

Hardware
by
DISSTON

CATALOG No.100-R9

HENRY DISSTON & SONS, INC.

ESTABLISHED AT PHILADELPHIA, 1840

MORE THAN A CENTURY OF PROGRESS



Branches

CHICAGO ILL.

PORTLAND ORE.

VANCOUVER B. C.

WEST COAST FACTORY: SEATTLE WASH.

CANADIAN FACTORY: TORONTO ONTARIO

AUSTRALIAN FACTORY: SYDNEY N. S. W.

SAWS • TOOLS • FILES • KNIVES • STEEL

CATALOG No. 100-R9

HARDWARE SECTION



Henry Disston, who in 1840 founded the business which today is known as "the World's Foremost Saw Works"...an enterprise which has contributed greatly to the advancement of the lumber, wood working, metal fabricating, steel and other industries.

More than a century OF DISSTON LEADERSHIP

In 1840, at the age of 21, Henry Disston opened his own saw shop in Philadelphia. Henry Disston knew he had to make better saws than any ever made up to that time. By doing it, he established a great industry.

He himself fired his furnaces, tempered his saws, smithed, ground, set and filed them.

Around him he gathered men and trained them in his own methods. First he made saws with his own hands; then he made saw makers.

Finer workmanship was impossible, but better steel for saws was possible. So Henry Disston in 1855 made his own steel—the first crucible saw steel ever made in America. Since then, Disston-made Steel has been used in the manufacture of hand saws; wood and metal cutting circular saws, both solid and inserted tooth; log band and band re-saws; narrow band saws for both wood and

metal cutting; one- and two-man cross-cut saws; and machine knives, band knives, etc.

Henry Disston's spirit still lives on in the Disston Works. Disston Saws and other tools are made today after the ideals set by the founder. They are distributed throughout the world, serving metal working and wood working industries everywhere more efficiently than ever before.

The history of Henry Disston & Sons, Inc. is almost the history of modern saw making in America, for many of the notable improvements in saw making and in steel making originated in the Disston Saw Works.

On the foot pieces throughout this catalog are illustrated some of the Disston "Firsts". They indicate the progressive spirit which established and which has maintained Disston leadership—the spirit which will continue to give tool users the best in quality and modern design.

Today... DISSTON CARRIES ON WITH FIVE SEPARATE SALES DIVISIONS

Today, Disston manufacturing activities are carried on in the plants illustrated on the next two pages.

The sale of the Disston products made in these plants is divided into five different sales divisions, each with its own sales organization, management, and advertising and sales promotion program in order to sell the many Disston products manufactured in the multitude of markets that can use them to advantage. These sales divisions are:

HARDWARE

Disston hardware products are sold solely through the hardware wholesaler-retailer channels . . . Disston selling to the wholesaler, the wholesaler supplying the retailer.

Catalog No. 100-R9, Hardware Section, fully describes all the items which make up the Disston hardware line which is sold through this channel.

INDUSTRIAL

Disston products for industry are sold through the industrial distributor channel—each distributor through his sales organization reaching the manufacturing user.

Catalog No. 100-R9, Industrial Section, fully describes all the products sold through this channel of distribution.

POWER CHAIN SAWS

These saws, which are manufactured for gasoline and pneumatic power, are sold by the Company through sales and field men to distributors who maintain service and repair parts facilities. Also by dealers whom distributors may appoint to further extend sales and service to owners and users of these wonderful time- and labor-saving saws.

The Disston family of Chain Saws is described in both of the Industrial and Hardware Catalogs No. 100-R9 . . . the products sold by this Division also are described in separate literature which gives full details of each model manufactured.

EXPORT SALES

Products for Export—Hardware, Industrial and Chain Saws—are sold in practically every country of the world through importers, distributors, sales representatives and other export sales connections—whichever channel is best suited for the sales of such products as Disston manufactures for the respective countries.

Export Catalog No. 100-R9 combining the Hardware and Industrial products as manufactured for the export market, has been issued.

