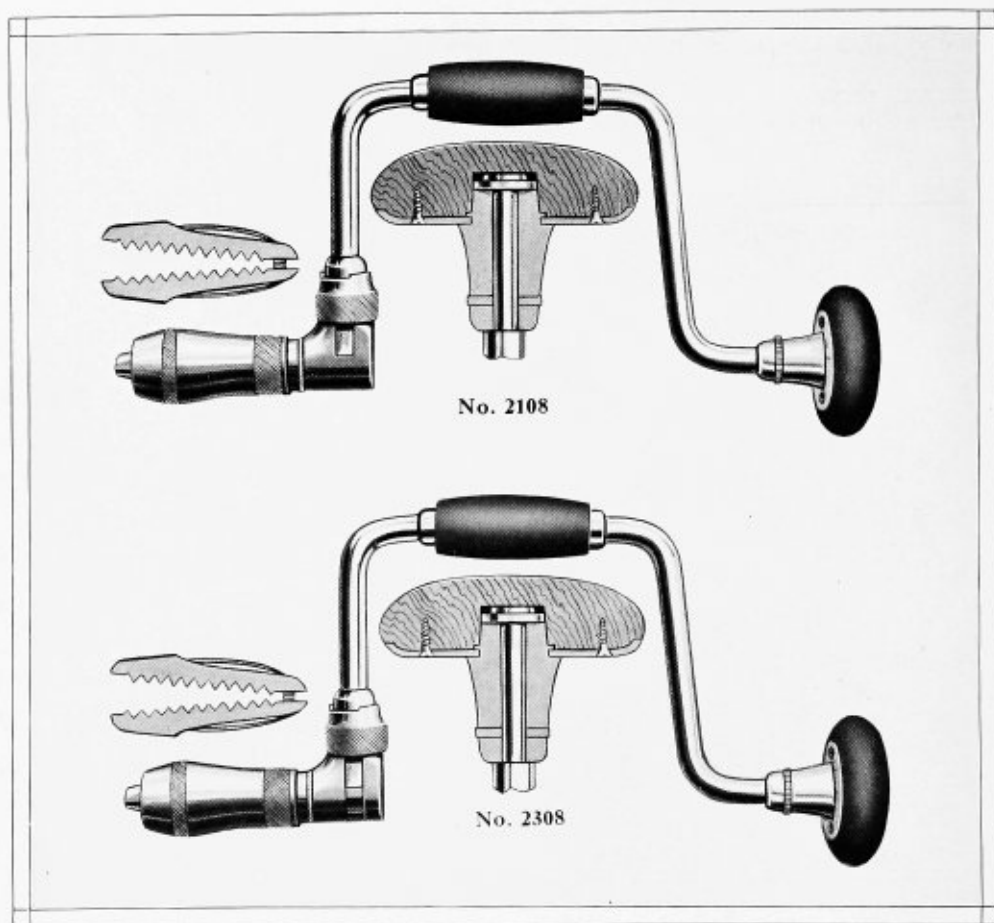
SIMILAR TO ABOVE, WITH GEAR EXPOSED

No. 408, 8 inch sweep .....	per dozen	32.00
No. 410, 10 inch sweep .....	per dozen	34.50
No. 412, 12 inch sweep .....	per dozen	37.00
No. 414, 14 inch sweep .....	per dozen	40.00

One-sixth or one-half dozen in metal-edged boxes. Six dozen in case.  
Approximate weight of 10 inch size is 31 pounds, per dozen.

RING RATCHET BRACES

ENCLOSED FRAME. ALL STEEL



BEST MATERIAL. NICKEL-PLATED

An enclosed frame, ring ratchet brace, strong and well made, and similar to those on page 193. They are first finely polished, and nickeled. Heads and handles are of cocobolo wood. The chucks have alligator jaws, with a spring wire and are designed to firmly hold all sizes of square shank bits and small size round shank drills. The sweep is made from finished cold drawn steel. The sweep on the 8 inch brace being made of  $\frac{7}{8}$  inch round steel, and on the 10 and 12 inch of  $\frac{1}{2}$  inch. Heads are fitted to steel quill with three screws and are not ball bearing.

No. 2108, 8 inch sweep.....	per dozen	\$30.00
No. 2110, 10 inch sweep.....	per dozen	32.00
No. 2112, 12 inch sweep.....	per dozen	34.00
No. 2114, 14 inch sweep.....	per dozen	37.00

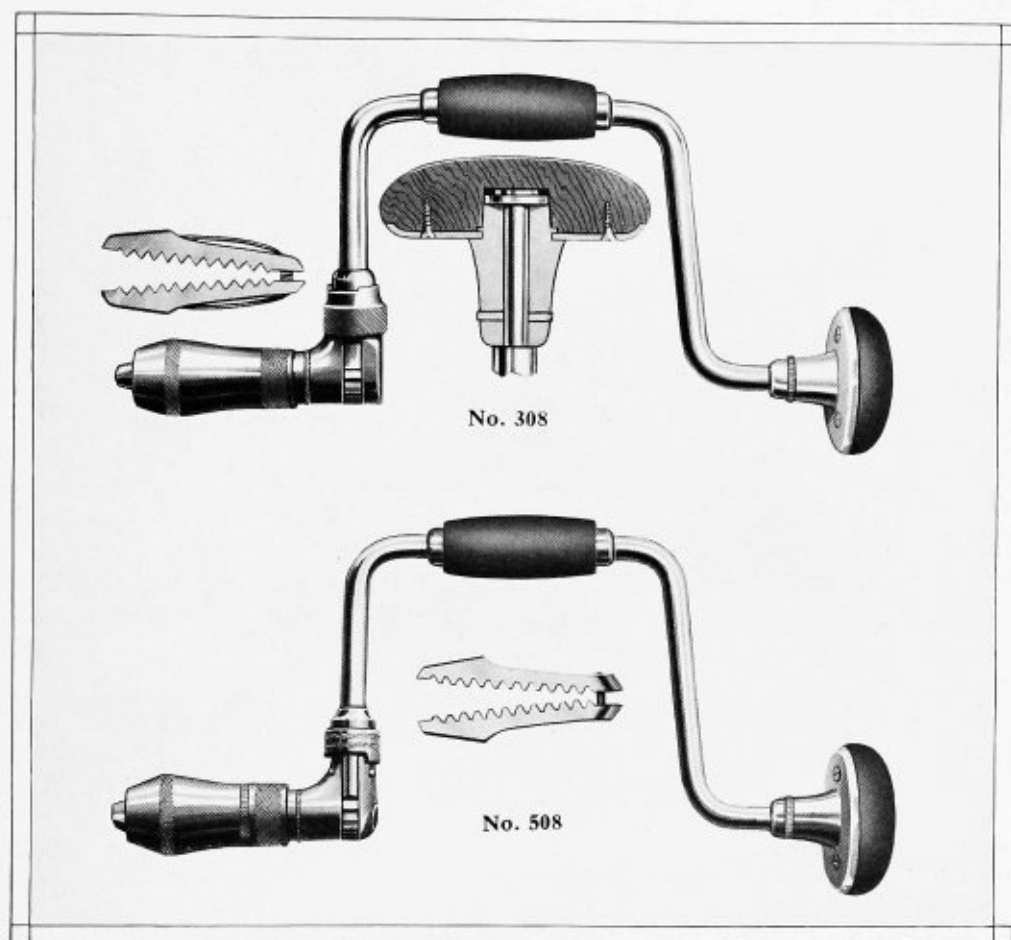
SIMILAR TO ABOVE, WITH GEAR EXPOSED. HEAVILY NICKELED

No. 2308, 8 inch sweep.....	per dozen	20.50
No. 2310, 10 inch sweep.....	per dozen	21.50
No. 2312, 12 inch sweep.....	per dozen	22.50
No. 2314, 14 inch sweep.....	per dozen	24.50

One-sixth or one-half dozen in metal-edged boxes. Six dozen in case.  
Approximate weight of 10 inch size is 31 pounds per dozen.

# ATKINS SILVER STEEL SAWS

## RING RATCHET BRACES



### BEST MATERIAL. NICKEL-PLATED

Best finish. Heavily nickeled. Not ball bearing. Metal-clad head. Cocobolo head and handle. Steel socket fitted with hardened alligator steel jaws that will hold any size of bit or small size drill. Cold drawn steel sweep, with steel ferrules holding handles.

No. 308, 8 inch sweep .....	per dozen	\$21.50
No. 310, 10 inch sweep.....	per dozen	22.50
No. 312, 12 inch sweep.....	per dozen	23.50
No. 314, 14 inch sweep.....	per dozen	25.50

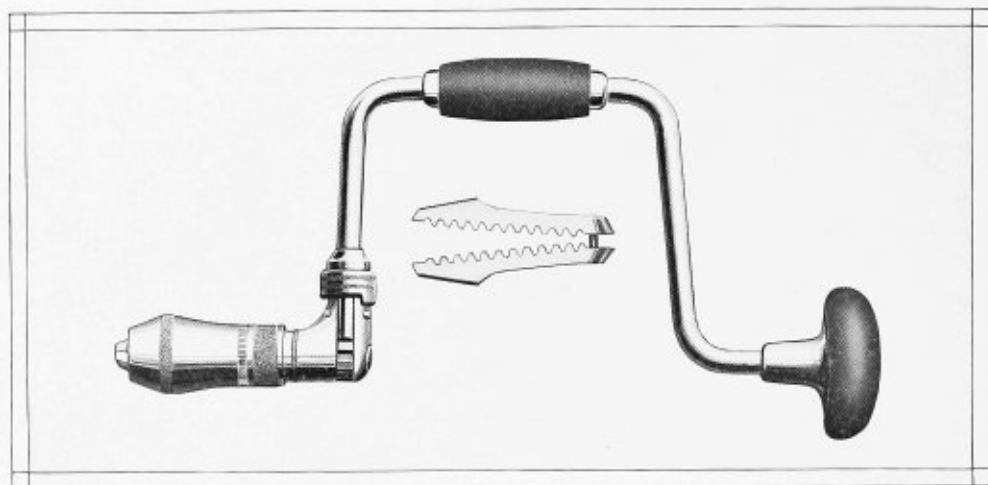
Heavily nickeled. Ebonized or mahogany stained and polished hardwood head and handle. Metal-clad head. Not ball bearing.

No. 508, 8 inch sweep.....	per dozen	18.00
No. 510, 10 inch sweep.....	per dozen	19.00
No. 512, 12 inch sweep.....	per dozen	20.50

One-half dozen in metal-edged boxes. Six dozen in case.  
Approximate weight of 10 inch size is 30 pounds per dozen.

# ATKINS SILVER STEEL SAWS

## RING RATCHET BRACES



### WELL MADE, LOW PRICE RING RATCHET BRACE

Polished. Cold drawn,  $\frac{1}{2}$  inch steel sweep. Mahogany stained hardwood head and handle. Will hold any size of bit. Cast steel alligator jaws. Small quill screwed to head. Steel ferrules.

No. 708, 8 inch sweep.....	per dozen	\$13.25
No. 710, 10 inch sweep.....	per dozen	14.00
No. 712, 12 inch sweep.....	per dozen	14.75

### SAME, NICKEL-PLATED

No. 1708, 8 inch sweep.....	per dozen	15.00
No. 1710, 10 inch sweep.....	per dozen	15.75
No. 1712, 12 inch sweep.....	per dozen	16.50

Nickel-plated. Mahogany stained polished hardwood head and handle. Socket anti-friction washer. Steel socket with hardened cast steel alligator jaws.

No. 2708, 8 inch sweep.....	per dozen	16.50
No. 2710, 10 inch sweep.....	per dozen	17.25
No. 2712, 12 inch sweep.....	per dozen	18.00

### SIMILAR, BRIGHT POLISH

$\frac{3}{8}$  inch steel rod. Mahogany stained head and handle.

No. 68, 8 inch sweep.....	per dozen	12.00
No. 70, 10 inch sweep.....	per dozen	12.50
No. 72, 12 inch sweep.....	per dozen	13.00

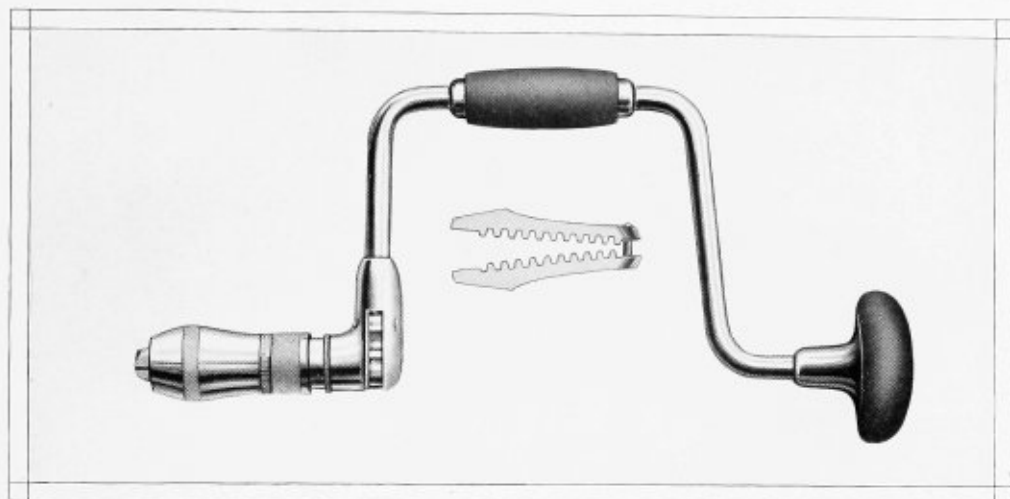
### SAME, NICKEL-PLATED

No. 1908, 8 inch sweep.....	per dozen	11.50
No. 1910, 10 inch sweep.....	per dozen	12.25
No. 1912, 12 inch sweep.....	per dozen	13.00

One-half dozen in metal-edged boxes. Six dozen in case.

Approximate weight of 10 inch size is 26 pounds per dozen.

**PAWL RATCHET BRACES**



Nicely plated. Ebonized hardwood head and handle. Cold drawn  $\frac{1}{2}$  inch steel sweep. Well finished and durable. Steel ferrules. Hardened steel pawls. Hardened cast steel alligator jaws. Head screwed to quill.

No. 908, 8 inch sweep.....	per dozen	\$12.50
No. 910, 10 inch sweep.....	per dozen	13.00
No. 912, 12 inch sweep.....	per dozen	13.50

**SAME, POLISHED**

Stained hardwood head and handle.  $\frac{3}{16}$  inch sweeps.

No. 808, 8 inch sweep.....	per dozen	9.00
No. 810, 10 inch sweep.....	per dozen	9.50
No. 812, 12 inch sweep.....	per dozen	10.00

Approximate weight of 10 inch size is 26 pounds per dozen.

**LOW PRICE PLAIN BRACES, NON-RATCHET**

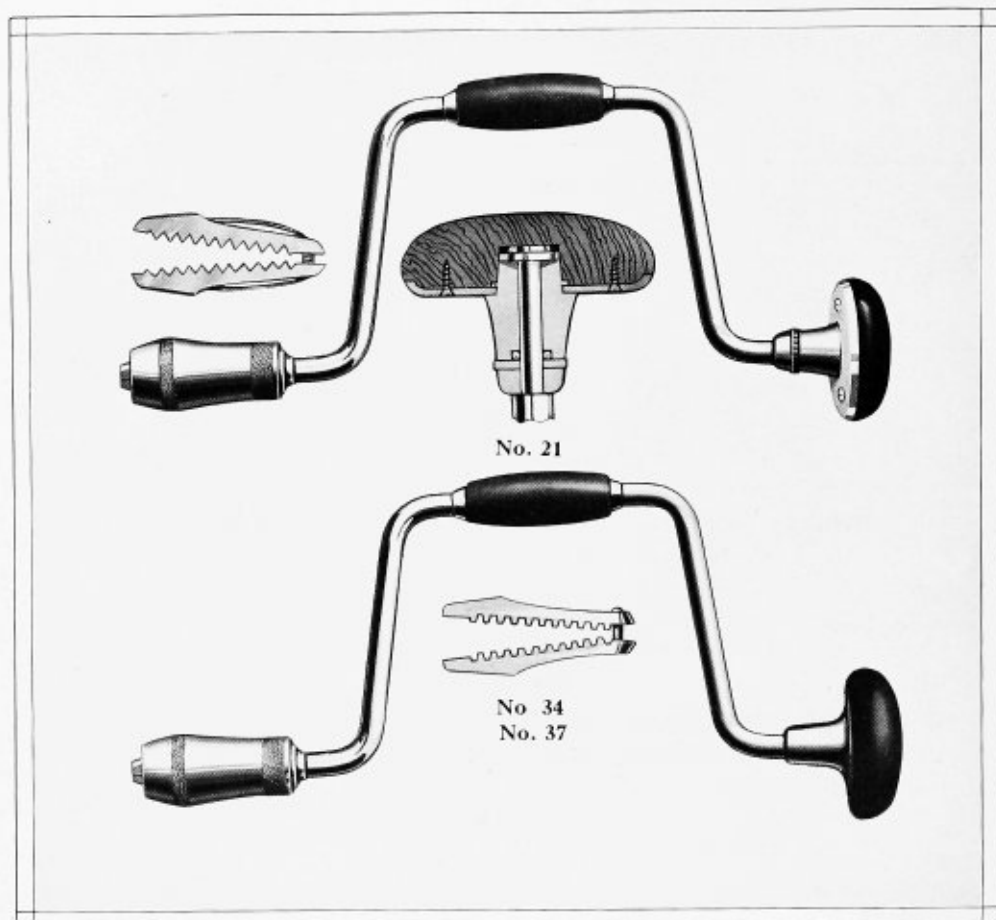
Polished. Cold drawn steel sweep,  $\frac{3}{16}$  inch. Stained head and handle.

No. 08, 8 inch sweep.....	per dozen	4.00
No. 010, 10 inch sweep.....	per dozen	4.30
No. 012, 12 inch sweep.....	per dozen	4.60

Approximate weight of 10 inch size is 20 pounds per dozen.

# ATKINS SILVER STEEL SAWS

## PLAIN BRACES



No. 21

No. 34  
No. 37

### OUR FINEST QUALITY BALL BEARING

These braces have same quality of material and finish as found in our finest ratchet braces. Finely nicked. Cocobolo head and handle. Steel socket, fitted with forged steel alligator jaws, with a wire spring. Will hold any size of bit, or small size round shank drill. New model steel-clad head. Cold drawn,  $\frac{1}{2}$  inch steel sweep.

No. 21, 8 inch sweep.....	per dozen	\$13.00
No. 22, 10 inch sweep.....	per dozen	14.00
No. 23, 12 inch sweep.....	per dozen	15.00
No. 24, 14 inch sweep.....	per dozen	16.50

Heavily nicked. Ebonized hardwood or polished imitation mahogany head and handle.

### CAST STEEL, ALLIGATOR JAWS

$\frac{1}{2}$  inch steel sweep.

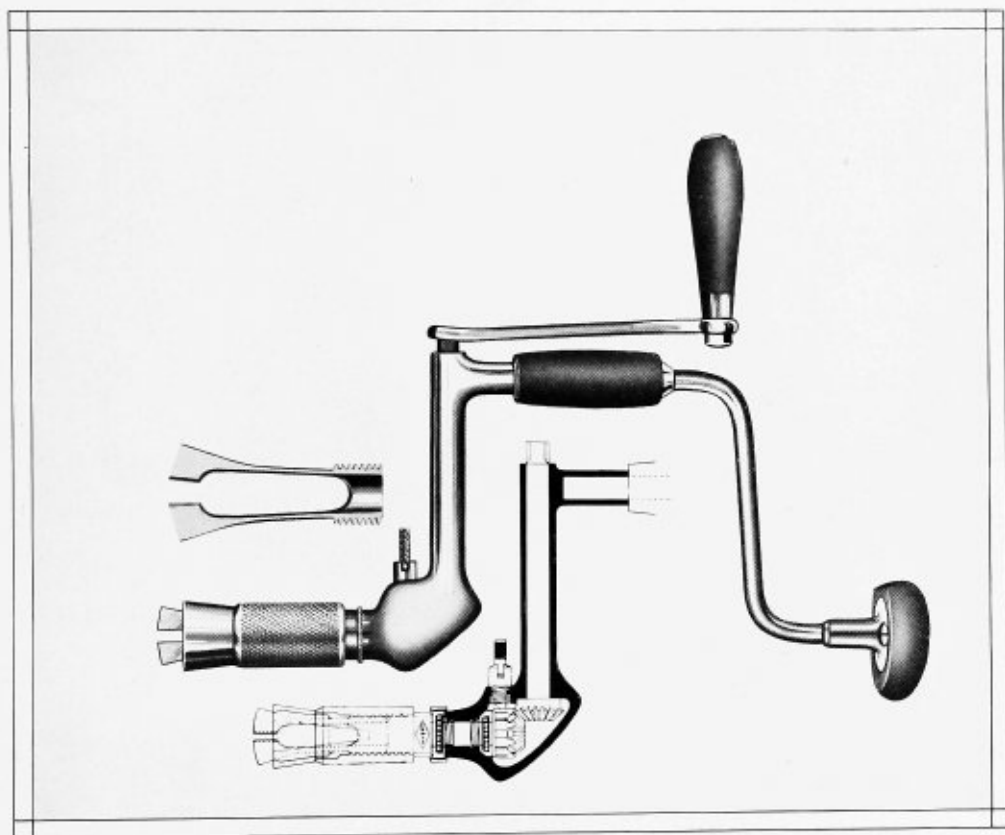
No. 34, 8 inch sweep.....	per dozen	6.70
No. 35, 10 inch sweep.....	per dozen	7.20
No. 36, 12 inch sweep.....	per dozen	7.70

### SAME, FINELY POLISHED

No. 37, 8 inch sweep.....	per dozen	5.70
No. 38, 10 inch sweep.....	per dozen	6.20
No. 39, 12 inch sweep.....	per dozen	6.70

One-half dozen in metal-edged boxes. Six dozen in case.  
Approximate weight of 10 inch size is 22 pounds per dozen.