STEEL SALES

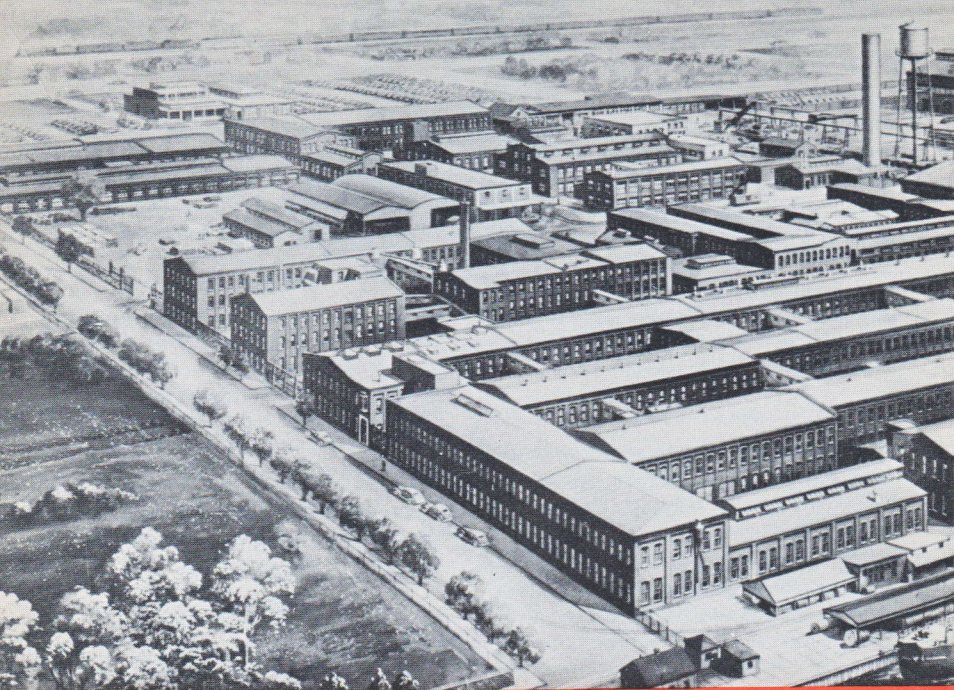
Years ago this division was created to sell the special tool steels Disston was equipped to manufacture over and above the steels needed for manufacturing Disston products.

A four-page section on these steels has been made a part of the Industrial Catalog. In addition to this, Steel Sales has a separate catalog (No. 100-S) which treats fully of the qualities, composition and working of all electric tool steels which Disston manufactures for sale.

CANADIAN

In addition to the five sales divisions outlined Disston, because of its large manufacturing facilities at Toronto, Ontario, issues a Canadian catalog showing all products sold through this factory branch which cares for Canadian requirements as well as some manufacturing for the export market.





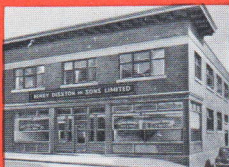
Henry Disston & Sons, INCORPORATED

KEYSTONE SAW, TOOL, STEEL AND FILE WORKS,



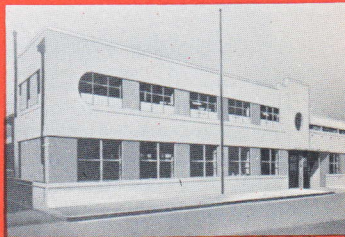
CANADIAN FACTORY: TORONTO, ONTARIO

In 1905, Henry Disston & Sons, Ltd. was established. Four years later the factory shown above was erected. Here hand saws and other hardware items; wide and narrow band saws; circular saws; knives; and other Disston products are manufactured for Canadian and foreign markets.



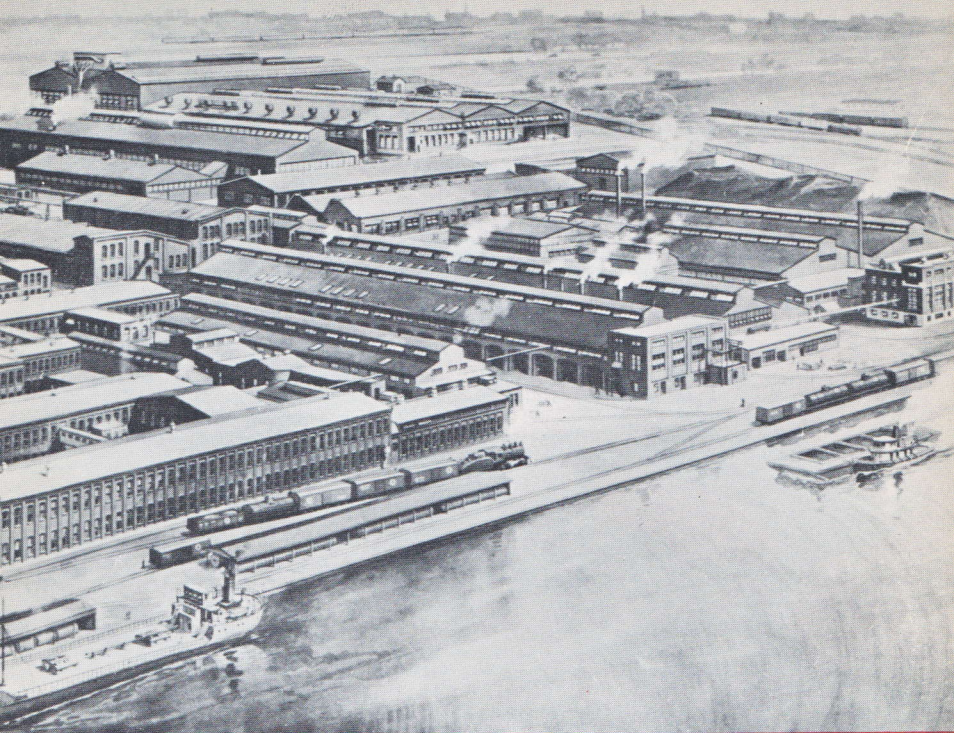
VANCOUVER, B. C.