ATKINS COMBINATION CORNER BRACE



A TOOL THAT MEETS ALL REQUIREMENTS

Made only in the best finish. Highly polished and all finely nickeled. Cocobolo head and handles. Ball bearing head and socket. The case that covers the working parts is of steel and made rigid and substantial. Gears of hardened steel, mill-cut and protected against dust. Chuck is of steel and has hardened forged steel jaws that will hold and center all sizes of bits and small size round shank drills.

Made only in 10 inch sweep.

No. 342. Fitted with pattern jaws shown above.....	per dozen	\$57.00
No. 42. Fitted with regular sleeve, 2 jaw chuck.....	per dozen	55.00

One-sixth dozen in metal-edged boxes. Four dozen in case.  
 Approximate weight with handles is 40 pounds per dozen.

AAA

ATKINS  
TOOLS  
*for the*  
FILING ROOM





# ATKINS SILVER STEEL SAWS

## ATKINS SAW MAKERS' TOOLS

### SHINGLE SAW SET

For heading, shingle or small saws. Made of drop forged tool steel. Weight, 5 ounces each.

Price.....per dozen \$9.00

### CIRCULAR AND MILL SAW SETS

Made to suit saws of different sizes.

Large, for circular saws, double handle ....each 2.25

Small, for band saws, single handle ....each 1.50

Weight, large, 1 lb., 10 ounces each.

Weight, small, 10 ounces each.

### BAR SWAGES

No.	No. of Sides	Dimensions Inches	Wt. Lbs.	Price Each
1	6 or 8	11x1 x $\frac{1}{2}$	$\frac{11}{16}$	\$3.75
2	6 or 8	11x1 $\frac{1}{4}$ x $\frac{5}{8}$	1 $\frac{11}{16}$	4.50
3	6 or 8	11x1 $\frac{1}{2}$ x $\frac{3}{4}$	2 $\frac{9}{16}$	5.25
4	6 or 8	11x1 $\frac{3}{4}$ x $\frac{7}{8}$	3 $\frac{1}{2}$	6.00

### HAMMERS FOR BAR SWAGES

Size In.	Weight Lbs.	Price Each
$\frac{3}{4}$	$\frac{1}{2}$	\$1.50
$\frac{7}{8}$	$\frac{11}{16}$	1.80
1	$\frac{11}{16}$	2.25

Every sawyer or filer should have one of these swages and hammers for drawing out short teeth, or swaging saws, before using the regular swage or upset.

### LEVELING BLOCKS SURFACED ON BOTH SIDES

Width In.	Thickness In.	Weight per Foot	Price per Lineal Foot
12	2	80	\$6.00
12	2 $\frac{1}{2}$	100	7.50
12	3	120	9.00
12	3 $\frac{1}{2}$	140	10.50
12	4	160	12.00

Other widths at proportionate prices.

### LEVELING TABLE

12 inches wide, 7 feet long.

Price .....each \$18.00



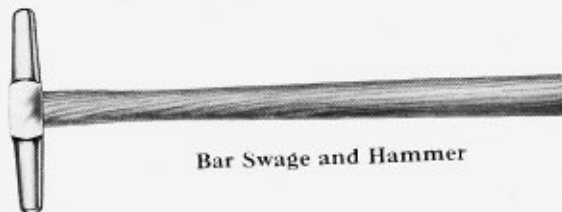
Shingle Saw Set



Single Saw Set, Small



Double Saw Set, Large



Bar Swage and Hammer



Leveling Block



Leveling Table

# ATKINS SILVER STEEL SAWS

## ATKINS SAW MAKERS' TOOLS



Speed Indicator



Wire Gauge



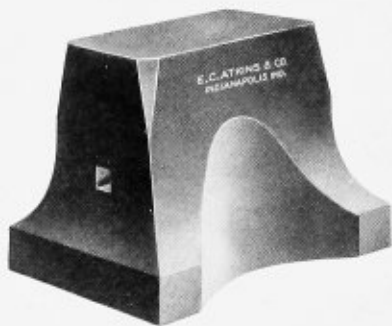
Straight Edge



Round Faced Hammer



Square Faced Hammer



Anvil

### IMPROVED SPEED INDICATORS

Will give the speed of any machine or shaft when in motion, correctly. Weight, per dozen 2 pounds.

Sent by mail, prepaid, with cap, for 75 cents each.

### STANDARD WIRE GAUGES

Oblong gauges Nos. 1 to 26.....each \$1.25  
Round wire gauges...each 1.00

### STRAIGHT EDGE

Price.....per foot 1.00  
Over 5 feet in length, special prices quoted on application.

### TENSION GAUGE

Made to order. Prices on application.

### BACK GAUGE WITH DOUBLE EDGE

Made to order. Prices on application.

### ROUND FACED HAMMER

Price.....per pound .60  
Furnished any weight desired.

### SQUARE FACED HAMMER

Price.....per pound .60  
Furnished any weight desired.

### ANVILS

#### STEEL FACED

Anvils weighing less than 180 pounds....per pound .15  
Anvils weighing 180 pounds or over.....per pound .18

We keep in stock anvils 10x6 face, 86, 110, 145 pounds; 12x6, 250 pounds.

**ATKINS UPSET SWAGES**

Atkins Upset Swages may be successfully used on all kinds of saws. The material in the shank is of the very highest quality tool steel. The bands are made from a high grade soft steel of sufficient tensile strength to stand the strain without cracking or expanding.

Order by number, specifying type of saw and gauge on which swage is to be used.

**ATKINS No. 2**

**FOR BAND AND CYLINDER SAWS**

Price .....each \$2.25  
Weight, each, 6½ ounces.

**ATKINS UPSET**

**FOR CIRCULAR AND OTHER SAWS**

No. 0, for large circular saws, from 5 to 10 gauge.

Price .....each 3.00  
Weight, each, 1½ pounds.

No. 1, for large circular saws, from 8 to 12 gauge.

Price .....each 2.75  
Weight, each, 1½ pounds.

No. 2, for small circular and mill saws of thinner gauge.

Price .....each 2.25  
Weight, each, 7⁄8 pound.

No. 3, for small circular saws.  
Price .....each 1.75  
Weight, each, 2½ ounces.

**MIXTER'S DUPLEX**

**MIXTER'S PATENT**

No. 0, for small thin saws.  
Price .....each 4.00  
Weight, each, 4½ ounces.

No. 1, for all thinner gauges.  
Price .....each 5.00  
Weight, each, 5⁄8 pound.

No. 2, for saws from 8 to 12 gauge.  
Price .....each 6.00  
Weight, each, 5⁄8 pound.

No. 3, for saws from 5 to 10 gauge.  
Price .....each 7.00  
Weight, each, 1¾ pounds.



**No. 2 for Band and Cylinder Saws**



**No. 0, 1, 2 and 3**



**Inside Construction of Above**



**Mixer's Nos. 0, 1, 2 and 3**

## ATKINS IDEAL SWAGE

In the Atkins Ideal Swage we have discovered the true principle for swaging saw teeth.

We claim for it the most scientific and perfect adjustment, the greatest simplicity of action combined with strength and durability.

Atkins Ideal Swage overcomes all difficulties that have been found in the operation of previous types of swages and produces perfect saw teeth with greatest precision and least effort.

The principle under which it is constructed places the working corner of the anvil at the exact center of operation. When the point of the tooth is placed at the corner of the anvil and the block is rolled forward or backward in the saddle to accommodate a slender or blunt tooth, the relation of the point of the tooth to the anvil always remains the same. In this manner, the relation of the die to the anvil is identical, therefore allowing an easy adjustment to the most inexperienced operators.

We confidently believe that Atkins Ideal Swage will eventually be used in all cases where the finest tools are a consideration.

All working parts are made sufficiently heavy and strong to withstand wear and hard usage and are reinforced where necessary. This insures the greatest life to the swage and the least cost for replacements.

It is made of the very finest materials throughout and all parts are carefully machined and fitted. It is heavily nickel-plated and buffed and no expense is considered that will add to its efficiency and durability.

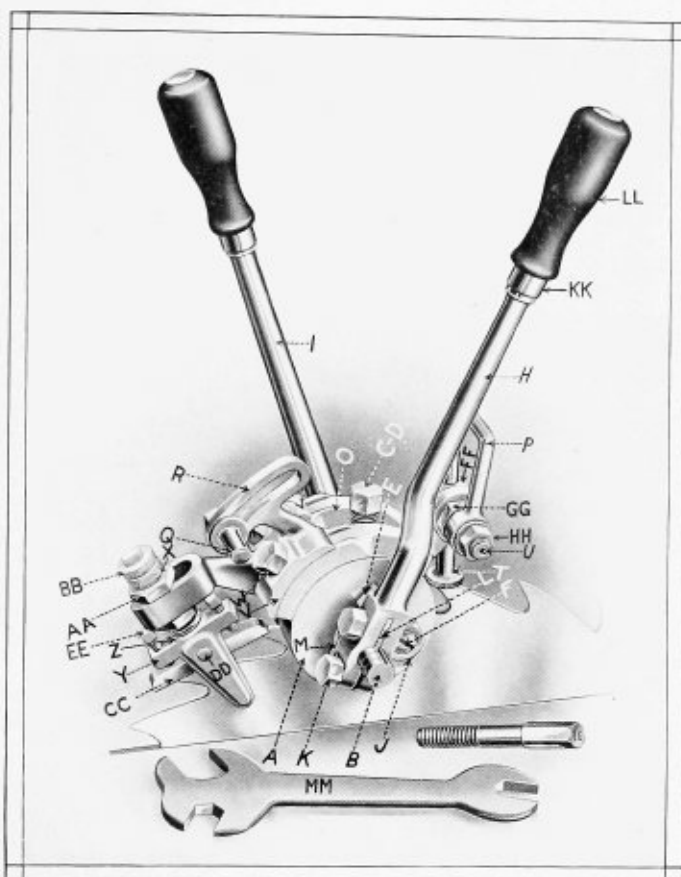
Atkins Ideal Swages are made for use on all types of saws, including band re-saws, circular saws of all sizes and shapes of teeth, shingle saws, cylinder saws, etc. For detailed information in these particulars, see page 205.

Lists of parts and instructions for operating will be found on the following pages.

The use of Atkins Ideal Swage in connection with Pribnow Swage Shapers gives a combination which will enable even the most inexperienced operators to produce the most perfect teeth with least effort and expense.

# ATKINS SILVER STEEL SAWS

## ATKINS IDEAL SWAGES



Ideal Swage No.	Size Die Inches	Depth of Tooth Not Less Than Inches	Gauge and Thickness of Saws	Made For	List Prices Subject to Discount
0	$\frac{5}{16}$	Shallow	19 gauge and thinner	Band saws	\$37.50
00	$\frac{3}{8}$	$\frac{3}{8}$	16-17-18-19	*Band saws	37.50
1	$\frac{9}{16}$	$\frac{9}{16}$	13-14-15-16	Band and gang saws	37.50
9	$\frac{11}{16}$	$\frac{11}{16}$	12-13-14-15	Band saws	45.00
2	$\frac{5}{8}$	$\frac{5}{8}$	8-9-10-11-12	Circular saws	45.00
5	$\frac{5}{8}$	$\frac{5}{8}$	12-13-14	Band and gang saws	45.00
3	$\frac{3}{4}$	$\frac{3}{4}$	6-7-8-9-10	Circular saws	52.50
6	$\frac{3}{4}$	$\frac{3}{4}$	11-12-13-14	†Band saws	52.50
4	$\frac{7}{8}$	$\frac{7}{8}$	14-15-16-17-18-19	‡Shingle saws	37.50
7	$\frac{9}{16}$	$\frac{9}{16}$	11-12-13-14	Circular saws	37.50
8	$\frac{9}{16}$	$\frac{9}{16}$	11-12-13-14-15-16	Cylinder saws	37.50

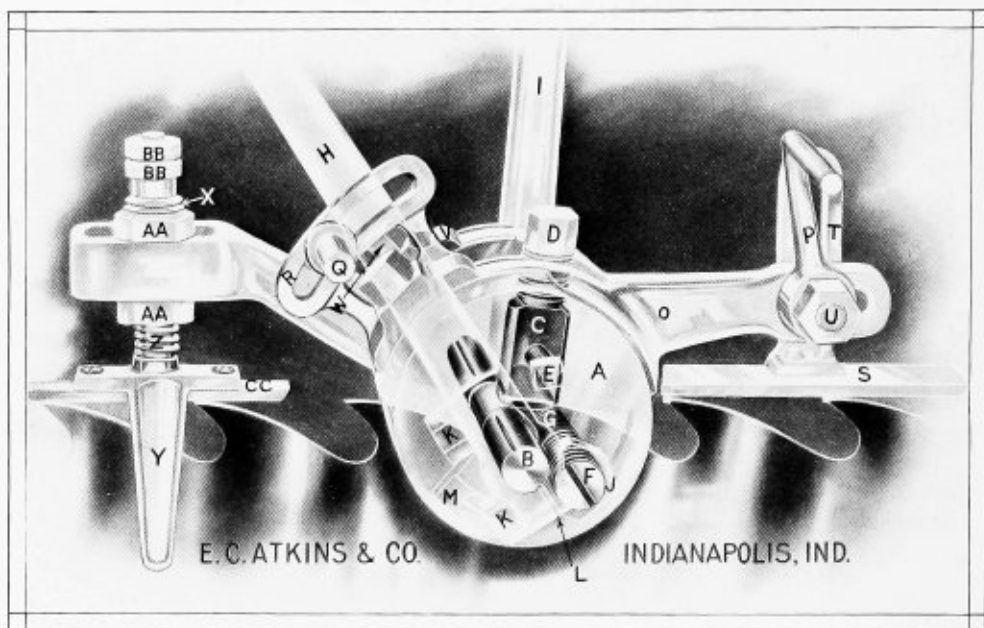
\*Also applies to shingle saws for which a special front fork is provided.

†Heavy duty swaging.

‡Edgers and lath saws.

See page 207 for net prices of duplicate parts.

ATKINS IDEAL SWAGES



INSTRUCTIONS FOR OPERATING ATKINS IDEAL SWAGE

In adjusting the swage for work: 1st. Loosen the set screws (E), screw the anvil screw (D) downward until the swaging die (B) will just pass the corner of the anvil (C), then give the screw (D) one-quarter turn more, thereby allowing the die to strike the anvil in the proper position. Tighten the set screws (E) which hold the anvil in place, and the swage is ready to be placed upon the saw. 2d. Pull the die lever (H) down so as to let the face of the anvil free for the next adjustment. Loosen the cap screw (W) and nut (U) to let the block (A) move freely in the saddle (O). 3d. Set the swage on the tooth to be swaged and roll the block back and forth until the anvil seats itself squarely on the back of the tooth. Carefully turn the swaging die (B) with lever (H) until you feel it take hold of the front of the tooth. 4th. Tighten the clamping screw (G) slightly with lever (I), just enough to hold the block in position. Then see that the front rest (Y) is on the teeth, and tighten the cap screw (W). Bring the back rest (T) down until it, too, rests squarely on the teeth, and make it secure with nut (U). Slide the opening stop (P) up against the lever (H) and tighten in place, and the swage is ready to operate. 5th. Clamp the swage securely with lever (I). Pull the lever (H) forward until the die (B) lays against the anvil, then set the finishing stop (Q) about one-quarter inch farther along to allow for a little spring in the lever (H). Unclamp the swage and remove it from the saw. Examine the tooth swaged and if it is spread too wide, adjust the stop (P) a little closer to the lever (H), making the stroke shorter and not allowing the die to take quite as big a bite on the tooth. But if it is not quite wide enough, set the stop (P) a little farther away from lever (H), making a longer stroke and bigger bite. In carefully adjusting the stops in this manner, any amount of swage can be obtained with as little loss of metal as possible.

The SPRING (Z) is for the purpose of allowing the block (A) to tip slightly forward as the tooth is being swaged, thus rolling the metal to the point and keeping the original hook in the tooth. The KEY (L) in the slot of the die lever (H) allows the die (B) to be shifted lengthwise to a new wearing face without readjusting the stops (Q, P) or the block (A), thereby making it possible to take advantage of the many wearing faces on the die without any extra adjustment. The DIE (B) which is made extra large, is by far the longest life die in any swage yet in use. It is made of the best selected tool steel with a special temper. It has four swaging corners of five wearing faces each, making twenty wearing faces in all, and can be replaced easily without readjusting the swage. The LEVER (H) is bent so as to throw the pressure exerted while swaging central, and to keep the swage from twisting and binding, also making it easy to move the swage from one tooth to another without removing the hands from the levers, thus making the changes rapid and easy to accomplish.

# ATKINS SILVER STEEL SAWS

## ATKINS NEW IDEAL SWAGE PARTS

NET PRICES OF PARTS FOR ATKINS IDEAL SWAGES

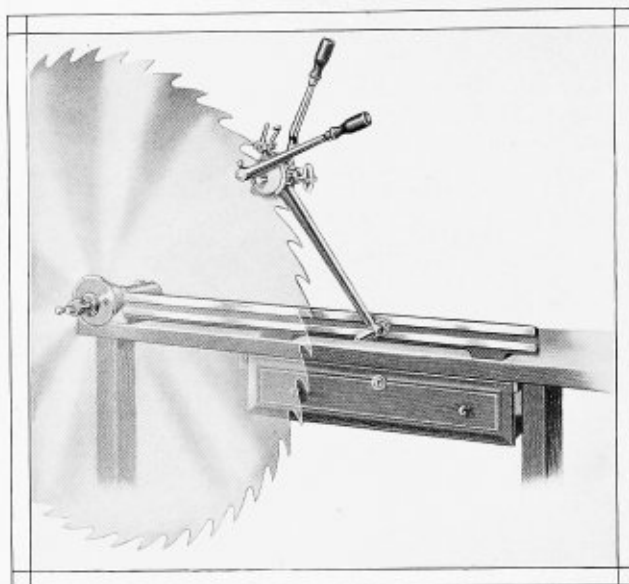
Stock Letter	Description	Swage Nos. 0, 00, 1 and 9 Net Each	Stock Letter	Description	Swage Nos. 0, 00, 1 and 9 Net Each
A	Block .....	\$12.00	R	Bracket for "Q" .....	\$1.00
B	Die (for No. 00, 0 & 1) .....	2.00	S	Bushings (2) .....	1.50
B	Die (for No. 9 only) .....	2.25	T	Rear Rest .....	.75
C	Anvil .....	1.00	TT	Plate for "T" .....	.50
D	Anvil Screw .....	1.00	U	Stud for "T," including Nuts .....	.50
E	Anvil Set Screws (2) .....	.25	V	Saddle Cap .....	.75
F	Stationary Clamp Screw .....	1.00	W	Cap Screws for "O" (2) .....	.10
G	Movable Clamp Screw .....	1.00	X	Sleeve .....	.50
H	Die Lever (complete) .....	2.00	Y	Front Fork .....	1.00
I	Clamping Lever (complete) .....	2.00	Z	Spring for "Y" .....	.15
J	Lock Nut for "F" .....	.25	AA	Lock Nuts for "X" (2) .....	.25
K	Cap Screws for "H" (2) .....	.15	BB	Lock Nuts for "Y" (2) .....	.25
L	Key for "H" .....	.50	CC	Plate for "Y" .....	.50
M	Lock for "H" .....	.25	II	Button-Head Screws(2) .....	.10
N	Set Screw for "I" .....	.10	JJ	Indicator .....	.50
O	Saddle .....	3.00	KK	Ferrules (2) .....	.10
P	Die Opening Stop .....	.50	LL	Wood Handles .....	.25
Q	Die Finishing Stop .....	.50	MM	Wrench .....	.75

Stock Letter	Description	Swage Nos. 2 and 5 Net Each	Swage Nos. 3 and 6 Net Each	Swage No. 4 Net Each	Swage No. 7 Net Each	Swage No. 8 Net Each
A	Block .....	\$13.00	\$14.00	\$12.00	\$12.00	\$12.00
B	Die .....	2.00	2.50	2.00	2.00	2.00
C	Anvil .....	1.00	1.00	1.00	1.00	1.00
D	Anvil Screw .....	1.00	1.00	1.00	1.00	1.00
E	Anvil Set Screws (2) .....	.25	.35	.25	.25	.25
F	Stationary Clamp Screw .....	1.00	1.00	1.00	1.00	1.00
G	Movable Clamp Screw .....	1.00	1.00	1.00	1.00	1.00
H	Die Lever (complete) .....	2.50	3.00	2.00	2.00	2.00
I	Clamping Lever (complete) .....	2.00	2.50	2.00	2.00	2.00
J	Lock Nut for "F" .....	.25	.25	.25	.25	.25
K	Cap Screws for "H" (2) .....	.20	.25	.15	.15	.15
L	Key for "H" .....	.50	.50	.50	.50	.50
M	Lock for "H" .....	.25	.25	.25	.25	.25
N	Set Screw for "I" .....	.10	.10	.10	.10	.10
O	Saddle .....	3.00	4.00	2.00	2.50	3.00
P	Die Opening Stop .....	.50	.50	.50	.50	.50
Q	Die Finishing Stop .....	.50	.50	.50	.50	.50
R	Bracket for "Q" .....	.75	1.00	.75	.50	1.00
S	Bushings (2) .....	1.50	1.50	1.50	1.50	1.50
T	Rear Rest .....	.75	.75	.....	.75	.....
U	Stud for "T" .....	.75	1.00	.....	.75	.....
V	Saddle Cap .....	.75	1.00	.75	.75	.75
W	Cap Screws for "O" (2) .....	.10	.10	.10	.10	.10
X	Sleeve .....	.50	.50	.50	.50	.....
Y	Front Fork .....	1.50	1.50	1.25	1.25	1.00
Z	Spring for "Y" .....	.20	.25	.25	.15	.....
AA	Lock Nuts for "X" (2) .....	.25	.25	.25	.25	.....
BB	Lock Nuts for "Y" (2) .....	.35	.40	.25	.25	.25
CC	Plate for "Y" .....	.60	.60	.50	.50	.50
DD	Rivet .....	.10	.10	.10	.10	.10
EE	Adjusting Screws for "CC" (2) .....	.15	.15	.15	.15	.15
FF	Collar .....	.25	.25	.....	.25	.....
GG	Lock Nut for "U" .....	.15	.15	.....	.15	.....
HH	Lock Nut for "P" .....	.10	.10	.....	.10	.....
II	Button-Head Screws (2) .....	.10	.10	.10	.10	.10
JJ	Indicator .....	.50	.50	.....	.50	.....
KK	Ferrules (2) .....	.10	.10	.10	.10	.10
LL	Wood Handles .....	.25	.25	.25	.25	.25
MM	Wrench .....	1.00	1.25	.75	.75	.75
NN	Front Fork Rest Swivel for Cyl. Saws .....	.....	.....	.....	.....	.75
OO	Cap Screws for "P" .....	.....	.....	.....	.....	.10
TT	Plate for "T" .....	.50	.50	.....	.....	.....

Items not priced are not required.

N. B. In ordering Parts be sure and give the Swage Style Number and also the Stock Letter of the Part required. See illustration on previous page.

**ATKINS IDEAL SWAGES  
WITH BENCH ATTACHMENT**



For greater convenience, economy and the execution of more perfect work, we supply the Ideal Swage for circular saws, with a bench attachment.

The construction is shown very plainly in the accompanying illustration.

It may be fastened to any ordinary bench. It is equipped with a cone attachment which will accommodate any size of hole.

The Atkins Ideal Swage with bench attachment is operated by moving the supporting bar to the right or left until in perfect alignment with the swage, after which, the swage may be operated in the regular way by moving the saw forward after each tooth is swaged.

The attachment assists in jointing the teeth of uniform length, furnishes a convenient and economical appliance and is much easier on the operator, enabling him to do his work with greater speed.

We furnish a jointer which can be used in connection with any of the swages and bench attachments. Also a combined jointer and side file for use in the same manner. With these tools a saw can be fitted to perfection in all particulars and with the greatest facility.

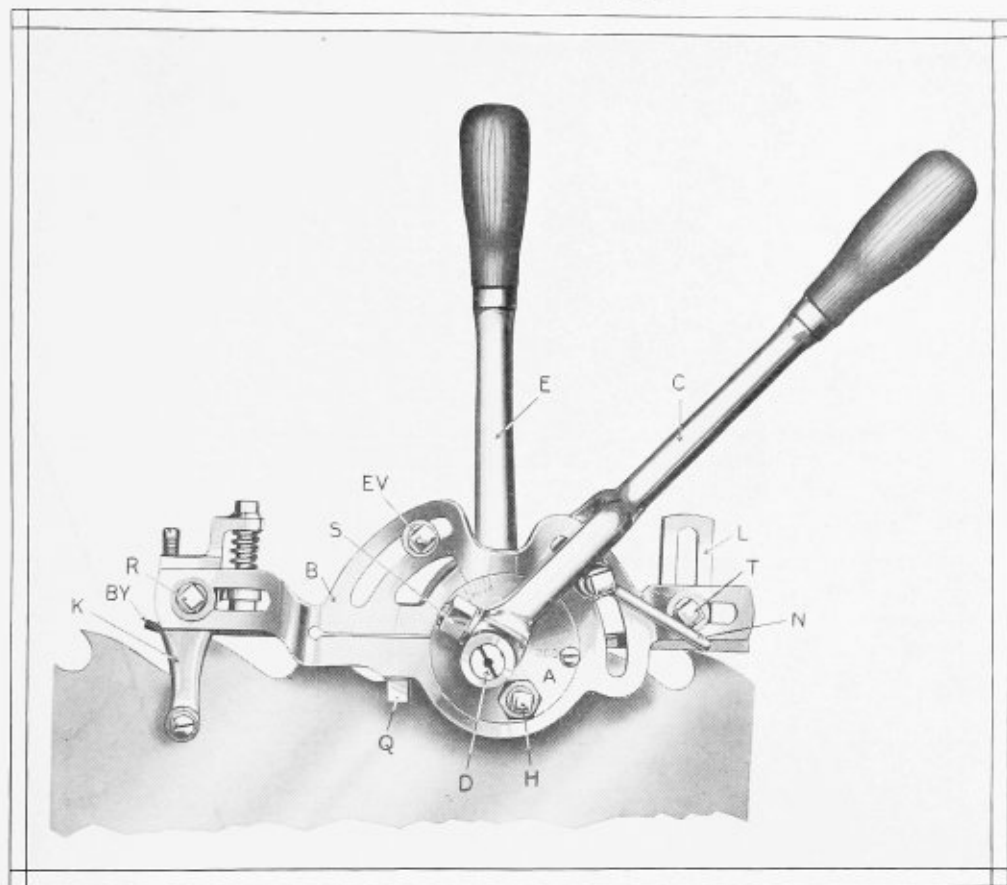
**IDEAL SWAGES WITH BENCH ATTACHMENTS**

Swage No.	Description	Weight, Pounds	Price, Each
2	Complete, with bench attachment . . . .	46 $\frac{3}{4}$	\$50.25
3	Complete, with bench attachment . . . .	54 $\frac{1}{2}$	57.75
4	Complete, with bench attachment . . . .	42 $\frac{1}{4}$	42.75
7	Complete, with bench attachment . . . .	44 $\frac{1}{4}$	42.75
.....	Bench attachment only . . . . .	35	7.50
.....	Jointer attachment only . . . . .	....	5.70
.....	Jointer and side file combined . . . . .	....	11.40



THE PRIBNOW LATEST IMPROVED PATENT SWAGE

PATENTED JANUARY 30, 1912



**FORKED DIE-LEVER PATTERN**

This pattern of swage has proved its merits in the past, still this late design has a number of new features which are worthy of special notice.

The grip-bolts (S) in the forked die-lever (C) regulate the end play and rotary adjustment of the die. The die (D) is reversible, has perfect support and the largest possible wearing surface.

The head (A) is carbonized and hardened, which affords superior wearing qualities, and is guaranteed not to break.

The anvil (F) is made a flat shape and fits into a slot through the top of the head which strikes the die at such an angle that the working corner always points toward the center of the die; thus it makes no difference what size the die center is, the adjustment remains the same.

The one-piece guide frame (B) carries the front tooth rest (BY) and rear tooth rest (L), also front and rear die-lever stops (EV) and (N); and is so mounted on the head that the working corner of the anvil (F) is the pivot, thus moving the head in the frame and adjusting the anvil for the back of the tooth to give more or less pitch, without interfering with other adjustments.

All screw heads are hardened to stand the wear and are of uniform size to fit the wrench furnished. The swages are nicely finished and nickel-plated.

**THE ROLLER-DIE PATTERN**

This differs from the Solid Die Pattern only in the construction of the die. The roller-die is mounted in a pair of eccentric die-holders and rolls the steel from the base of the tooth toward the point, producing a perfect tooth.

**SUGGESTIONS FOR ORDERING SWAGES**

In ordering swages the following suggestions should be observed: State gauge of saw; space of teeth; send tracing of several teeth if possible. Also state whether right or left hand thread on clamping screw is desired. Saw points may be classed as "Slim," "Medium" and "Blunt." The standard is medium (45°) and all swages are shipped adjusted for standard tooth unless otherwise specified.

# ATKINS SILVER STEEL SAWS

## THE PRIBNOW LATEST IMPROVED PATENT SWAGE

DESCRIPTION AND LIST PRICE OF THE "FORKED DIE-LEVER" PATTERN, WITH SOLID DIE

Style No.	Suitable for	Range of Gauges	Size of Die Inches	Net Weight Pounds	Shipping Weight Pounds	List Price Subject to Discount
11	Circular Saws .....	5 to 10	7 $\frac{1}{8}$	25	35	\$52.50
13	Circular and Band Saws .....	10 to 14	2 $\frac{3}{8}$	10	12	48.75
24	Circular and Band Saws .....	12 to 16	1 $\frac{3}{8}$	9 $\frac{1}{2}$	11 $\frac{1}{2}$	45.00
15	Circular and Band Saws .....	16 to 19	1 $\frac{1}{2}$	5 $\frac{1}{4}$	6 $\frac{1}{2}$	41.25
6	Circular and Band Saws .....	18 and thinner	1 $\frac{1}{8}$	3 $\frac{1}{2}$	4 $\frac{1}{2}$	37.50
4G	Gang Saws (Special Short Frame).....	.....	1 $\frac{1}{8}$	9	11	45.00
14S	Cylinder Saws (Special Frame) .....	.....	1 $\frac{1}{8}$	9	11	45.00

### ROLLER-DIE STYLE

17	Circular and Band Saws.....	10 to 14	.....	10	12	48.75
18	Circular and Band Saws.....	12 to 16	.....	9 $\frac{1}{2}$	11 $\frac{1}{2}$	45.00
19	Circular and Band Saws.....	16 to 19	.....	5 $\frac{1}{4}$	6 $\frac{1}{2}$	41.25
16	Circular and Band Saws.....	18 to 24	.....	3 $\frac{1}{2}$	4 $\frac{1}{2}$	37.50

### NET PRICE LIST OF PARTS FOR THE PRIBNOW SWAGE COVERING THE "OLDER STYLE" AS WELL AS THE LATEST IMPROVED

Stock Letter	Description	Style Nos. 3, 13 and 17	Style Nos. 4G, 14S, 24 and 18	Style Nos. 5, 15 and 19	Style Nos. 6 and 16
A	Head with Hardened Bearings.....	\$10.00	\$10.00	\$8.00	\$8.00
B	Guide Frame .....	4.00	4.00	3.00	2.00
C	Die-Lever .....	3.50	3.00	2.50	1.50
D	Die, Mild Eccentric.....	2.00	1.75	1.50	1.00
DD	Die, Medium Eccentric.....	2.00	1.75	1.50	1.00
DDD	Die, Deep Eccentric.....	2.00	1.75	1.50	1.00
E	Clamping Lever.....	1.50	1.25	1.00	.50
F	Anvil, Double-ended, marked "1 and 2" or "3 and 4".....	.....	.75	.75	.50
G	Clamping Screw, Right or Left Hand .....	1.00	1.00	.75	.50
H	Stationary Clamping Screw, Right or Left Hand.....	.75	.75	.75	.50
I	Anvil Adjusting Screw.....	.50	.50	.40	.30
J	Anvil Set Screw .....	.25	.25	.20	.15
K	Front Guide Complete .....	3.00	3.00	2.50	2.00
L	Rear Tooth Rest for Circular and Band Saws.....	.75	.75	.50	.50
LG	Rear Tooth Rest for Gang Saws.....	.....	1.25	.....	.....
LS	Rear Tooth Rest for Cylinder Saws .....	.....	1.25	.....	.....
M	Hardened Steel Die Bearings, per Pair.....	1.00	1.00	1.00	.75
N	Rear Die-Lever Stop Complete.....	.50	.50	.50	.50
O	Anvil Adjusting Screw Tilt .....	.50	.50	.40	.30
Q	Shoulder Bolt for "B".....	.20	.20	.20	.15
R	Shoulder Bolt for "K" and Washer .....	.20	.20	.20	.15
S	Grip Bolt for "C" and Nut, each.....	.50	.50	.40	.40
T	Shoulder Bolt for "L".....	.50	.50	.40	.30
U	Nut for "G," Right or Left Hand.....	.15	.15	.10	.10
Z	Screw for "B".....	.05	.05	.05	.05
BY	Front Tooth Rest (Steel Plate) .....	.50	.50	.40	.40
DW	Wrench to Fit All Screws.....	.60	.60	.50	.40
EV	Front Die-Lever Stop Complete.....	.50	.50	.40	.40
IR	Anvil Grinding Gauge.....	1.00	1.00	1.00	.75
YE	Bracket for Circular Saws, for use instead of Guide-Frame. Fits all Standard Bench Attachments.....	3.50	3.50	3.00	2.00

Combination gauge, 6 inch, \$2.50 net.

### ROLLER-DIE PATTERN PARTS

Stock Letter	Description	Style No. 17	Style No. 18	Style No. 19	Style No. 16
DR	Roller-Die Holders, per pair.....	\$2.50	\$2.00	\$1.50	\$1.00
WD	Roller-Dies .....	.40	.35	.30	.25

N. B.—In ordering Parts be sure to specify the Style Number of Swage, also Stock Letter of part required.

## PRIBNOW SWAGE SHAPERS

Several new features are embodied in this new shaper which are of such importance that we have adopted this line as our standard to supersede the older styles of shaper Nos. 4, 5 and 6. The important features are briefly described as follows:

The Base is made of the best machine steel and is designed to furnish the greatest strength and durability, and is guaranteed not to break.

The Tooth Gauge Holder (E) straddles the saw and holds the tooth stop exactly central over the swaged point. It is mounted on a cross slide which permits the tooth stop to free itself from the stationary jaw as soon as the clamping screw is released, thus furnishing the same advantage as the right and left hand screw and entirely overcoming the objectionable feature of the stationary jaw.

The Tooth Gauge is made in two parts, the upper part (H) lies flat on the back of the swaged point and acts as an anvil; and the lower part (I) is a straight bar, the end of which may be fitted or ground to suit the size of the swage die and clear the extreme point and also gauge the tooth from the root of the swaged portion. At the same time it prevents the distortion of the swaged point in shaping.

The tooth gauge can be removed by slightly loosening the set screw (V).

The Clamping Screw has a quick-acting double thread and works on the extreme end of the shaping jaw. This furnishes the greatest power at the required point and with the least friction.

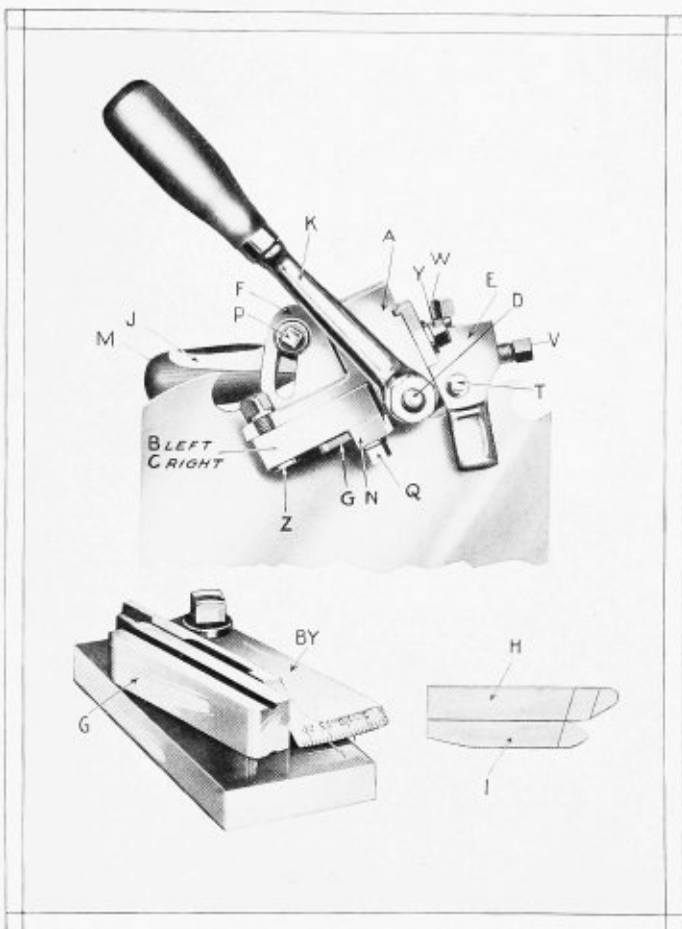
The Back Rest rests on two teeth and can be instantly adjusted for use on either band or circular saws. The shaper is so balanced that the tooth stop comes in contact with one tooth at a time only, which makes it convenient to shape short or damaged teeth.

The Shaping Jaws are mounted on a swivel bracket on which they are independently adjusted and held in place by a clamp. The entire bracket with the jaw in place can be removed from the shaper by slightly loosening pivot bolt (Z). This is valuable for inspection or for bringing a new wearing point into place. The jaws consist of straight bars without holes. This permits tempering very hard. They have eight wearing points and ample length for regrinding, thus furnishing twice the wear of any jaws ever put in a shaper.

A Grinding Gauge is furnished with each shaper which is the most complete gauge ever put out. The protractor arrangement (see BY in cut) permits the grinding of any desired bevel on the shaping jaws or tooth gauge. The double bevel as shown at G is an entirely new idea. The jaws when thus shaped make the swaged point a mild taper at the root and a greater taper at the extreme cutting point. This form affords a greater clearance and a support for some distance down the face of the tooth, which stiffens the point, chambers the sawdust, and clears the kerf for the tooth to follow.

N. B. In ordering parts, be sure and specify the Style, Number of Shaper and also the Stock Letter of the part required.

For prices see following page.



Nos. 11, 12 and 14

PRIBNOW SWAGE SHAPERS

NEW IMPROVED  
PRIBNOW PATENT  
SWAGE SHAPER

In this pattern of shaper the jaw carriers are mounted in a positive chuck movement and are moved toward and from each other by a right and left hand screw operated by a single lever. The tooth gauge and holder are also of the same general design with the added feature by which the holder can be adjusted up and down for a new wearing place in the jaws, thus utilizing the entire face of the jaws without grinding or changing the gauge of the swage.

A special curved back rest (GT) is furnished for the No. 28 shaper for use on cylinder saws.

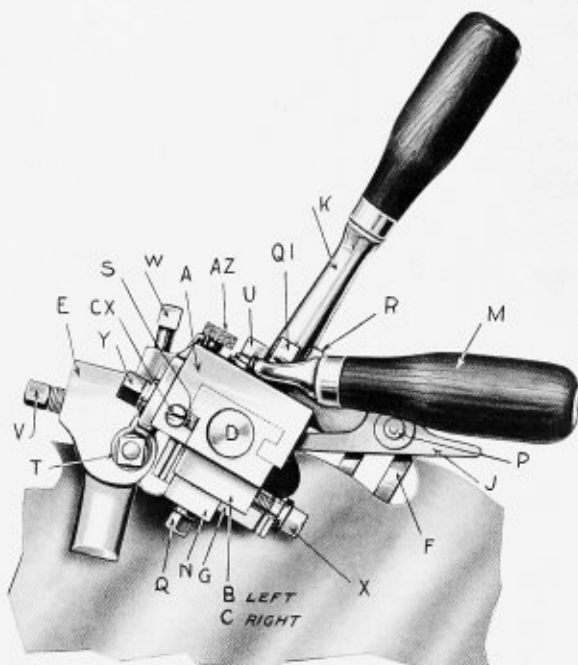
Nos. 1, 2 AND 3

These are the original styles of Pribnow Shapers. While not containing the late improvements they are very satisfactory when a simple and less expensive tool is desired.

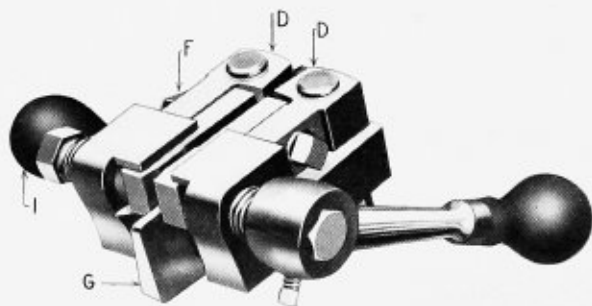
PRIBNOW SHAPERS

Pribnow Shapers do the most perfect work of any on the market.

The advantages to be obtained by the use of the Pribnow Shaper are obvious. It is the invention of an expert, and has the endorsement of experts and users of circular, gang and band saws everywhere.



Nos. 17 and 28



Nos. 1, 2 and 3

Style Number	Suitable for	Range of Gauges	Net Weight Pounds	List Prices Subject to Discount
11	Band and circular saws . . . . .	13 to 18	5 $\frac{3}{4}$	\$37.50
12	Band and circular saws . . . . .	18 and thinner	3 $\frac{1}{2}$	37.50
14	Circular and heavy band saws . . . . .	5 to 13	8	45.00
17	Circular and heavy band saws . . . . .	5 to 13	8	45.00
28	Band and circular saws . . . . .	14 to 18	6 $\frac{1}{2}$	45.00
28G	Gang saws . . . . .	14 to 18	6 $\frac{1}{2}$	45.00
28S	Cylinder saws . . . . .	14 to 18	6 $\frac{1}{2}$	45.00
1	Band and gang saws . . . . .	12 to 16	...	30.00
2	Band and gang saws . . . . .	12 to 24	...	30.00
3	Special, for wide, heavy band saws . . . . .	Extra large teeth	...	30.00

# ATKINS SILVER STEEL SAWS

## PRIBNOW SWAGE SHAPERS

### NET PRICE LIST OF PARTS

Stock Letter	Description	Style Nos. 11 and 12	Style No. 14	Style Nos. 17 and 28 7 and 8
A	Base .....	\$8.00	\$10.00	\$12.00
B	Jaw Holder, Left Hand.....	1.25	1.50	2.00
C	Jaw Holder, Right Hand.....	1.25	1.50	2.00
D	Clamping Screw, (including Nut).....	1.25	1.25	1.50
E	Tooth Gauge Holder.....	3.00	4.00	2.00
F	Jaw Holder or Back Rest Bracket.....	2.00	2.50	1.00
G	Shaping Jaws or Dies (2) per pair.....	2.00	2.00	2.00
H	Tooth Gauge, Upper.....	.65	.75	.75
I	Tooth Gauge, Lower.....	.35	.50	.50
J	Back Rest.....	.50	.75	.50
K	Clamping Lever Complete, 7 inch straight.....	1.25	1.25	1.25
L	Clamping Lever Complete, 9 inch straight or curved.....	1.50	1.50	1.50
M	Guide Handle.....	.50	.50	.50
N	Jaw Holder Clamps (2) per pair.....	.50	.50	.50
O	Stationary Clamp Screw and Nut, or Centering Block.....	.50	.50	.50
P	Collar Screw and Washer for J.....	.25	.25	.25
Q	Collar Screws for M (2) per pair.....	.25	.25	.25
R	Collar Screw for F.....	.25	.25	.25
S	Take Up Wedge.....	.....	.....	1.00
T	Tooth Gauge Supporting Bolt and Nut.....	.50	.50	.50
U	Collar Screw and Washer for O.....	.....	.....	.25
V	Tooth Gauge Adjusting Screw.....	.20	.20	.20
W	Tooth Gauge Set Screw.....	.15	.15	.15
X	Adjusting Screws for G (2) per pair.....	.25	.25	.25
Y	Collar Screws for E (2) per pair.....	.50	.50	.50
Z	Pivot Bolts for B and C (2) per pair.....	.30	.30	.30
AZ	Adjusting Screw for E.....	.....	.....	.15
BY	Grinding Gauge Complete.....	2.00	2.00	2.00
CX	Adjusting Screw for S.....	.....	.....	.25
DW	Guide Screws and Nut for E (2) per pair.....	.....	.40	.40
EV	Guide Plugs for B and C, per pair.....	.25	.25	.....
FU	Wrench to fit all Screws.....	.50	.50	.50
GT	Special Back Rest for Cylinder Saws.....	.....	.....	1.00
HS	Special Back Rest for Gang Saws, (short).....	1.00	1.00	1.00

NOTE—Parts for old style shapers Nos. 7 and 8 should be ordered by the list for Nos. 17 and 28.

### PARTS FOR PRIBNOW SHAPERS

#### Nos. 1, 2 AND 3

Stock Letter	Description	Price Each Net
A	Base Block for Shapers Nos. 1 and 3, (including P).....	\$10.00
A	Base Block for No. 2 (including B and P).....	11.00
BB	Swivel Bolts (including Nuts and Washers).....	.75
C	Tooth Gauge Bolt (including Washer).....	.15
DD	Swivels or Jaw Holders (including Set Screws).....	1.25
EE	Jaws or Dies, per pair.....	2.00
FF	Set Screws for EE.....	.10
G	Tooth Gauge (including Screw).....	1.50
H	Clamping Screw.....	1.25
I	Adjusting Screw for EE.....	.20
J	Handle (including Screw for Shapers No. 1 and No. 3).....	1.00
K	Grinding Gauge (including L and M).....	1.50
L	Clamp for K.....	.20
M	Screw for K.....	.10
N	Side Handle (wood part only).....	.20
O	Screw for N.....	.15
P	Back Guide.....	.35

N. B.—In ordering parts, be sure and specify the Style Number of shaper and also the Stock Letter of the part required.

ATKINS GUMMERS



Atkins Punch Gummer

ATKINS PUNCH GUMMER  
AND SHEAR

A very handy device for punching teeth in band and cross cut saws. We furnish dies to any specification. Will accommodate dies up to  $3\frac{1}{4}$  inches square by  $\frac{7}{8}$  inch thick.

Price, each . . . . . \$27.00

Extra punches and dies, per set . . . . . 7.00

Weight, 75 pounds

We furnish dies for shearing band saws, to be used in Atkins Gummer.

Price, per pair . . . . . 8.00



Atkins Perfection Gummer

ATKINS PERFECTION  
GUMMER

This is a very satisfactory machine for gumming all sizes of circular saws from 8 inches to 66 inches in diameter. The center hole in the saw is placed on a cone which accommodates any size of hole. A simple adjustment either lifts or lowers the blade for proper contact with the grinding wheel.

Height from floor to center of driving shaft 4 feet, 11 inches. Complete gummer includes mandrel, belt, and a  $12 \times \frac{1}{2}$  inch grinding wheel.

Price, No. 1, complete, each . . . . \$40.00

Price, No. 2, with raising device. . . . 50.00

Weight, No. 1, 240 pounds.

ATKINS SPECIALTIES

ATKINS COUNTERSHAFT

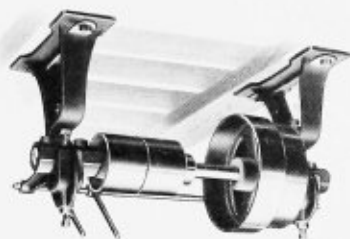
Arbor 24 inches long by  $1\frac{3}{8}$  inch diameter.

Tight and loose pulleys  $4\frac{1}{2}$  inch diameter by 3 inch face for 3 inch belt.

One two step cone pulley  $8\frac{1}{2}$  by  $7\frac{1}{2}$  with two faces for 2 inch belt.

Price.....each \$10.00

Weight, 80 pounds each.



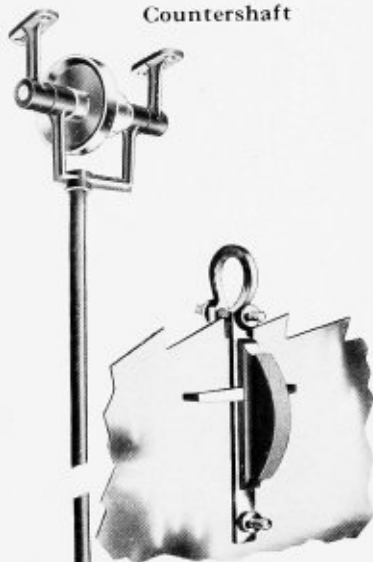
Countershaft

ATKINS SHINGLE SAW SET GAUGE

For cylinder, shingle and heading saws.

Price, nickel-plated.....each .75

Weight,  $4\frac{1}{2}$  ounces each.



Shingle Saw Set Gauge

ATKINS CYLINDER SAW GUMMER

These can be used for gumming any kind of a saw.

This illustration shows the Atkins Cylinder Saw Gummer. This gummer is adjustable, being so constructed that it can be raised or lowered, and the wheel can be operated at any desired angle while the gummer is in use.

Price.....each 20.00

Weight, each, 40 pounds, packed.

Above price includes belt and emery wheel.



Cylinder Saw Gummer

SAW GUMMERS

WARRANTED

THE "STANDARD"

Has an automatic changeable self-feed, is very simple in construction, and beyond question a superior machine.

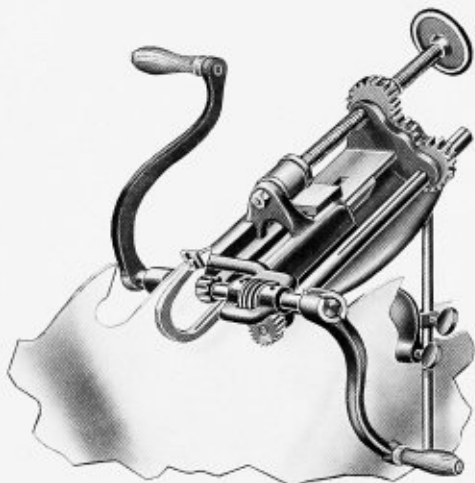
The "Standard" Saw Gummer complete, with three arbors, two cranks and wrench, with four solid cutters, any size on list, and one cutter grinder.

Price, complete ..... \$20.00

The "Standard" Saw Gummer complete, with three arbors, two cranks and wrench, with two inserted tooth cutters, any size on list, and fifty teeth.

Price, complete ..... 20.00

Weight, 33 pounds packed.



Standard Gummer

THE "IXL"

Has a changeable self-feed, but is not automatic. It is pronounced first-class by those using it, and we sell it as such. It is designed especially as a low-priced gummer; is strong and will do its work thoroughly.

The "IXL" Saw Gummer complete, with three arbors, two cranks and wrench, with three solid cutters, any size on list, and one cutter grinder.

Price, complete ..... 15.00

The "IXL" Saw Gummer complete, with three arbors, two cranks and wrench, with one inserted tooth cutter, any size on list, and fifty teeth.

Price, complete ..... 15.00

Weight, 27 pounds packed.



IXL Gummer



MIXTER PATENT CHAMPION GUMMERS

WITH AUTOMATIC SELF-FEED

No. 1 LARGE SIZE

The engraving represents Mixer's Famous Champion Gummer, No. 1, with patent adjustable automatic self-feed. It can be regulated at will to feed faster or slower, according to the work to be performed, and can be changed in an instant from self to hand-feeding.

It is self-acting, throwing out of gear when the teeth are cut to the required depth, making them of uniform length.

The Champion has the lateral or oscillating movement of the cutter, and is fully adjustable to all kinds of saws, from the largest circular to the smallest in general use; also mill and cross cut saws. The line of the teeth can be cut at any angle desired from horizontal to perpendicular. It cuts very rapidly, and with no risk of bending, breaking or case hardening the saw.

Weight, 24 pounds, packed.

No. 1 Patent Automatic Self-Feeding Gummer, including three cutters (usual size,  $\frac{3}{4}$ ,  $\frac{7}{8}$  and 1 inch) grinder and wrench ..... \$25.00

Extra arbors for  $\frac{3}{8}$ ,  $\frac{1}{2}$  and  $\frac{5}{8}$  inch cutter for No. 1 Champion Gummers, net..... 2.00

No. 2 SMALL SIZE

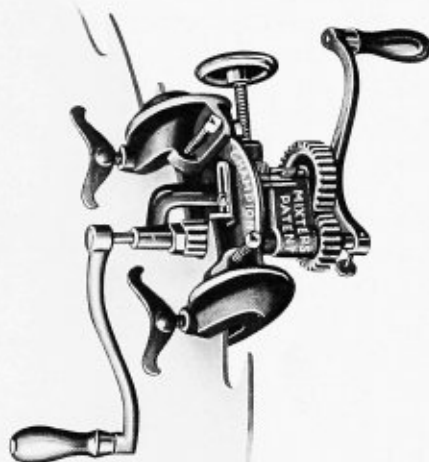
The engraving represents the No. 2 Patent Self-Feed Champion Gummer in position to gum mill saws or cross cut saws.

This size is especially adapted for cross cut saws, and small and medium circular saws, etc. Shingle mills, planing mills, sash, door and blind factories, wagon and carriage, pattern and furniture shops, all need this gummer. It is also especially handy for lumbermen to carry in the woods for gumming cross cut saws. It will soon pay its cost in saving of time and files.

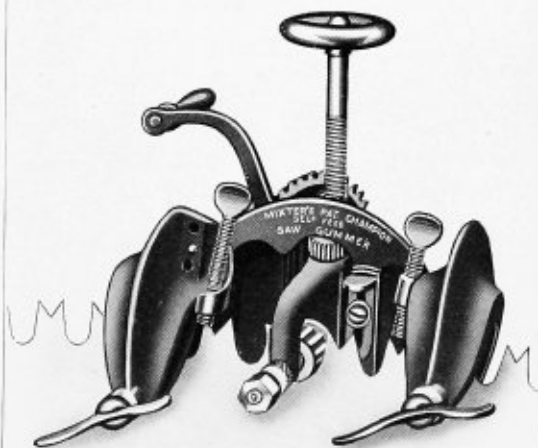
The small size Champion has all the improvements and advantages of the large size Champion Automatic Self-Feed Gummer. Full directions sent with each.

Weight, boxed, 22 pounds.

No. 2 Mixer Patent Automatic Self-Feeding Champion Gummer, including three cutters  $\frac{3}{8}$ ,  $\frac{1}{2}$  and  $\frac{5}{8}$  inch, grinder and wrench..... \$25.00  
 Extra arbor for  $\frac{3}{8}$  inch cutter for No. 2 Champion Gummers, net ..... 1.50



No. 1 Large Size



In Position for Gumming Mill and Cross Cut Saws

## ATKINS SPECIALTIES



**Gummer Cutters**



**Emery Wheel Dresser**

### AAA AND XX GUMMER CUTTERS

For Mixer's Standard, I. X. L., Boss and Disston's Gummers. When ordering give make of gummer.

Size .....	inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Weight, each .....	ounces	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	2	$2\frac{1}{2}$	$3\frac{1}{2}$	$5\frac{1}{4}$	$7\frac{1}{4}$
Price .....	each	\$ .50	\$ .50	\$ .50	\$ .60	\$ .70	\$ .80	\$ .90	\$1.00	\$1.25	\$1.75

### STONE'S GUMMER CUTTERS

Size .....	inches	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Price .....	each	\$ .50	\$ .50	\$ .75	\$1.00	\$1.25	\$1.50

Approximate weight,  $\frac{1}{2}$  pound, each.

### STAR GUMMER CUTTERS

Size .....	inches	$\frac{3}{4}$	$\frac{7}{8}$	1
Price .....	each	\$ .55	\$ .60	\$ .65

Approximate weight,  $\frac{3}{4}$  pound, per dozen.

NOTE—In ordering cutters, be sure and give size of hole, as well as size of cutter required, or you can send us an impression of one end of cutter on paper. Be particular to state what gummer they are to be used in.

### HUNTINGTON EMERY WHEEL DRESSERS

For turning, shaping, sharpening and removing glaze from solid emery wheels, running at full speed.

Price .....	each	\$ .75
Price, cutters .....	per set	.15

Weight, complete,  $1\frac{5}{8}$  pounds, each; cutters, only  $\frac{7}{8}$  pound, per dozen.

### IMPROVED CUTTER GRINDERS

Grinds cutters perfectly round and true. We give a grinder free with each gummer.

Price .....	each	\$1.00
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Weight,  $1\frac{3}{8}$  pounds, each.

ATKINS GRINDERS

ATKINS "AA" GRINDER

Diameter of pulley, 3 inches.  
Face of pulley,  $2\frac{3}{8}$  inches.  
Will carry wheel 10 inches in diameter,  $1\frac{1}{4}$  inch face.

Price, each . . . . . \$8.00

Weight, 46 pounds net.

ATKINS  
"AAA" GRINDER

Same pattern as "AA" but larger and designed for heavier work. Diameter of pulley,  $3\frac{1}{4}$  inches. Face of pulley,  $2\frac{1}{2}$  inches. Will carry wheel 14 inches in diameter,  $1\frac{1}{2}$  inch face.

Price, each . . . . . 12.00

Weight, 65 pounds net.

ATKINS GRINDER, No. 2

Carries one  $8 \times 1\frac{1}{2}$  inch straight and one  $8 \times 1\frac{1}{2}$  inch cup wheel.

Price with rest and safety hoods. . . . . 8.50

Protractor additional. . . . . 4.50

Extra wheel mounts, net each. . . . . 1.00

Send for circular giving full description and prices on larger sizes.

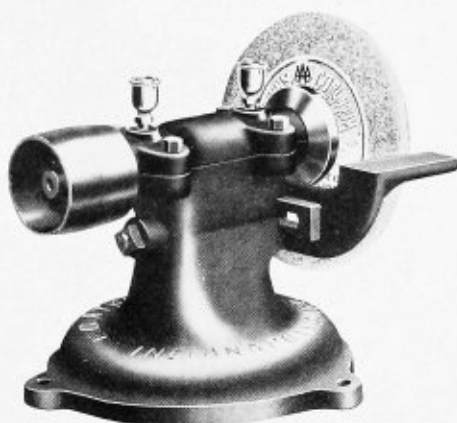
ATKINS DOUBLE END GRINDER, No. 5

Will carry two wheels,  $12 \times 1\frac{1}{2}$  inches or smaller. Equipped with tight and loose pulleys. Two adjustable rests. Babbitted bearings and brass oil cups. Four cap screws to each bearing. Height from base to center of arbor,  $8\frac{1}{2}$  inches. Distance between wheels,  $14\frac{3}{4}$  inches. Length of bearings, 4 inches. Length of arbor, 21 inches. Diameter of arbor in bearings,  $1\frac{1}{8}$  inches. Diameter of arbor between collars, 1 inch. Size of pulleys,  $3 \times 2\frac{1}{2}$  inches.

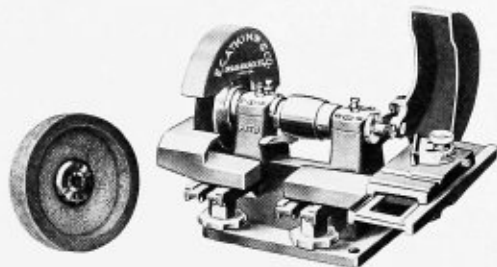
Price, each . . . . . 12.50

Weight, 65 pounds.

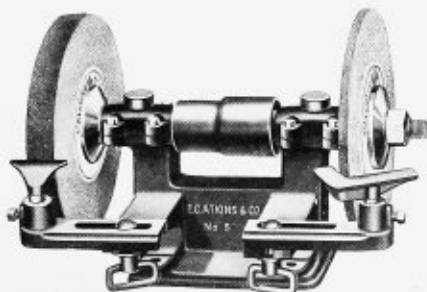
Above prices do not include wheels.



"AA" Grinder



No. 2

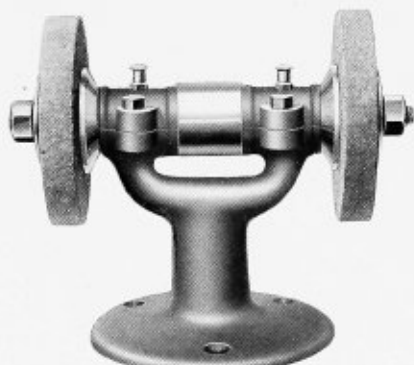


No. 5

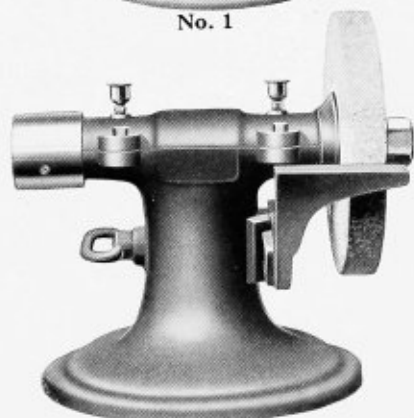
**ATKINS GRINDERS**

**ATKINS No. 1 GRINDER**

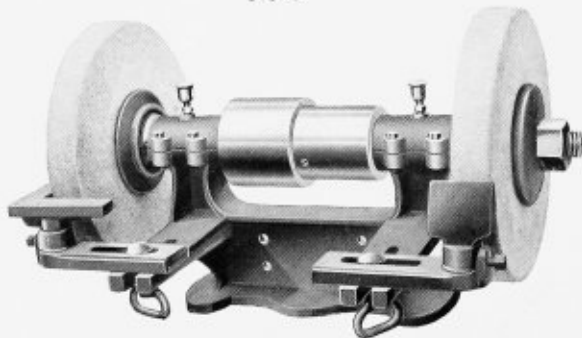
The illustration below shows this grinder without tool rest. It is designed for jewelers, dentists, repair shops or any light grinding. Will carry two wheels 6x1 inch or smaller. A taper spindle can be instantly attached for buffing and polishing. Adjustable babbitted bearings, nickel-plated spring cap oil cups. Height from base to center of arbor, 5½ inches. Distance between wheels, 6 inches. Length of bearings, 1⅞ inches. Length of arbor, 9½ inches. Diameter of arbor in bearings, ⅞ inch. Diameter of arbor between flanges, ½ inch. Size of pulley, 1⅝x1½ inches.



**No. 1**



**No. 3**



**No. 7**

Price..... each \$5.00  
 Price, each, including  
 tool rest..... 6.25  
 Weight, 10 pounds.

**ATKINS No. 3 GRINDER**

For saw gumming and wood-working plants. Will carry a 12x1¼ inch wheel or smaller. Adjustable rest, babbitted bearings, brass oil cups. Height from base to center of arbor, 9 inches. Length of bearings, 3 inches. Length of arbor, 14¾ inches. Diameter of arbor in bearings, 1⅞ inches. Diameter of arbor between flanges, 1 inch. Size of pulley, 3x2½ inches. Diameter of base, 12 inches.

Price..... each 10.00  
 Weight, 44½ pounds.

**ATKINS No. 7C GRINDER**

This grinder will carry two wheels, 18x2 inches, or smaller. Equipped with adjustable babbitted bearings, two adjustable rests, brass oil cups and cone pulley. Single tight pulley if desired. 16x20 tool shelf; 8x6 water pot; wheel guards, 4x½ inches. Height from floor to center of arbor, 37¼ inches. Length of bearings, 4¾ inches. Distance between wheels, 21 inches. Length of arbor, 31 inches. Diameter of arbor in bearings, 1⅞ inches. Diameter of arbor between flanges, 1½ inches. Size of cone pulley, 8½x4¼x5½. Diameter of base, 21 inches.

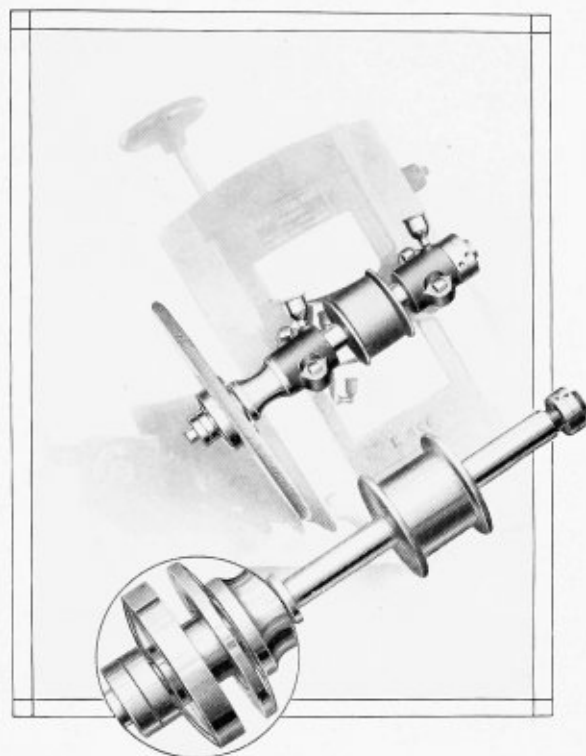
Price..... each 47.00  
 Weight of column, 125 pounds.  
 Weight complete, 365 pounds.

**ATKINS No. 7 GRINDER**

Price, without column,  
 tool shelf, water pot,  
 or wheel guards.... 18.00  
 Weight, 130 pounds.

ATKINS AAA SLIDING SLEEVE ARBOR

(PATENTED SEPTEMBER 23, 1913)



AAA Sliding Sleeve Arbor is for use on automatic saw sharpening machines. It satisfactorily overcomes the "burning" of saw teeth, which hardens the metal, renders the tooth brittle, causes it to crumble in the cut and become impossible to properly swage.

The above illustration shows the arbor in position.

Should the feed finger fail to bring the tooth up to the correct position, the lower spring releases the grinding wheel sufficiently to prevent burning. If the feed finger brings the tooth up to position too quickly, the upper spring releases the grinding wheel, thus preventing injury to the tooth.

This device insures the proper finish to both the face and back of the tooth, no matter how irregular the feed of the machinery may be.

The upper or inside spring may be removed and the hub, holding grinding wheel, adjusted to any desired distance from the stationary collar, thus giving an automatic grinding action, or this hub may be placed against this collar, thus giving a stationary grind on back of tooth.

The lower spring is held in place by two small jam nuts which regulate the pressure on the spring.

At no time will the wheel grind into the face or back of the tooth so as to injure it. After adjusting, its work will require no supervision from the filer, as there is no possibility of injuring the saw teeth.

Furnished complete with all attachments and wrenches for adjusting the collar to any standard automatic saw sharpening or grinding machine. In ordering, give number and make of machine on which the arbor is to be used and whether right or left hand, also thickness of emery wheel.

Price, each.....	\$30.00
Weight, each.....	14 pounds

ATKINS *SILVER STEEL* SAWS

ATKINS AAA CORUNDUM WHEELS

"A Few Standard Shapes of  
AAA Corundum Wheels"



# ATKINS SILVER STEEL SAWS

## ALOXITE, CORUNDUM AND EMERY WHEELS STANDARD PRICE LIST

Always give diameter of wheel, thickness, size of hole, shape of face and for what purpose used.

Diameter	THICKNESS OF WHEELS IN INCHES												Diameter									
	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/2		4								
1	\$ .40	\$ .50	\$ .60	\$ .70	\$ .80	\$ .95	\$ 1.05	\$ 1.15	\$ 1.25	\$ 1.35	\$ 1.45	\$ 1.55	\$ 1.70	\$ 1.80	\$ 1.90	\$ 2.00	1					
2	.60	.75	.90	1.00	1.15	1.30	1.45	1.60	1.75	1.85	2.00	2.15	2.30	2.40	2.55	2.70	2					
3	.80	1.00	1.20	1.45	1.65	1.85	2.10	2.30	2.50	2.70	2.95	3.15	3.35	3.55	3.80	4.00	3					
4	1.10	1.40	1.65	1.95	2.25	2.55	2.80	3.10	3.40	3.70	4.00	4.25	4.55	4.80	5.10	5.40	4					
5	1.50	1.90	2.25	2.65	3.00	3.40	3.80	4.15	4.55	4.90	5.30	5.70	6.05	6.40	6.80	7.20	5					
6	1.90	2.40	2.90	3.40	3.90	4.45	4.95	5.40	5.95	6.50	7.00	7.50	8.00	8.50	9.00	9.50	6					
7	2.30	2.95	3.60	4.30	4.95	5.60	6.30	6.90	7.55	8.20	8.90	9.60	10.25	10.90	11.55	12.20	7					
8	2.70	3.55	4.40	5.20	6.10	6.90	7.50	8.60	9.45	10.30	11.15	12.00	12.85	13.70	14.55	15.40	8					
9	3.10	4.15	5.20	6.30	7.40	8.40	9.50	10.60	11.65	12.70	13.75	14.80	15.90	17.00	18.05	19.10	9					
10	3.60	4.90	6.20	7.50	8.90	10.20	11.50	12.80	14.10	15.40	16.70	18.00	19.35	20.70	22.00	23.30	10					
12	4.20	6.00	7.80	9.50	11.30	13.10	14.90	16.70	18.45	20.20	22.00	23.80	25.55	27.30	29.10	30.90	12					
14	4.90	7.20	9.60	11.90	14.20	16.50	18.80	21.20	23.50	25.80	28.15	30.50	32.80	35.10	37.45	39.80	14					
16	5.70	8.70	11.60	14.60	17.60	20.50	23.50	26.50	29.45	32.40	35.35	38.30	41.30	44.30	47.25	50.20	16					
18	6.60	10.30	14.00	17.70	21.40	25.10	28.80	32.50	36.15	39.80	43.50	47.20	50.90	54.60	58.30	62.00	18					
20	7.60	12.30	16.80	21.40	25.90	30.50	35.00	39.60	44.15	48.70	53.35	58.00	62.50	67.00	71.50	76.00	20					
22	8.70	14.50	20.10	25.60	31.10	36.70	42.20	47.70	53.35	59.00	64.50	70.00	75.50	81.00	86.50	92.00	22					
24	9.90	17.00	24.00	30.60	37.30	44.00	51.00	58.00	65.00	71.00	78.00	85.00	92.00	99.00	106.00	113.00	24					
26	11.20	19.80	27.60	35.40	43.00	51.00	59.00	67.00	75.00	83.00	91.00	99.00	109.00	117.00	125.00	133.00	26					
28	12.60	22.80	31.20	40.20	49.00	58.00	67.00	76.00	85.00	94.00	102.00	111.00	120.00	129.00	139.00	148.00	28					
30	14.10	26.00	35.40	45.60	55.00	65.00	74.00	84.00	93.00	102.00	111.00	120.00	130.00	140.00	150.00	160.00	30					
32	15.70	29.50	40.20	51.60	63.00	74.00	84.00	96.00	109.00	121.00	133.00	145.00	157.00	169.00	181.00	193.00	32					
34	17.40	33.50	45.60	58.20	71.00	84.00	95.00	109.00	123.00	136.00	150.00	163.00	177.00	191.00	204.00	218.00	34					
36	19.20	38.00	51.60	65.40	79.00	94.00	109.00	124.00	139.00	154.00	169.00	183.00	198.00	213.00	228.00	243.00	36					
38	21.10	43.00	57.60	73.20	89.00	106.00	124.00	141.00	158.00	176.00	194.00	211.00	229.00	246.00	264.00	282.00	38					
40	23.10	48.50	64.80	82.20	100.00	119.00	139.00	159.00	179.00	199.00	219.00	239.00	259.00	279.00	299.00	319.00	40					
42	25.20	54.50	72.60	92.40	113.00	134.00	156.00	179.00	202.00	226.00	250.00	274.00	298.00	322.00	346.00	370.00	42					
44	27.40	61.00	81.60	104.40	127.00	150.00	174.00	200.00	228.00	251.00	274.00	299.00	323.00	347.00	371.00	395.00	44					
46	29.70	68.50	92.40	118.20	143.00	168.00	194.00	222.00	251.00	274.00	299.00	323.00	347.00	371.00	395.00	419.00	46					
48	32.10	77.00	104.40	132.60	161.00	188.00	216.00	246.00	274.00	299.00	323.00	347.00	371.00	395.00	419.00	443.00	48					
50	34.60	86.50	116.40	147.60	181.00	211.00	240.00	272.00	300.00	325.00	350.00	374.00	398.00	422.00	446.00	470.00	50					
52	37.20	96.50	130.60	165.60	201.00	234.00	266.00	298.00	328.00	353.00	378.00	402.00	426.00	450.00	474.00	498.00	52					
54	39.90	107.00	146.40	183.60	221.00	258.00	292.00	326.00	356.00	381.00	406.00	430.00	454.00	478.00	502.00	526.00	54					
56	42.70	118.50	163.80	204.60	243.00	282.00	318.00	354.00	384.00	409.00	434.00	458.00	482.00	506.00	530.00	554.00	56					
58	45.60	131.00	183.60	228.60	271.00	312.00	350.00	388.00	426.00	456.00	486.00	516.00	546.00	576.00	606.00	636.00	58					
60	48.60	144.50	206.40	256.60	301.00	342.00	382.00	422.00	462.00	492.00	522.00	552.00	582.00	612.00	642.00	672.00	60					
16	26.00	35.75	44.60	53.50	62.50	71.00	80.50	89.50	99.00	108.50	118.00	127.50	137.00	146.50	156.00	165.50	175.00	184.50	194.00	203.50	213.00	222.50

# ATKINS SILVER STEEL SAWS

## ATKINS AAA CORUNDUM WHEELS

### OUR GRADE LIST

D—Extremely soft	J—Medium soft	P—Medium hard
E	K	Q
F	L	R
G—Soft	M—Medium	S—Hard
H	N	T
I	O	U
		V—Extremely hard

The above is for the convenience of dealers, agents and those preferring to make their own grade selection. We strongly urge, however, that selection of grit and grade be left to us, when full information regarding the use of the wheel can be given.

The intermediate letters between those designated as soft, medium soft, etc., indicate so many degrees harder or softer. That is to say L is one grade or degree softer than medium; O, two degrees harder than medium, but not quite medium hard.

	Corundum		Carborundum	
	Grit	Grade	Grit	Grade
Aluminum castings .....	.....	.....	20 to 24	O to Q
Brass castings .....	.....	.....	20 to 24	O to Q
Cast iron cylinders .....	.....	.....	36 to 60	J to L
Chilled iron castings .....	.....	.....	16 to 24	O to Q
Hollow ware internal .....	.....	.....	20 to 30	O to P
Hollow ware edge .....	.....	.....	20 to 30	P to R
Paper knives .....	36	J & K	.....	.....
Planer knives .....	30 to 36	J & K	.....	.....
Moulding knives .....	30 to 60	K to M	.....	.....
Lathe and planer tools .....	24 to 36	O to P	.....	.....
Malleable iron castings .....	14 to 20	P to U	14 to 20	P to U
Milling cutters .....	46 to 60	K to M	.....	.....
Saw gumming .....	36 to 60	K to P	.....	.....
Plows, cast iron .....	.....	.....	20 to 30	P to R
Plows, steel .....	20 to 30	O to P	.....	.....

### SELECTION OF GRADES FOR DIFFERENT WORK

Conditions under which grinding wheels are used vary to such an extent that no absolute rule can be given for selecting the right grades for the work.

The kind of grinding machine, wheel speed, work speed, character of material to be ground—whether to be ground wet or dry, contact of wheel and work—whether broad or narrow—must be taken into consideration.

Different shapes of work, different kinds of metal, require different cutting edges as well when grinding as when turning; therefore, different grades and grains of wheels are required for different kinds of work.

It is more satisfactory in the majority of cases to leave this selection to the experienced manufacturer, after giving as complete detailed description as possible of the requirements.

There are no wheels so constructed that all materials can be ground equally well with one wheel.



**ALOXITE GRINDING WHEELS**

**THE STEEL CUTTING ABRASIVE**

The abrasive material for successfully grinding steel must be not only hard and sharp, but tough. These characteristics are found in Aloxite, the aluminous abrasive developed by The Carborundum Company. It is the product of the electric furnace and differs materially from other aluminous abrasives in several of its characteristics, the principal one of which is its temper. It is this temper which gives to Aloxite just the proper quality to make it the ideal steel cutting material.

In its crude form, Aloxite is taken from the electric furnace in the form of an immense compact pig, weighing several tons. This pig by means of special, powerful machinery is crushed or reduced to the grain form. The Aloxite grain then undergoes a thorough refining until every possible atom of impure matter is removed. The grains are dried, graded by sifting through a series of screens and are then ready to be made into grinding wheels, etc.

Aloxite, because of its positive purity, its hardness, sharpness and its toughness and proper temper, has been pre-eminently successful in all classes of steel grinding. It not only cuts fast, cool and clean, but it shows wonderful durability, standing up to the work with remarkable tenacity. It is these qualities that make Aloxite far superior to any other steel grinding abrasive.

**GRITS AND GRADES OF WHEELS FOR VARIOUS CLASSES OF GRINDING IN THE WOODWORKING PLANT**

In submitting the following table of grits and grades of wheels for different kinds of grinding in the woodworking plant it must be distinctly understood that the information is general. Conditions under which wheels are used vary so greatly that we do not wish present and prospective customers to accept the grading as our best recommendation for their work. If a customer orders a wheel from this table and finds that it is not accomplishing the work as he desires, we request that he write, stating in what manner the wheel fails—whether the grade is too soft or too hard, or the grit too fine or too coarse—explaining fully the nature of the material to be ground, the manner in which the work is applied to the wheel and the operating speed thereof. This data will enable us to give a wheel that will in every way conform to the needs of the customer.

It is our constant aim to supply wheels to meet all conditions required for the best and most profitable results. Every wheel is sold under a positive guarantee of economical results to its user.

	Grit	Grade	Material
Saw gumming, cross cut .....	403	K	Aloxite
Circulars (large) .....	365	K	Aloxite
Circulars (small) .....	{ 365 to 403 }	K	Aloxite
Bands .....	365	K	Aloxite
Resaws .....	403	K	Aloxite
Band saw laps .....	365	M	Aloxite
Moulding knives (hand) .....	365	M	Aloxite
Moulding knives (small) .....	{ 403 to 60 }	M	Aloxite
Planer knives (hand) .....	365	M	Aloxite
Planer knives (auto) .....	303	P	Aloxite
Hog knives .....	303	P	Aloxite
Face of band cast iron saw wheels .....	303	M	Carborundum
General purpose around mill .....	365	K	Aloxite
Carvers' tools .....	{ 80 to 150 }	K to L	Aloxite

ATKINS SIDE FILES

ADJUSTABLE No. 1

The No. 1 file is the simplest tool ever invented for the purpose. The width of the set or swaged tooth is regulated by a single set screw. The clamp for holding the file is adjustable, permitting the use of any kind of file, if one of our files made especially for them cannot be easily obtained. This tool is especially adapted for circular saws.

ADJUSTABLE No. 2

The No. 2 file is adjustable for holding any kind of file, similar to the No. 1, and by its shape is peculiarly adapted for long saws, such as band and gang saws. It can be used on blades down to two inches in width, and as wide as desired. No one who runs such saws should be without this tool. It is also preferred by some on circular saws.

No. 3 FOR BAND AND GANG SAWS

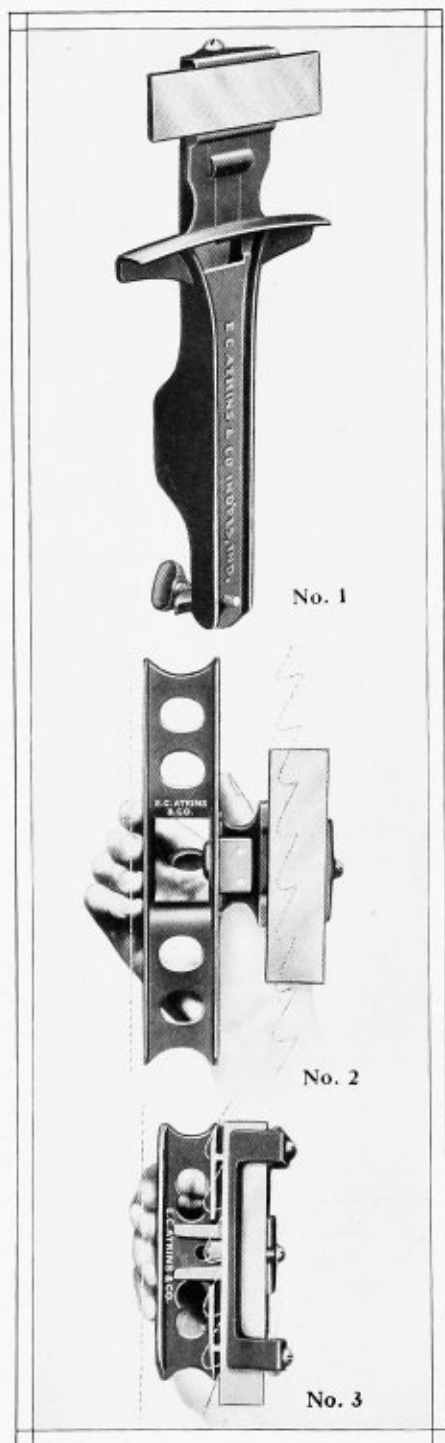
The No. 3 file is adjustable for holding 8 inch and 9 inch files, and so arranged that the file can be tilted to any desired angle. A gauge passes over the points of the teeth, bringing the file in proper position for doing the work. The No. 3 file is for all long saws. It can be used on any width of blade.

Side files are used for the purpose of regulating saw teeth after they have been set. It is impossible to set or upset a saw so that some of the teeth will not extend or be bent over a little more than others, and thus make rough lumber. By the use of these instruments all the teeth are made even; and a saw thus regulated will run twice as long without sharpening, and do much better work.

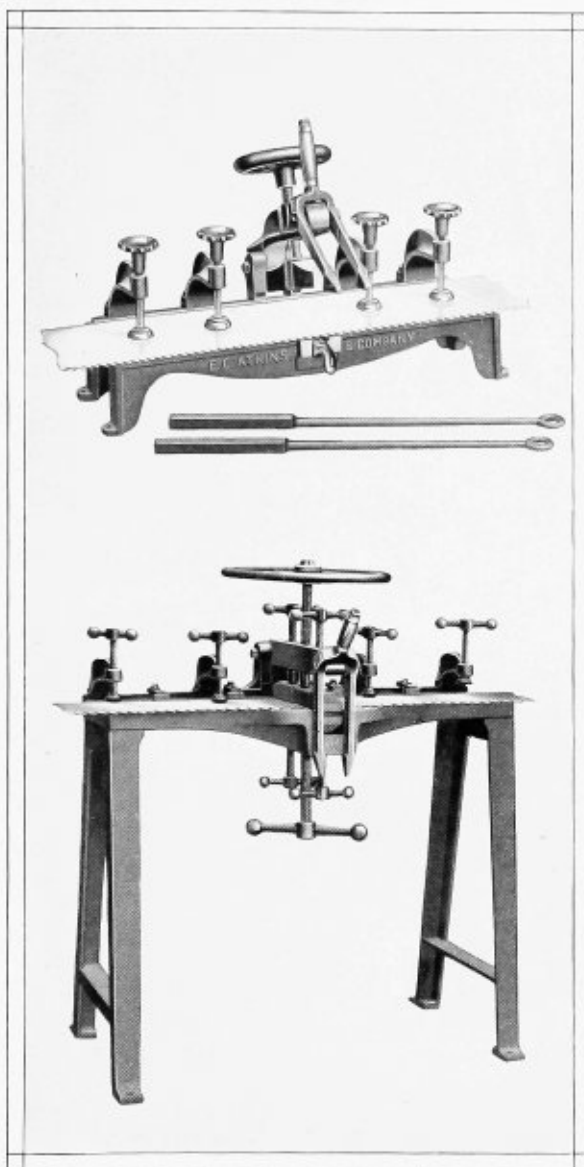
The reputation of our adjustable side files is fully established, being acknowledged as most convenient and accurate tools. No. 2 is entirely novel in its construction and adaptability. It is easily operated, and insures accurate work.

- No. 1, for circular saws. . . . . each \$1.00
- No. 2, for band, gang and circular saws. . each 1.00
- No. 3, for band saws. . . . . each 1.00
- Extra files for Nos. 1 and 2. . . . . per dozen 1.50
- Extra files for No. 3. . . . . per dozen 2.00

Weight, No. 1, 2 pounds each.  
 Weight, No. 2, 1 $\frac{3}{8}$  pounds each.  
 Weight, No. 3, 1 $\frac{3}{8}$  pounds each.



## ATKINS BRAZING TABLES



These brazing tables have been designed from practical experience in our own factory and have proved to be most effective and satisfactory.

They embody the qualities of quick adjustment, strength and durability.  
Various styles and sizes fully listed below.

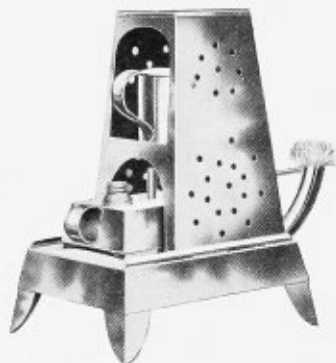
	Price	Weight
No. 1, with legs, for saws up to 12 inch . . . . .	\$90.00	600 lbs.
No. 1, without legs, for saws up to 12 inch . . . . .	75.00	325 lbs.
No. 2, with legs, for saws up to 14 inch . . . . .	105.00	450 lbs.
No. 2, without legs, for saws up to 14 inch . . . . .	90.00	325 lbs.
No. 3, with legs, for saws up to 16 inch . . . . .	132.00	500 lbs.
No. 3, without legs, for saws up to 16 inch . . . . .	109.50	450 lbs.
No. 4, without legs, for saws up to 9 inch . . . . .	37.50	285 lbs.
No. 5, without legs, for saws up to 6 inch . . . . .	20.25	150 lbs.

# ATKINS SILVER STEEL SAWS

## ATKINS BRAZING TOOLS



Silver Solder



Brazing Lamp



Brazing Clamps



Criterion Band Saw Set



Brazing Tongs

### SILVER SOLDER

The successful brazing of band saws largely depends on the solder used. We use, and keep constantly in stock, special Silver Solder that has proved to be the best adapted for brazing tempered steel.

We will furnish Silver Solder at the lowest market price, predicated on the price of silver.

### DIRECTIONS FOR USING LAMP

Use alcohol in both lamps and in the blower, having the blower about half full. Light both wicks in the lamps and place the heating lamp in position under the blower. See that the blow pipe is directed against the base of the blaze, and in a moment, as the alcohol becomes heated, the flame can be sent in any direction, and the weld quickly made. As the solder melts, spread it evenly over the surface of the saw with any pointed instrument.

Weight, 2 pounds each.

Price..... each \$4.50

### ATKINS BRAZING AND FILING CLAMPS

#### FOR BRAZING NARROW BAND SAWS

Bevel the ends of saw about one-half inch, and bind firmly together with two or three strands of very fine wire. Fasten the saw in position with the set screws in clamp; place a small piece of silver solder on the lap, and cover with powdered borax. The braze can then be made either with our alcohol lamp with automatic blower, or with the common brazing tongs. Use the half circle of clamp when filing the bevel and in finishing up braze.

Weight, 13 pounds, each.

Price..... each 3.75

### ATKINS CRITERION BAND SAW SETS

For narrow bands, carpenters' rip saws and saws with similar teeth.

Price.....per dozen 10.00

Weight, one-half dozen,  $7\frac{1}{2}$  pounds.

### BRAZING TONGS AND CLAMPS FOR BAND SAWS

#### LARGE

To braze saws from 2 to 6 inch, with clamp, weight,  $11\frac{1}{4}$  pounds each.

Price..... each 7.50

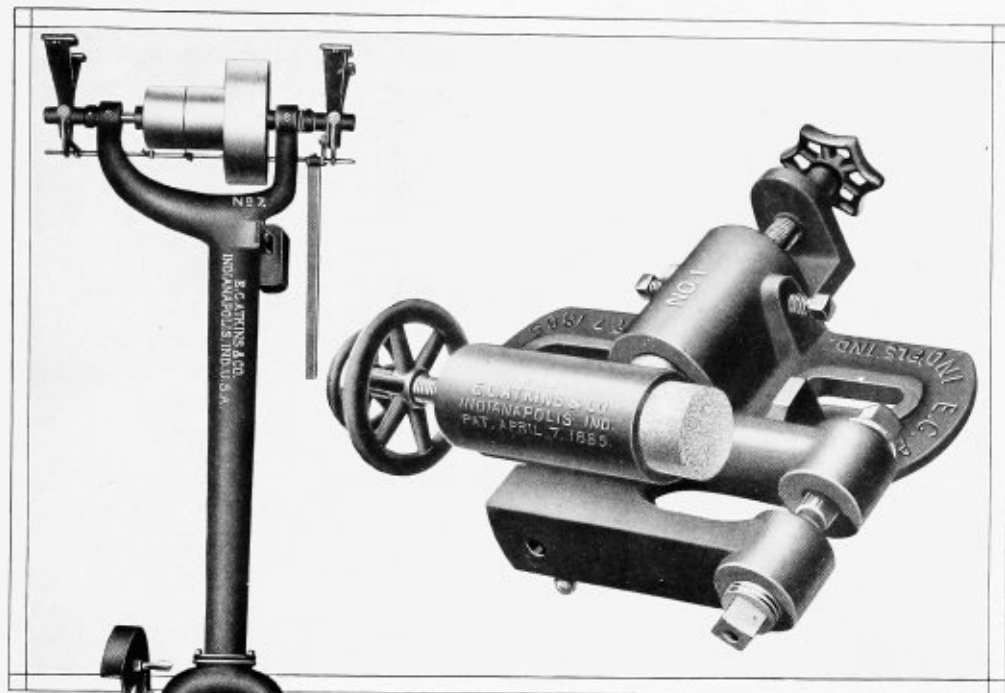
#### SMALL

For bands  $1\frac{1}{2}$  inch and smaller, no clamp, weight,  $4\frac{5}{8}$  pounds each.

Price..... each 3.00

# ATKINS SILVER STEEL SAWS

## ATKINS SPECIALTIES



Atkins Patent Combined Circular Saw Guide and Rounder

### THE GUIDE

This invention, used simply as a saw guide, has advantages which are possessed by no other guide. A glance at the accompanying engraving will make this fact apparent to every practical saw-mill man. Guide is adjustable and reversible. If the guide-pins are set at a proper distance apart to admit the rotation of the saw, the adjustment is easily accomplished without danger to the operator while the saw is in motion.

### THE ROUNDER

The "Rounder" or "Jointer" is entirely original with us, and its attachment to a saw guide a novel and valuable feature. When not in use detach the rounder by using the thumb nut. Saw teeth frequently require jointing, and no device has ever been constructed that will "round up" a circular saw so perfectly, effectually and conveniently as that which we have introduced in combination with our saw guide.

#### No. 1, FOR ORDINARY MILLS

Guide, without rounder ..... \$7.50  
 Combined guide and rounder ..... 10.00  
 Weight, guide only, 32 lbs.  
 Weight, rounder only, 6½ lbs.

#### No. 2, FOR HEAVY WORK

Guide, without rounder ..... \$10.00  
 Combined guide and rounder ..... 12.50  
 Weight, guide only, 47 lbs.  
 Weight, rounder only, 7 lbs.

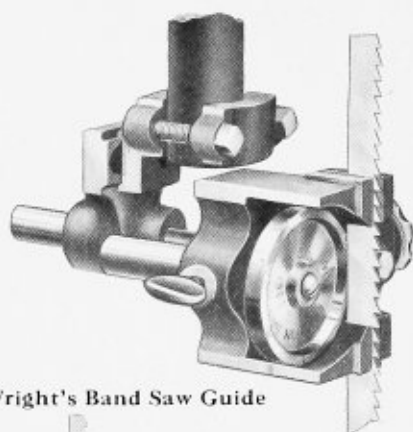
### ATKINS SWING SAWS

The frame hangs on hangers, doing away with imperfect alignment and insuring the utmost rigidity. The head is detachable, permitting of great ease in adjusting, and may be removed or re-babbitted. Countershaft and hangers of 1½ steel shafting, have an up and down adjustment, equipped with belt shifter.

Through the use of adjustable counter weight, saw may be made to hang at any angle. The saw guard will accommodate saws up to 20 inches, or to 24 inches when so specified, at extra cost. Length of frame 6 feet, tight and loose pulley 8x5 inches, drive pulley 16x5 inches, arbor pulley 5x5½ inches, size of arbor in bearing 1½ inches, size of arbor where saw goes on 1½ inches. Speed of countershaft 450 revolutions per minute, weight 400 pounds.

Price, No. 7, with saw ..... \$50.00  
 No. 3. This saw is similar to No. 7, excepting that the shaft is cast in one piece and is not detachable. List price complete with saw .. 50.00  
 Weight, 550 pounds.

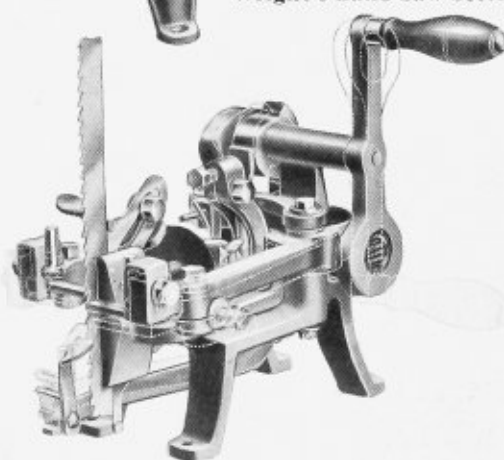
**BAND SAW GUIDE AND SETTING MACHINES**



**Wright's Band Saw Guide**



**Wright's Band Saw Setter**



**Equal Blow Setting Machine**

**WRIGHT'S NON-FRICTION  
BAND SAW GUIDE**

The saw runs against the face of a chilled steel disc, giving from 1½ to 5 inches surface bearing for the back of saws, without heating or crystallizing the blade. Its operation is fully shown in the accompanying illustration.

Price .....each \$10.00

Weight, each, packed, 8 pounds.

**WRIGHT'S BAND SAW  
SETTER**

This splendid device is designed for either power or hand motion. It has an automatic grip, positive feed, uniform set, insuring smoother cutting and longer life to the saws. We guarantee a saving of 40 per cent in time, labor and general breakage to the saw through the use of this machine. Capacity, 200 teeth per minute. Will accommodate saws from 1⅛ to ½ inches.

Price .....each 20.00

Weight, each, packed, 15¾ pounds.

**EQUAL BLOW SETTING  
MACHINE**

**FOR BAND SAW BLADES UP TO  
2 INCHES**

Sets an ordinary saw in from three to five minutes.

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

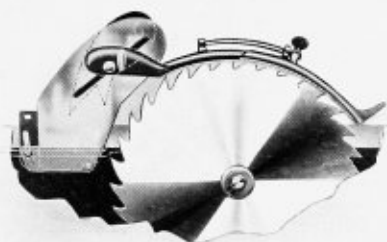
The first and only setting machine in which two teeth are set, one in either direction by two hammers which are pressed by same spring and striking with equal force at the same instant.

Price .....each 20.00

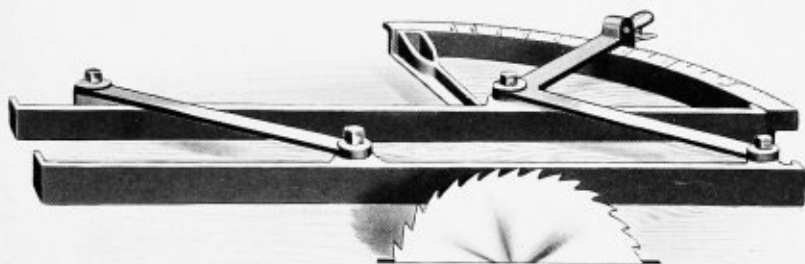
Weight, each, packed, 14½ pounds.

# ATKINS SILVER STEEL SAWS

## SAW GUARDS AND DIMENSION GAUGES



O. K. Saw Guard



Hamlet Dimension Gauge

### O. K. SAW GUARDS

Patented September 12, 1882; July 17, 1883; October 16, 1883; May 27, 1884

Here is a device that virtually prevents the possibility of those accidents which are so apt to occur in the use of small circular saws. It has saved thousands of fingers and arms and no telling how many lives. It is easily adjusted, safe and sure. No small circular saw should be used unless in connection with the O. K. Saw Guard.

Price, No. 1 adjustable to any saw 16 inches in diameter and under.....each \$6.00

Price, No. 2 adjustable to saws between 17 inches and 24 inches.....each 7.00

Weight, 6½ pounds, each.

### HAMLET DIMENSION GAUGE

This is undoubtedly one of the most effective devices that has ever been invented for dimensioning lumber. Through the use of the Hamlet Dimension Gauge, the operator is enabled not only to adhere to absolute uniformity of cut, but to make any desired change without the necessity of rule or other gauge.

The Hamlet Dimension Gauge is designed to cover a range from ¼ to 9 inches and is furnished either right or left hand.

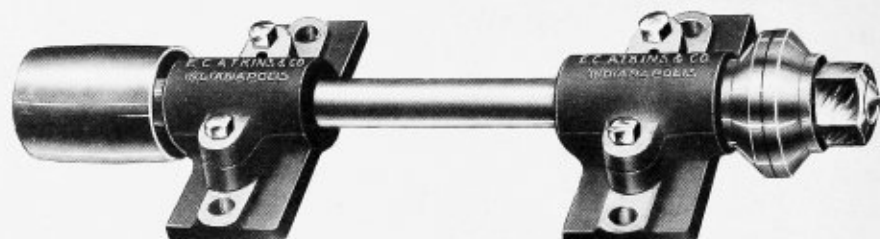
Price, right or left hand, ¼ to 9 inches capacity.....each 10.00

Weight, 29 pounds, each.

# ATKINS SILVER STEEL SAWS

## ATKINS CIRCULAR SAW MANDRELS

CAST STEEL, SELF-OILING BOXES



### PULLEY OUTSIDE BOXES

We manufacture mandrels that run absolutely true, cool, and without the slightest jar or vibration. They cost more than some other makes because the shaft is lathe-turned from the highest grade of steel.

The pulleys, cast from soft gray iron, are also lathe-turned and shrunk to the shaft, becoming practically one solid piece.

The collars and nuts are of best quality, affording perfect support to the saw or abrasive wheel. The nut may be easily tightened or loosened.

The boxes are very heavy, with wick-oiling chambers, babbitted with our celebrated Perfection Anti-Friction Metal, the weight being three or four times that used on cheaper mandrels.

These mandrels are built for results and with the idea of supplying a better article than can be bought elsewhere.

You cannot afford to economize on mandrels. Too much depends on their operation.

We fill all orders for mandrels with pulley outside of boxes, unless otherwise specified.

Prices do not include saw.

No.	Extreme Length Inches	Diameter of Arbor Inches	Diameter of Pulley Inches	Face of Pulley Inches	Diameter of Collars Inches	Size of Hole in Saw Inches	Size of Saw Inches	Weight Pounds	Price Each
1	16½	1½	3	3	3	1	10 to 12	18½	\$8.00
2	19	1½	3	3½	3	1	10 " 12	20	8.50
3	21½	1½	3	4	3½	1½	14 " 16	27½	9.50
4	24	1½	3½	4½	3½	1½	14 " 16	30½	10.75
5	26	1½	4	5	4	1¾	18	35½	12.50
6	28	1½	4½	5½	4	1¾	18	40	14.00
6½	30½	1½	5	6	4½	1¾	20 to 22	47½	16.00
7	30½	1½	5	6	4½	1¾	24 " 26	47½	16.00
8	33½	1½	5½	6½	4½	1¾	24 " 26	51½	18.00
9	37	1½	6	7	4½	1½	28 " 30	62	22.50
10	41	1½	7	8	5	1½	32 " 38	86	28.00
11	44½	1½	8	10	5	1½	32 " 38	133	33.50
12	48	1½	10	10	5	1½	32 " 38	157	40.00
13	54	2½	12	10	5	2	40 and over	.....	50.00

Mandrels with pulley outside are made with pulley on right hand side, with left hand thread, unless otherwise ordered.

### LARGER SIZES MADE TO ORDER

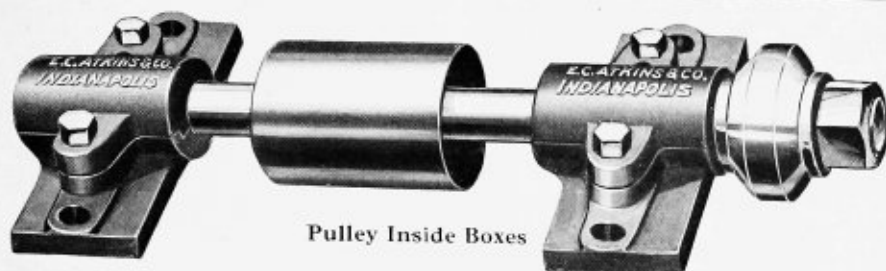
When ordering special saw mandrels, send sketch and give distance from saw to end of mandrel if the pulley is between the bearings. If the pulley is on the end of mandrel, give distance from saw to inside edge of pulley. Also, whether the pulley is on the right or left hand side of mandrel when the saw is running toward you.



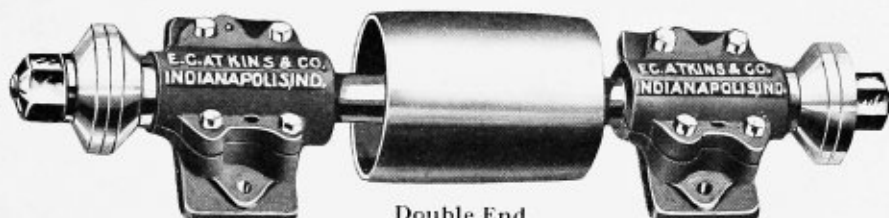
# ATKINS SILVER STEEL SAWS

## ATKINS CIRCULAR SAW MANDRELS

CAST STEEL, SELF-OILING BOXES



Pulley Inside Boxes



Double End

### PULLEY INSIDE BOXES, SINGLE END

No.	Extreme Length Inches	Diameter of Arbor Inches	Diameter of Pulley Inches	Face of Pulley Inches	Diameter of Collars Inches	Size of Hole in Saw Inches	Size of Saw Inches	Weight Pounds	Price Each
1	14	1 $\frac{1}{8}$	3	3	3	1	10 to 12	17 $\frac{1}{2}$	\$7.50
2	16	1 $\frac{1}{8}$	3	3 $\frac{1}{2}$	3	1	10 to 12	19	8.00
3	18	1 $\frac{3}{8}$	3	4	3 $\frac{1}{2}$	1 $\frac{1}{8}$	14 to 16	27	9.00
4	20	1 $\frac{3}{8}$	3 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{1}{8}$	14 to 16	29	10.00
5	22	1 $\frac{5}{8}$	4	5	4	1 $\frac{1}{4}$	18	34	11.50
6	24	1 $\frac{5}{8}$	4 $\frac{1}{2}$	5 $\frac{1}{2}$	4	1 $\frac{1}{4}$	18	38 $\frac{1}{2}$	13.00
6 $\frac{1}{2}$	26	1 $\frac{7}{8}$	5	6	4 $\frac{1}{2}$	1 $\frac{5}{8}$	20 to 22	38 $\frac{1}{2}$	14.50
7	26	1 $\frac{7}{8}$	5	6	4 $\frac{1}{2}$	1 $\frac{3}{8}$	24 to 26	47	14.50
8	28	1 $\frac{7}{8}$	5 $\frac{1}{2}$	6 $\frac{1}{2}$	4 $\frac{1}{2}$	1 $\frac{3}{8}$	24 to 26	49	16.00
9	32	1 $\frac{9}{8}$	6	7	4 $\frac{1}{2}$	1 $\frac{1}{2}$	28 to 30	60	20.00
10	36	1 $\frac{9}{8}$	7	8	5	1 $\frac{5}{8}$	32 to 38	77	26.00

### PULLEY INSIDE BOXES, DOUBLE END

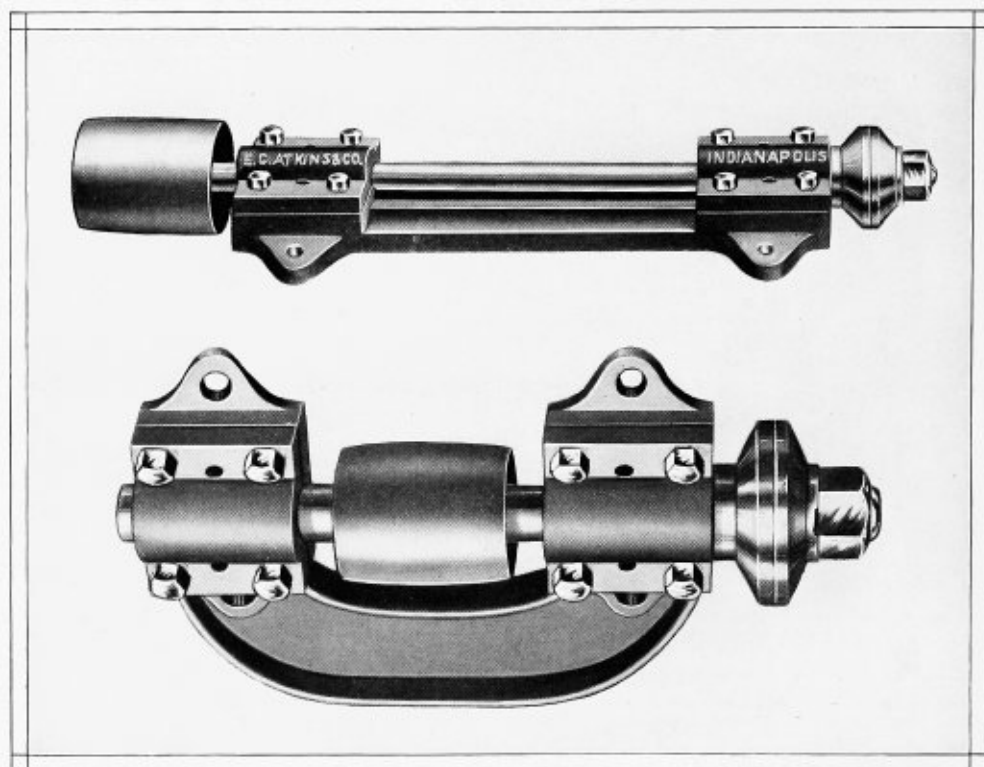
No.	Extreme Length Inches	Distance from Saw to Saw on Double Ended Mandrels Inches	Distance from Out to Out, of Boxes on Dbl. Ended Mandrels Inches	Diam. of Arbor Inches	Diam. of Pulley Inches	Face of Pulley Inches	Diam. of Collars Inches	Size of Hole in Saw Inches	Size of Saw Inches	Weight Pounds	Price Each
1	20	16	13	1 $\frac{1}{8}$	3	3	3	1	10 to 12	22	\$12.00
2	22 $\frac{1}{2}$	18	15	1 $\frac{1}{8}$	3	3 $\frac{1}{2}$	3	1	10 to 12	23 $\frac{1}{2}$	13.00
3	24	20	16	1 $\frac{3}{8}$	3	4	3 $\frac{1}{2}$	1 $\frac{1}{8}$	14 to 16	31	14.50
4	26	22	18	1 $\frac{3}{8}$	3 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{1}{8}$	14 to 16	34 $\frac{1}{2}$	16.00
5	28	23 $\frac{1}{4}$	19 $\frac{3}{4}$	1 $\frac{5}{8}$	4	5	4	1 $\frac{1}{4}$	18	41	18.00
6	30	25 $\frac{1}{4}$	21 $\frac{3}{4}$	1 $\frac{5}{8}$	4 $\frac{1}{2}$	5 $\frac{1}{2}$	4	1 $\frac{1}{4}$	18	45 $\frac{1}{2}$	20.00
6 $\frac{1}{2}$	32	26 $\frac{3}{4}$	22 $\frac{3}{4}$	1 $\frac{7}{8}$	5	6	4 $\frac{1}{2}$	1 $\frac{5}{8}$	20 to 22	45 $\frac{1}{2}$	22.00
7	32	26 $\frac{3}{4}$	22 $\frac{3}{4}$	1 $\frac{7}{8}$	5	6	4 $\frac{1}{2}$	1 $\frac{3}{8}$	24 to 26	49	22.00
8	34	28 $\frac{3}{4}$	25 $\frac{1}{2}$	1 $\frac{7}{8}$	5 $\frac{1}{2}$	6 $\frac{1}{2}$	4 $\frac{1}{2}$	1 $\frac{3}{8}$	24 to 26	59	24.00
9	38	32 $\frac{1}{2}$	27 $\frac{3}{4}$	1 $\frac{9}{8}$	6	7	4 $\frac{1}{2}$	1 $\frac{1}{2}$	28 to 30	65	29.00
10	42	36	30 $\frac{1}{2}$	1 $\frac{9}{8}$	7	8	5	1 $\frac{5}{8}$	32 to 38	75	35.00

For larger size mandrels see footnote page 232. Prices do not include saws.

# ATKINS SILVER STEEL SAWS

## ATKINS CIRCULAR SAW MANDRELS

CAST STEEL, SELF-OILING BOXES



Prices Do Not Include Saws

### CONNECTED BOXES

No.	Extreme Length In.	Length of Frame In.	Distance From Center to Center of Bolt Holes In.	Diam. of Arbor In.	Diam. of Pulley In.	Face of Pulley In.	Diam. of Collars In.	Size Hole in Saw In.	Size of Saw In.	Weight Pounds	Price Each
1	23½	17	13¾	5/8	3	4	3	7/8	6 to 8	24	\$9.00
2	26½	19	14½	1 1/8	3½	4½	3	1	10 to 12	36½	11.00
3	28¾	20½	15¾	1 3/8	4	5	3½	1 1/8	14 to 16	45	13.25
4	30½	22	16½	1 5/8	4½	5½	3½	1¼	18	54½	15.50
4½	33½	24	19	1 7/8	5	6	4	1 5/8	20 to 22	56	17.75
5	33½	24	19	1 7/8	5	6	4	1 3/8	24 to 26	60	17.75
6	36½	26	20¾	1 9/8	6	7	4½	1½	28 to 30	78½	20.00

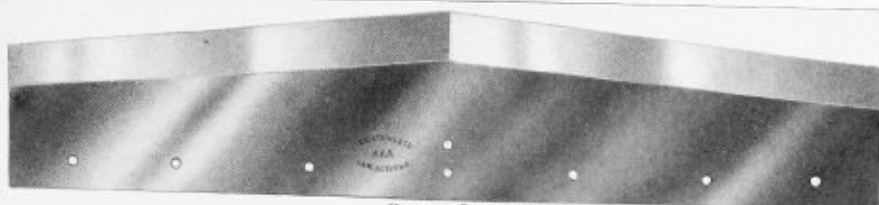
### YOKE

No.	Out to Out Boxes In.	Diam. of Arbor In.	Diam. of Pulley In.	Face of Pulley In.	Size of Collars In.	Size Hole in Saw In.	Size of Saw In.	Weight Pounds	Price Each
1	10	5/8	2½	3	3	7/8	6 to 8	18½	\$9.00
2	14	5/8	3	4	3	7/8	6 to 8	27	10.50
3	16	1 1/8	3½	4½	3	1	10 to 12	36	12.00
4	18	1 3/8	4	5	3½	1 1/8	14 to 16	45	14.00
5	20	1 5/8	4½	5½	3½	1¼	18	54½	16.00
5½	22	1 7/8	5	6	4	1 5/8	20 to 22	56½	18.00
6	22	1 7/8	5	6	4	1 3/8	24 to 26	61	18.00
7	24	1 9/8	6	7	4½	1½	28 to 30	79	20.00

For larger size mandrels see footnote page 232.

# ATKINS *SILVER STEEL* SAWS

## ATKINS MACHINE KNIVES



Stave Jointer



Shingle



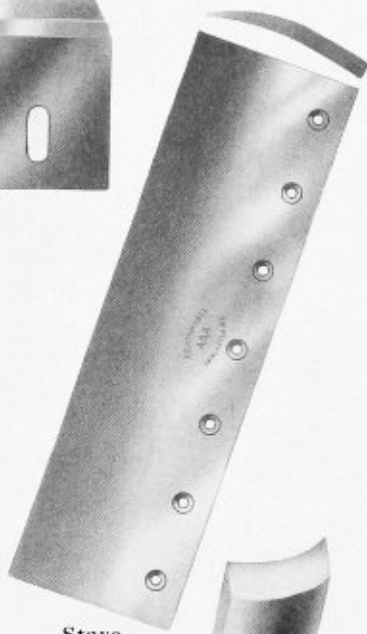
Chipper



Hog



Moulding



Stave



Gaining



Planer



Spoke



Chamfer



Plane Iron



Paper Cutter

# ATKINS SILVER STEEL SAWS

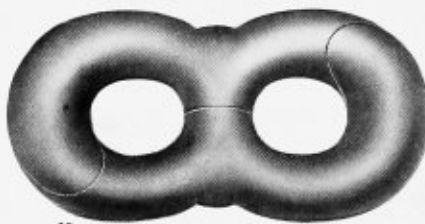
## CONNECTING LINKS AND LOAD BINDERS, ETC.



Goodyear Load Binder



Atkins "AAA" Grab Hook



Keystone Connecting Link

### GOODYEAR PATENT LOAD BINDERS

The Goodyear Load Binder is unsurpassed for binding logs, hay, lumber, pipe, or large loads of every description. The binder when open has a spread of 22½ inches and closes up to 18 inches, taking up a slack of 4½ inches.

Price .....each \$2.50

Weight, 21 pounds per pair.

### GRAB HOOKS

Atkins "AAA" Grab Hook will be found superior in many ways.

The peculiar pitch given to the hook, and the angle at which it is placed, permit it to be easily driven into position and almost instantly released.

At the same time it is so constructed that it is impossible for it to work loose.

Made of a very fine tough steel, and both points are carefully tempered so that they may be sharpened and will hold their cutting edge indefinitely.

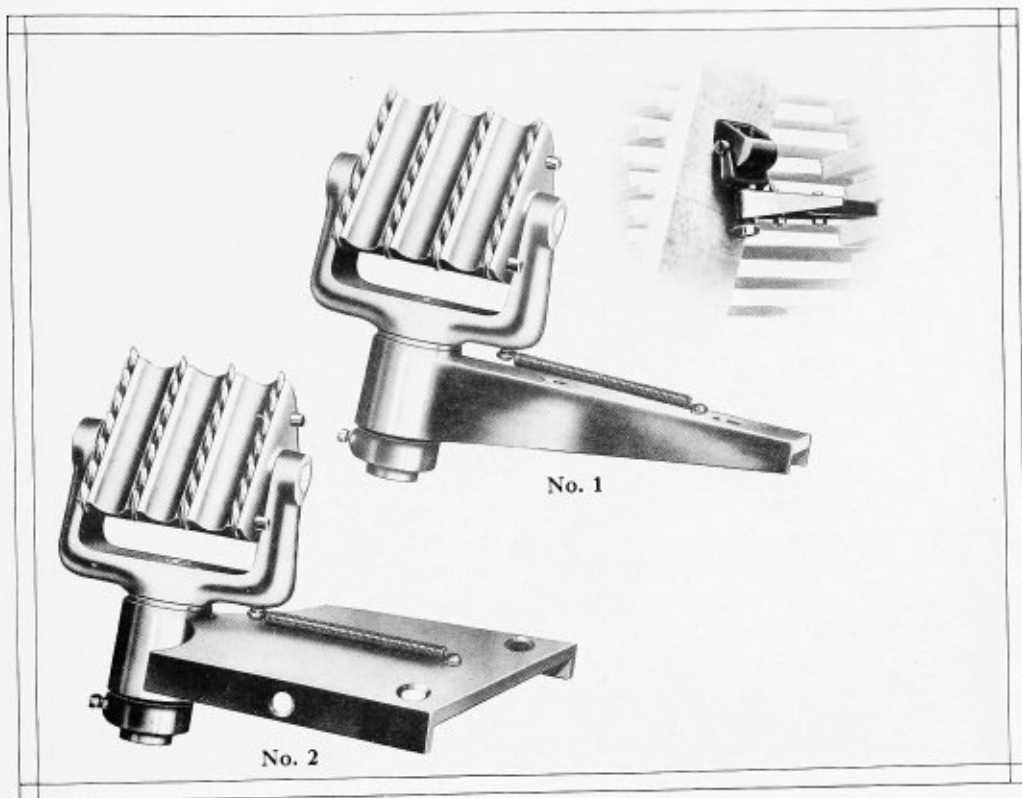
Price.....per dozen 8.00

### KEYSTONE CONNECTING LINKS

The Keystone Connecting Link for connecting new or repairing broken chains of any kind—is composed of two corresponding halves centrally pivoted on the same axis. As shown by the illustration herewith, the inner flat face of each member is pivoted with a projecting lug and recess, so that when closed and in use they mutually interlock, and by abutting against each other, lateral displacement of the two halves, and their consequent spreading or parting is rendered impossible. The Keystone Link is drop forged from an especially tough grade of bar steel, is the only one so made, and must not be confused with similar devices which are simply malleable iron castings.

Size Inches	Price per Dozen	Wt., Lbs. per Dozen
¼	\$2.00	7/8
5/16	2.25	1½
3/8	2.50	2½
7/16	3.25	3¾
1/2	4.00	5¾
5/8	7.50	10¾
¾	10.00	18
1	15.00	43½

ATKINS AAA LUMBER PILING JACK



Lumber Jacks

Atkins AAA Lumber Piling Jack is a very simple, strongly built device, which not only greatly facilitates the operation of piling lumber, but prevents marring of same during this operation.

It consists of a head, on which are mounted a series of pointed teeth. These being slightly inclined, permit the lumber to be pushed along their surface, but prevent its slipping backward. The head may be easily revolved in any direction.

A spring attached to the side of the head brings it to position as soon as the board releases it. The jack is therefore always ready for instant action.

It is made in two styles. No. 1 may be fastened to the side of any pile of lumber into the space between the different layers of boards by use of a piece of tool steel to which the jack has been fastened. (See upper illustration.)

No. 2 may be fastened to the top of a 4x4 post, or to the upright of a yard truck.

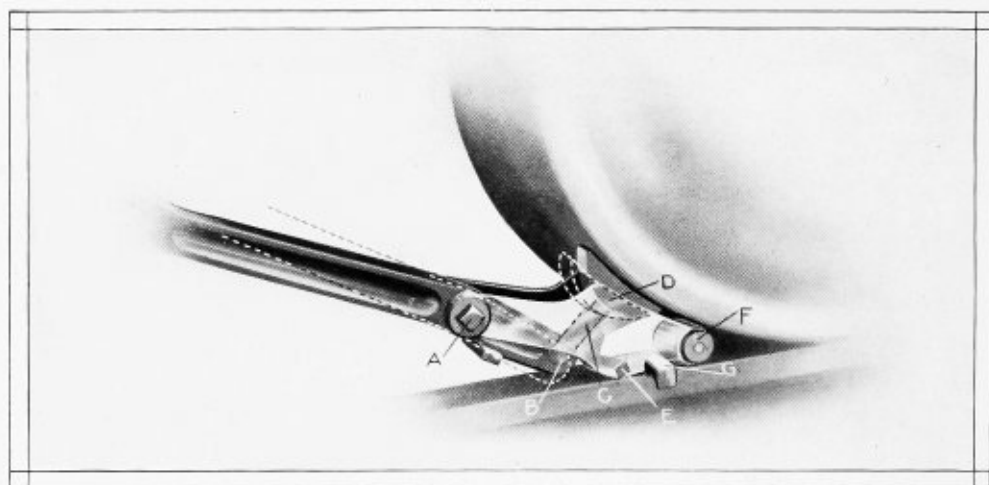
The use of Atkins AAA Lumber Piling Jack entirely obviates the marring of high priced lumber, as almost always occurs where a pointed stick or post is used.

List price each, \$9.00.

In ordering specify whether No. 1 or No. 2 is desired.

# ATKINS SILVER STEEL SAWS

## ATKINS "AAA" CAR MOVER



Here is a device which moves cars more rapidly and with less effort than has been possible through the use of any other hand contrivance. It is the invention of the patentee of a car mover which has heretofore been the most popular and is the result of lifelong study and experience.

The reason for its ease of operation will be apparent when you examine the above picture. You will note that every pound of pressure is directed at the exact point where it will produce the best results.

The roller "F" permits the mover to slide easily along the rail. The hard steel key "G" with four corners (which may be changed when desired) clinches the top of the rail and prevents slipping. The link "C" is fastened to the shoe "D" so that upon pressure on the handle, the shoe "D" is moved against the wheel with an upward and forward pressure and without any friction upon the car wheel whatever. The pivots "A" and "B" are the only points where friction occurs and as these parts may be easily lubricated, there is virtually no friction.

A trial of the Atkins "AAA" Car Mover in comparison with any other will immediately demonstrate its superiority.

This device will be of particular interest to every manufacturing plant which has switching facilities. It will enable one man to move the heaviest car from point to point and is the only hand contrivance that will do this easily and with speed.

The leverage is warranted to at least double that of any other car mover. It holds practically the same relation to other movers that they do to the old fashion "pinch bar."

Sold under an absolute guarantee subject to return in ten days if not perfectly satisfactory.

Weight, each 18 pounds net.

Price .....each \$5.00

### PARTS FOR "AAA" CAR MOVER

Letter and Name of Parts	Price Each	Name of Parts	Price Each
G Frame .....	\$1.75	Lever .....	\$2.75
D Wheel shoe .....	.50	Short pin .....	.08
E Steel grip .....	.25	Long pin .....	.15
F Roller wheel .....	.25	Wood handle .....	.12
C Link .....	.15	.....	.....
A Lever bolt .....	.04	.....	.....

## ATKINS WOOD SAW MACHINES

### DESCRIPTION

The frame is a combination of iron and wood, consisting of iron piping with collars on each end and long bolts which extend through the pipes and wood, making it much stiffer and stronger than any mortise and tenon frame, and one that can always be kept rigid by tightening the bolts, and any person can easily duplicate the woodwork as it wears or rots away.

They are all well painted, two coats.

The back part of the saw is not covered, it being unnecessary, as the shield is placed below, to protect the person throwing away the wood and to prevent the wood from falling against the saw, which is the cause of many blades breaking.

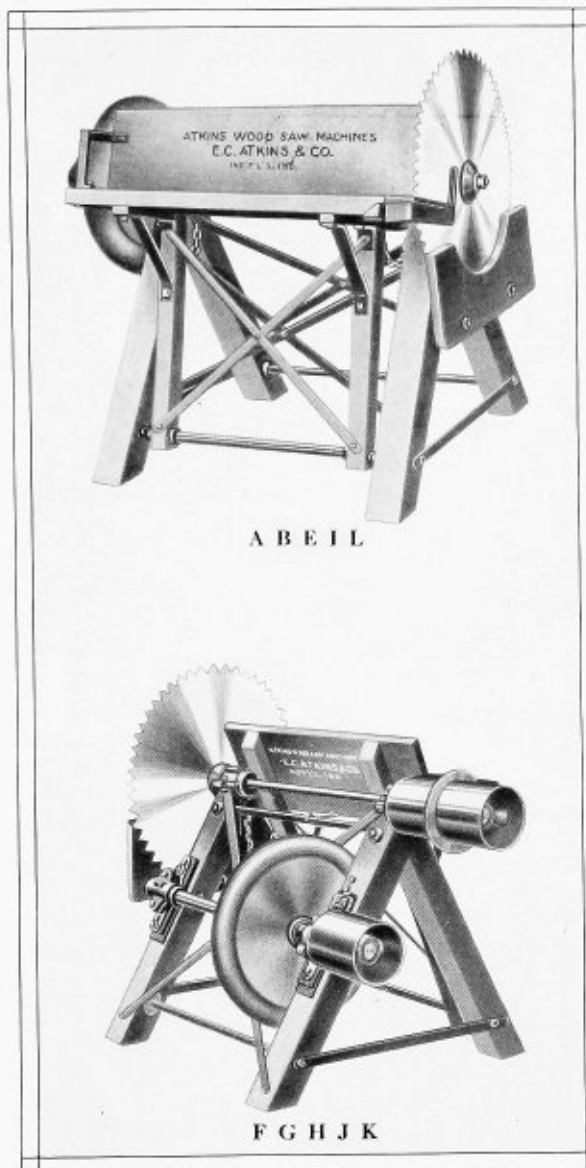
The saw tables are smooth and solid, making it very easy to slide the poles or logs along quickly without the delay of lifting, as with an open table.

The machine may be braced underneath the boxes when sawing, and staked around the legs in the usual way.

They have steel coil springs to throw the table back, and a hook to fasten it up out of the way when moving.

Machines Nos. A, B, E, I and L will cut 4 foot lengths or less. Machines Nos. F, G, H, J and K will cut any lengths.

The mandrel is Bessemer steel, and has large hexagon nut, to avoid being broken off in cold weather. Also has adjustable collar to take up end thrust.

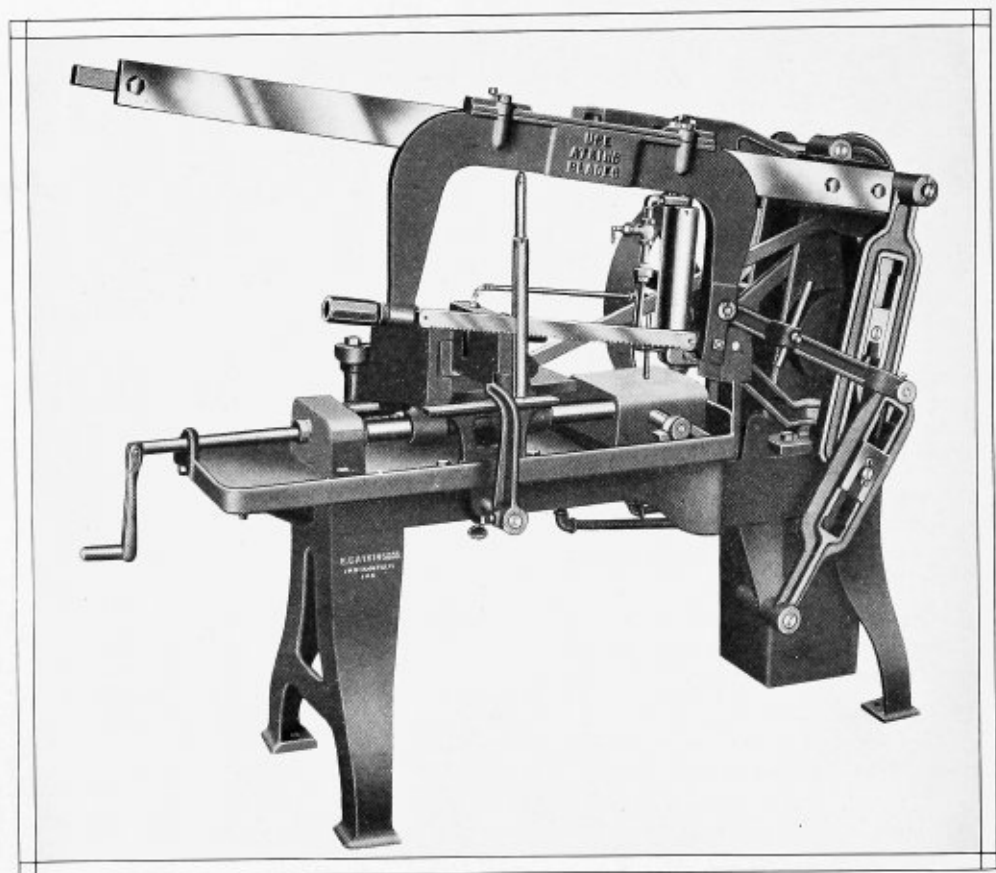


A B E I L

F G H J K

Style	Diameter of Arbor Inches	Pulley Inches	Weight of Fly Wheel Pounds	Weight of Machine Complete Pounds	Size Hole in Saw	Size of Saw Inches	Price Without Saw Blade
A	1 1/4	5 x 5	60	260	1 3/8	20 to 22	\$17.50
G	1 1/4	5 x 5	60	225	1 3/16	20 to 22	22.00
B	1 1/2	6 x 6	100	260	1 3/8	24 to 26	20.25
H	1 1/2	6 x 6	100	335	1 3/8	24 to 26	27.00
E	1 1/2	7 x 8	140	370	1 1/2	28 to 30	28.75
F	1 1/2	7 x 8	140	440	1 1/2	28 to 30	34.50
I	1 3/8	6 x 6	80	225	1 3/8	24 to 26	18.50
J	1 3/8	6 x 6	80	270	1 3/8	24 to 26	20.75
L	1 1/2	6 x 6	100	270	1 3/8	28 to 30	23.75
K	1 1/2	6 x 6	100	325	1 3/8	28 to 30	28.25

ATKINS KWIK-KUT POWER HACK SAW  
MACHINES



Kwik-Kut Power Hack Saw Machine, No. 7

We are now making a complete line of power hack saw machines for cutting all sizes of stock up to 8 inch x 8 inch. Furnished with a solid vise, unless otherwise specified, for cutting material at right angles. When desired, they are equipped with a swivel vise for cutting at any angle up to 45 degrees. The swivel vise at 45 degrees angle reduces the capacity to 4½ inch x 8 inch, and at angle of 90 degrees 7 inch x 8 inch.

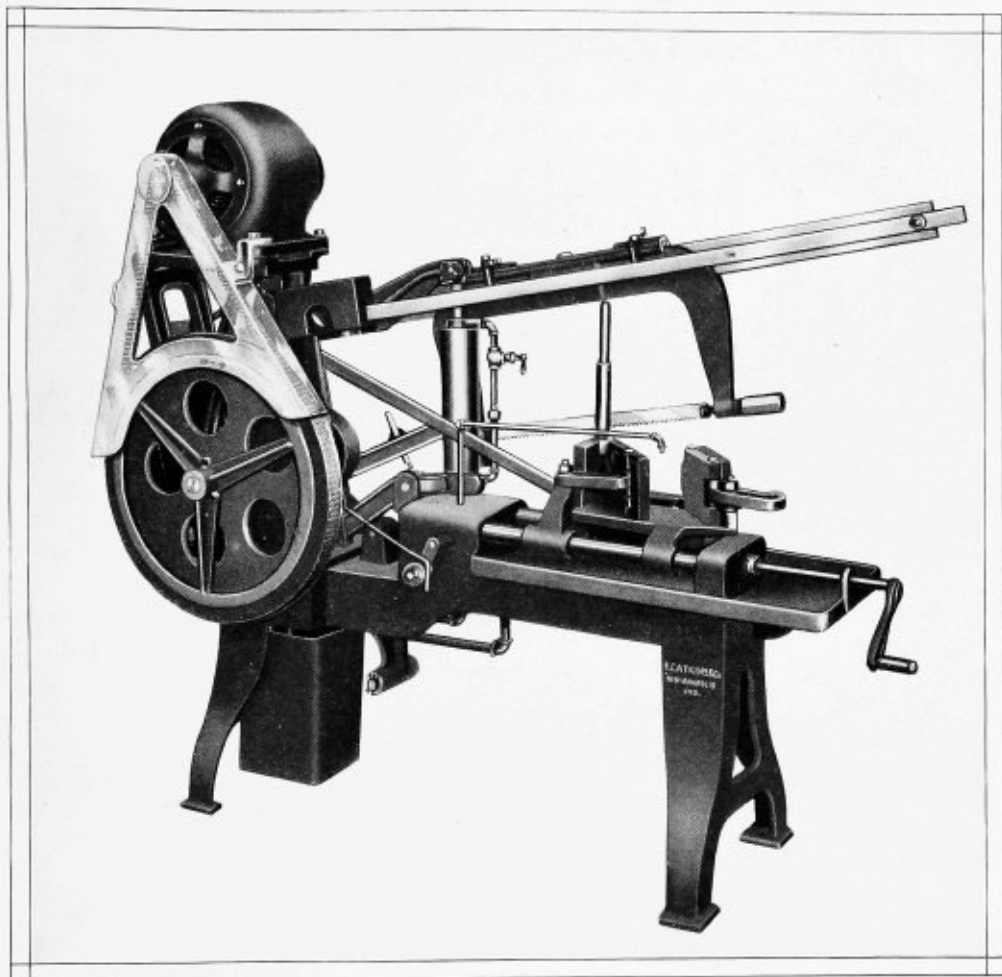
A lubricating system consisting of pump, tank and pipe is so arranged that the compound used for keeping the saw cool drops automatically into the cut and is then filtered back into the tank for further use.

The machine is equipped with a two-step cone pulley with a variation of 2 inches, so that in connection with a cone pulley, or two pulleys, with a variation of 2 inches in diameter on the driving shaft the machine may be run at the minimum speed of 50 strokes per minute, or at the maximum speed of 80 strokes per minute.

For list prices see page 243.



ATKINS KWIK-KUT POWER HACK SAW  
MACHINES—Continued



Kwik-Kut Power Hack Saw Machine, No. 7 with Motor Drive

**MOTOR DRIVEN MACHINES**

The No. 7 Kwik-Kut is also furnished, when desired, direct connected with motor. For direct current we use a standard motor, 550-1100 R. P. M., resting on a special motor bracket with a Cutler-Hammer Starting Box, and the motor connected with the machine by special patented silent steel chain running over a small pinion attached to the motor and a large sprocket which takes the place of the pulley on the machine. The chain is protected by a cast iron guard. The controller makes it possible to secure any speed desired from 50 to 100 strokes per minute by 15 graduations, thus making it possible to adapt the speed perfectly to the size and character of material that is being cut, by instantly changing the lever from one button to another. For alternating current, a small cone pulley is used on the motor connecting with the cone pulley on the machine and connected by short leather belt instead of the chain drive and starting box as used for direct current.

**ATKINS AAA KOOLING KOMPOUND**

We include free with our No. 7 Kwik-Kut Power Hack Saw a sample pail of our Kooling Kompond sufficient to make a solution of twenty gallons suitable for use in connection with this machine and an excellent preparation for screw cutting, tapping or any other work where a compound of this kind is required.

Prices in various quantities will be quoted upon application.

**ATKINS KWIK-KUT POWER HACK SAW  
MACHINES—Continued**

**THE "STRATE-CUT"  
PATENTED HACK SAW GUIDE**

This guide is used exclusively on our No. 7 and No. 14 Kwik-Kut Power Hack Saws and is absolutely new and unique. It is the first practical saw guide ever applied to a hack saw machine.

The blade passes through a slotted tube and also through a slot in the end of the plunger, which is interchangeable for blades of different gauges. It is detachable, and the machine may be run either with or without the guide, as desired, requiring only a few moments to attach or detach. It is rigid and substantial, and warranted for the life of the machine. It is the only guide constructed in such a way as to control the blade in the cut.

The great value of this guide is shown in cutting expensive high speed tool steel and particularly of large size, where a slight variation causes considerable loss. In any case, where very accurate sawing is desired, the "Strate-Cut" guide is indispensable.

**ALL KWIK-KUT MACHINES ARE MANUFACTURED UNDER OUR EXCLUSIVE PATENT, WHEREBY  
THE LENGTH OF THE STROKE IS AUTOMATICALLY REGULATED BY THE  
SIZE OF THE MATERIAL HELD IN THE VISE**

The ordinary machine, running full capacity with a fixed stroke of 6 inches, affords only 40% of the blade travel made by the Kwik-Kut, while in using our machine practically the entire length of the blade is utilized, thus showing an enormous saving in blades.

The driving mechanism consists of a beveled rim friction wheel securely fastened to the shaft so that, by the use of a rod starter, this wheel is forced against the pulley, thus furnishing the most reliable and durable driving power.

A raising device slightly raises the saw arm on the return, or non-cutting stroke, thus avoiding unnecessary wear on the blade.

An automatic stop cuts off the power when desired.

An outside rest holds the stock in the cut, thus preventing the damage to material which often occurs on other machines when cutting short pieces.

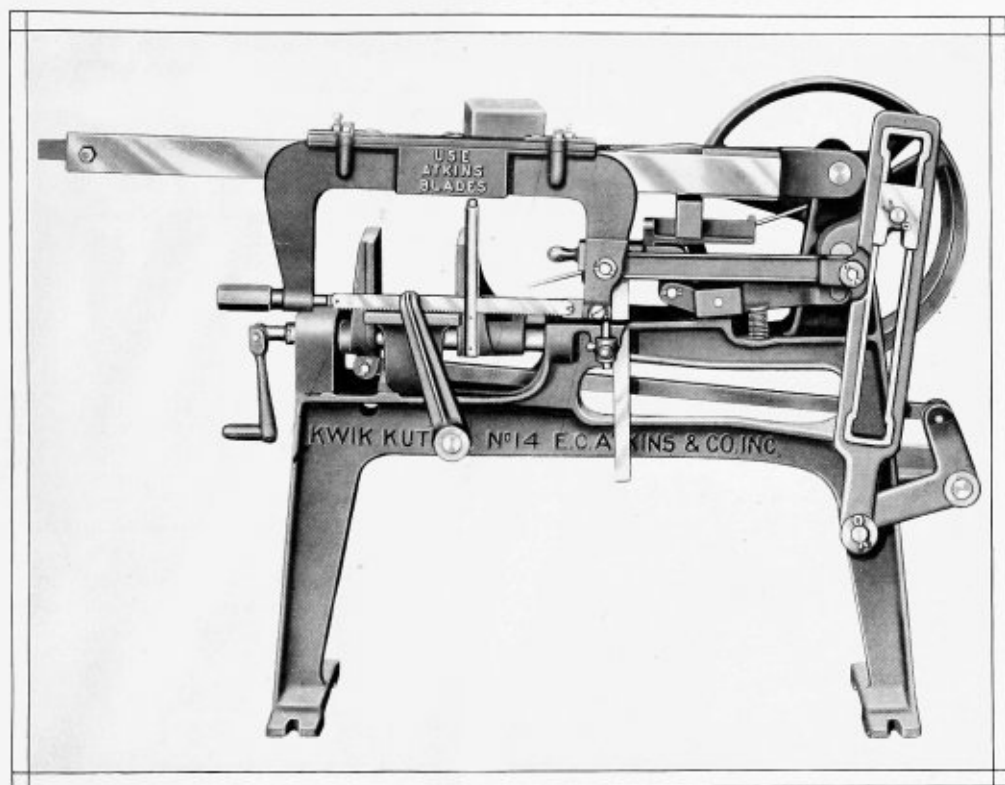
Compensating bearings are used on the saw frame, all of which are direct and finished, and no babbit metal is used. Gibs on side and top are provided to take up any possible wear.

A depth gauge provides for automatically stopping the machine at any desired depth in the cut.

**"AAA" HACK SAW BLADES RECOMMENDED FOR USE ON THE  
KWIK-KUT MACHINE**

No.	TIMBER		IRON, SOFT STEEL			TOOL STEEL			STRUCTURAL SHAPES		
	Thin Wall up to 1/4 Inch	Heavy Wall Above 1/4 Inch	Small up to 1 Inch	Medium 1 Inch to 2 1/2 Inch	Large Above 2 1/2 Inch	Small up to 1 Inch	Medium 1 Inch to 2 1/2 Inch	Large Above 2 1/2 Inch	Small	Medium	Large
7	425	430	440	440	445	430	440	440	425	430	430
14	409	425	430	435	435	425	430	430	425	425	430
12	409	410	418	418	422	415	418	418	415	415	418
Cutting speed in inches per minute.....			720 inches			450 inches			450-500 inches		

ATKINS KWIK-KUT POWER HACK SAW MACHINES—Continued



The above illustration shows style of Kwik-Kut Power Hack Saw Machines, Nos. 14 and 12.

The No. 14 Kwik-Kut Machine embodies all features of the No. 7, including guide, excepting that it is a dry cutting machine; that is, not equipped with the lubricating system used in connection with the No. 7.

The No. 12 Kwik-Kut Machine is also a dry cutting machine of the same pattern as the No. 14 and similar in every respect, excepting that it does not have the patented saw guide and has a smaller capacity.

SPECIFICATIONS AND PRICES

No.	Length of Blade Inches	Size of Pulley	Strokes per Minute	Height Floor to Vise Inches	Floor Space Inches	Approx. Shipping Weight Pounds	Export Shipping Weight Pounds	List Price
7	18	18 x 3 20 x 3	80 50	23	18 x 40	600	750	\$127.50
14	14	16 x 3	60	23	12 x 38	400	490	75.00
12	12	16 x 3	70	23	12 x 36	350	450	52.50

CAPACITIES

The capacity of the No. 7 machine with solid vise is 8x8 inches. With swivel vise it has a capacity of 7x8 inches on a straight cut and 4½x8 inches at 45 degrees.

The No. 14 solid vise has a capacity of 6x6 inches with blade measuring 14 inches from center to center of holes. The swivel vise, when adjusted for cutting straight, has a capacity of 5x6 inches, but when cutting angles at 45 degrees, the capacity is 3½x6 inches.

The No. 12 machine has a capacity of 4x4 inches on a straight cut with either solid or swivel vise; with swivel vise a capacity of 2½x4 inches at 45 degrees.

# ATKINS SILVER STEEL SAWS

## PRICE LIST OF FILES AND RASPS

Inch	MILL AND ROUND			FLAT			Inch	SQUARE			HAND AND PILLAR		
	Bastard	2d Cut	Smooth	Bastard	2d Cut	Smooth		Bastard	2d Cut	Smooth	Bastard	2d Cut	Smooth
4	\$3.00	\$3.50	\$3.90	\$3.70	\$4.30	\$4.70	4	\$3.80	\$4.60	\$4.90	\$3.70	\$4.30	\$4.80
5	3.20	3.80	4.10	3.90	4.60	4.90	5	4.10	4.80	5.30	3.90	4.70	5.30
6	3.50	4.00	4.50	4.30	4.80	5.30	6	4.60	5.10	5.50	4.30	5.10	5.60
7	3.90	4.60	4.90	4.80	5.50	6.10	7	5.10	5.80	6.30	4.90	5.80	6.30
8	4.30	4.90	5.40	5.30	6.10	6.60	8	5.50	6.30	7.00	5.40	6.30	6.70
9	4.90	5.80	6.30	6.30	7.20	7.90	9	6.60	7.70	8.30	6.70	7.80	8.30
10	5.60	6.40	7.00	7.00	8.10	8.70	10	7.40	8.50	9.10	7.50	8.70	9.40
11	6.70	7.80	8.50	8.60	9.80	10.70	11	9.10	10.40	11.30	9.40	10.90	11.80
12	7.50	8.60	9.40	9.70	11.00	12.10	12	10.20	11.50	12.80	10.70	12.30	13.50
13	9.40	10.70	11.70	11.80	13.60	14.70	13	12.50	14.30	15.40	13.30	15.20	16.20
14	10.70	12.20	13.10	13.30	15.30	16.70	14	13.90	16.10	17.50	15.00	17.00	18.20
15	13.10	15.00	16.10	16.00	18.30	20.00	15	16.90	19.20	20.90	17.90	20.60	21.70
16	14.70	16.80	17.90	17.80	20.10	22.30	16	18.70	21.20	23.30	20.10	22.80	24.20
17	18.20	20.20	21.70	21.50	24.20	26.50	17	22.50	25.40	27.50	24.20	27.10	28.60
18	20.20	22.70	24.30	23.90	26.80	29.20	18	25.10	28.20	30.40	26.80	29.90	31.50
19	24.60	27.50	29.40	28.40	31.60	34.60	19	29.70	33.20	35.70	31.90	35.40	37.60
20	27.40	30.70	32.90	31.50	35.30	38.30	20	32.80	36.70	39.30	35.10	39.20	41.60

Mill Blunt, Dbl. Cut., advance 2 in.

Mill Dbl. Cut., advance 1 in.

Mill Narrow Point, advance 1 in.

Cant (Blunt) Dbl. Cut., advance 2 in.

Square Blunt, advance 1 in.

Slotting (Blunt) advance 2 in.

Cotter Blunt or Taper, advance 2 in.

Inch	MILL ONE ROUND EDGE			MILL TWO ROUND EDGES			Inch	TAPER		SLIM TAPER		BAND SAW BLUNT AND TAPER	
	Bastard	2d Cut	Smooth	Bastard	2d Cut	Smooth		Single Cut	Double Cut	Single Cut	Double Cut	Regular	Slim
4	\$3.40	\$3.90	\$4.40	\$3.80	\$4.40	\$4.90	3	\$2.10	\$2.50	\$2.10	\$2.50	\$2.50	\$2.50
5	3.60	4.30	4.60	4.00	4.80	5.10	3½	2.10	2.50	2.10	2.50	2.50	2.50
6	3.90	4.50	5.10	4.40	5.00	5.60	4	2.20	2.90	2.20	2.60	2.90	2.60
7	4.40	5.20	5.50	4.90	5.80	6.10	4½	2.40	3.10	2.30	3.00	3.10	3.00
8	4.80	5.50	6.10	5.40	6.10	6.80	5	2.60	3.50	2.50	3.20	3.50	3.20
9	5.50	6.50	7.10	6.10	7.30	7.90	5½	3.00	4.00	2.90	3.50	4.00	3.50
10	6.30	7.20	7.90	7.00	8.00	8.80	6	3.40	4.70	3.10	3.90	4.70	3.90
11	7.50	8.20	9.60	8.40	9.80	10.60	7	4.30	5.60	3.80	4.50	5.60	4.50
12	8.40	9.70	10.60	9.40	10.80	11.80	8	5.40	6.70	4.50	5.30	6.70	5.30
13	10.60	12.00	13.20	11.80	13.40	14.60	9	6.60	8.10	5.40	6.30	8.10	6.30
14	12.00	13.70	14.70	13.40	15.30	16.40	10	8.10	9.70	6.40	7.50	9.70	7.50
15	14.70	16.90	18.10	16.40	18.80	20.10	11	10.70	12.10	8.30	9.10	12.10	9.10
16	16.50	18.90	20.10	18.40	21.00	22.40	12	12.50	14.70	9.50	11.00	14.70	11.00
17	20.50	22.70	24.40	22.80	25.30	27.10	13	15.90	17.50	12.10	13.10	17.50	13.10
18	22.70	25.50	27.30	25.30	28.40	30.40	14	18.20	20.60	13.80	15.40	20.60	15.40

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

Half inches, not specified, take next higher full inch price.

Dead smooth, double the price of bastard cut.

One round edge, advance 12½ per cent.

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

Blunt files, not specified, advance one inch on respective kinds and cuts.

Single or float cut, not specified, on regular shapes take double cut price.

Equalings (bellied), advance two inches on respective kinds and cuts.

Two round edges, advance 25 per cent.

Files varying from standard sizes, subject to special prices.

Cuts not specified, made upon regular blanks, advance one inch on respective kind and nearest cut.

# ATKINS SILVER STEEL SAWS

## PRICE LIST OF FILES AND RASPS—Continued

PER DOZEN

Inch	HALF ROUND AND THREE SQUARE			WARDING			Inch	KNIFE			SHOE RASPS			
	Bastard	2d Cut	Smooth	Bastard	2d Cut	Smooth		Bastard	2d Cut	Smooth	Inch	Flat	Half Round	Oval
4	\$4.80	\$5.60	\$6.10	\$4.00	\$4.80	\$5.40	4	\$5.40	\$6.10	\$6.40	6	\$8.10	\$8.10	\$9.30
5	5.40	6.10	6.40	4.50	5.30	5.80	5	6.10	6.70	7.10	7	9.30	9.30	10.10
6	6.10	6.70	7.10	4.90	5.90	6.40	6	6.90	7.50	7.90	8	10.10	10.10	12.20
7	7.00	7.70	8.20	5.90	6.90	7.50	7	7.80	8.50	8.90	9	12.20	12.20	13.70
8	7.50	8.30	8.90	6.40	7.50	8.20	8	8.50	9.10	9.50	10	13.70	13.70	16.80
9	8.50	9.40	9.90	7.80	9.00	9.90	9	9.40	10.60	11.30	11	16.80	16.80	18.70
10	9.10	10.10	10.70	8.70	10.10	11.00	10	10.10	11.50	12.30	12	18.70	18.70	22.40
11	10.70	11.80	12.70	10.90	12.70	13.70	11	12.20	13.70	14.60	13	22.40	22.40	.....
12	11.80	13.00	13.90	12.30	14.30	15.40	12	13.70	15.20	16.10	14	24.80	24.80	.....
13	14.10	15.40	16.60	15.20	17.40	18.70	13	16.30	17.90	19.20	.....	.....	.....	.....
14	15.50	17.00	18.30	17.00	19.40	21.00	14	18.20	19.90	21.20	.....	.....	.....	.....
15	18.50	20.40	21.70	Stave Saw										
16	20.60	22.50	24.20	8 inch.....			<p style="text-align: center;"><b>MOORE BROS. BABBITT OR SOFT METAL FILES</b></p> <p style="text-align: center;">Regular size and shape, 14 inches half round.</p> <p style="text-align: center;">List price of 14 inch, per dozen, \$15.50.</p> <p style="text-align: center;">Special discounts quoted on application.</p>							
17	24.70	27.00	28.90	Stave Saw Improved										
18	27.50	29.90	32.00	6 inch.....	\$6.40									
19	32.80	35.70	38.10	7 inch.....	7.40									
20	36.20	39.40	42.30	8 inch.....	8.10									
				9 inch.....	9.70									
				10 inch.....	10.70									
				12 inch.....	15.40									

Gin Saw, take bastard price.  
 Crossing.....advance 2 in.  
 Tumbler.....advance 2 in.  
 Feather Edge, (blunt).....advance 2 in.  
 High Back /  
 Half Round / .....advance 2 in.

Inch	HORSE RASPS				FILE RASPS		Inch	WOOD FILES			WOOD RASPS		
	Plain	Beveled and 3/4 Rasp	Tanged	Flat	Half Round	Flat		Half Round	Cabinet	Flat	Half Round	Cabinet	
6	.....	.....	.....	\$7.40	\$8.10	6	\$4.30	\$6.10	\$8.10	\$7.40	\$8.10	\$10.10	
7	.....	.....	.....	8.80	9.30	7	4.80	7.00	9.30	8.60	9.30	11.70	
8	.....	.....	.....	9.40	10.10	8	5.30	7.50	10.10	9.40	10.10	12.80	
9	.....	.....	.....	11.40	12.20	9	6.30	8.50	12.20	11.40	12.20	15.50	
10	\$9.40	\$10.70	\$12.80	12.80	13.70	10	7.00	9.10	13.70	12.80	13.70	17.50	
11	11.40	12.90	15.20	15.50	16.80	11	8.60	10.70	16.80	15.50	16.80	20.70	
12	12.80	14.40	16.80	17.50	18.70	12	9.70	11.80	18.70	17.50	18.70	22.80	
13	15.20	17.00	19.60	20.90	22.40	13	11.80	14.10	22.40	20.90	22.40	26.80	
14	17.80	20.10	23.10	23.20	24.80	14	13.30	15.50	24.80	23.20	24.80	29.60	
15	20.90	23.60	27.30	27.80	29.70	15	16.00	18.50	29.70	27.80	29.70	33.90	
16	24.40	27.50	32.20	30.80	32.90	16	17.80	20.60	32.90	30.80	32.90	36.90	
17	28.90	31.50	.....	36.20	38.90	17	21.50	24.70	38.90	36.20	38.90	42.40	
18	32.90	36.20	.....	40.90	43.60	18	23.90	27.50	43.60	40.90	43.60	46.90	

Inch	PIT SAW	CANT SAW	Gt. Am. CROSS CUT	HOOK TOOTH	PLANER KNIFE	INSERTED TOOTH OR CHISEL TOOTH	DOUBLE-ENDED TAPER	
	Single Cut	Single Cut	Single Cut	Single Cut	Single Cut	Price	Inch	Price
4	\$4.80	\$4.30	\$4.80	.....	.....	.....	6	\$3.50
5	5.40	4.70	5.40	.....	.....	.....	7	3.50
6	6.10	5.40	6.10	.....	.....	.....	8	3.90
7	7.00	6.10	7.00	.....	.....	.....	9	4.40
8	7.50	6.40	7.50	.....	.....	.....	10	4.90
9	8.50	7.80	8.50	.....	.....	.....	.....	.....
10	9.10	8.70	9.10	.....	.....	.....	.....	.....
11	10.70	10.40	10.70	.....	.....	.....	.....	.....
12	11.80	11.40	11.80	.....	.....	.....	.....	.....

Climax, advance 2 inches on half round bastard. Round gulleting, take pit saw price.

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