In 1907, the Vancouver Branch of Henry Disston & Sons, Ltd. was opened. At this plant such products as band saws, solid and inserted saws are manufactured for the British Columbia market.



AUSTRALIAN FACTORY: SYDNEY, N. S. W.

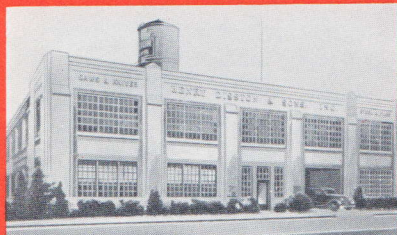
In 1914, incorporated as Henry Disston & Sons, Pty. Ltd., the Company established a branch at Sydney, New South Wales. In 1938, the plant shown above was erected in order to adequately take care of the Company's fast-growing business in this corner of the world.



ESTABLISHED 1840

The Disston Tacoma, Philadelphia plant, shown above, today consists of 84 buildings and covers 65 acres. Ground was broken for the erection of the first building on this site on September 26, 1872.

PHILADELPHIA, PENNA., U. S. A.

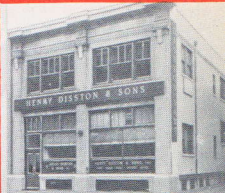


WEST COAST FACTORY: SEATTLE, WASH.

In 1924, incorporated as Henry Disston & Sons, Inc. of Washington, the Company erected the plant shown above. Here Philbrick Cutter Heads, Thin Planer Knives, Chipper Knives, Band Saws and Circular Saws are manufactured to meet Western lumber industry requirements.

CHICAGO, ILLINOIS

In 1925, Henry Disston & Sons, Inc. acquired the Chicago building shown, where complete stocks of Industrial saws and tools are carried. Here also some manufacturing operations are performed.



PORTLAND, OREGON

In 1929, Henry Disston & Sons, Inc. of Washington formally dedicated the new Portland, Oregon factory branch which is shown above. Here the Company carries complete stocks. This branch also stocks saws, knives and other tools used in Western lumber production.

GENERAL INFORMATION

TRADE MARKS

All persons are cautioned against using any of the Disston Trade Marks or Trade Names except for the purpose of identifying Disston goods. Among the registered Trade Marks are: "Disston", "Keystone", "Champion", "Great American", "Precision-Ground". Also these emblems: "Keystone", "Keystone and Scales" and letter "D". Numerous other trade names and brands have been registered by Disston in this and foreign countries, to identify goods manufactured by this Company.

GUARANTEE

Any Disston Saw or Tool which is claimed to be defective should be returned to the firm from which it was purchased. Saws or tools so returned are to be forwarded to us, identified as to user and firm transmitting them. If, upon our examination, they are found to be defective, prompt replacement or adjustment will be made by us.

SHIPMENTS

Unless the purchaser requests otherwise: All shipments weighing more than 100 pounds gross will be made by freight. Shipments of less than 100 pounds gross will be by parcel-post, or express, or freight—whichever is more economical.

All parcel-post shipments will be insured (unless otherwise instructed) under a blanket insurance coverage. Nominal charge for such insurance will be added to shipping charges.

Our responsibility ceases when merchandise is delivered to the transportation company.

PRICES

Prices are subject to change without notice.

All merchandise will be invoiced at prices current at the time of shipment.

REPAIRS

When sending saws or tools for repair give complete instructions on your order regarding repairs desired. Tag each saw or tool with your name and address. Give instructions for return shipment.

ORDERING

Your orders will be handled more promptly if you will be careful to give the following specifications:

Band Saws—Home Workshop— for Metal—for Wood	Cat. No.	Length	Width			
Band Saws, Narrow—Wood	Length	Width	Thickness	Points to Inch	Joined or Not	
Butcher Saws	Cat. No.	Length				
Circular Saws—Home Workshop— for Metal—for Wood	Cat. No.	Diameter	Hole			
Circular Saws—Wood	Diameter	Thickness	Hole	Pattern of Teeth	Number of Teeth	r. p. m.
Cross-cut Saws	Cat. No.	Length				
Files	Brand	Length	Shape	Cut		
Grooving Saws	Diameter	Thickness	Hole	Catalog Number	Width of Groove to cut	r. p. m.
Hack Saw Blades	Cat. No.	Length	No. Teeth			
Hand Saws	Cat. No.	Length	Points	Cross-cut or Rip		
Hand Saws for Metal	Cat. No.	Length				
Pruning Saws and Tools	Cat. No.	Length				
Tools (Miscellaneous)	Cat. No.	Size				
Trowels	Cat. No.	Name	Length			
Wood Saws	Cat. No.	Length				

DISSTON HAND SAWS

BACK SAWS
COMPASS SAWS
COPING SAWS
NEST OF SAWS



HENRY DISSTON & SONS
PHILADELPHIA, U.S.A.

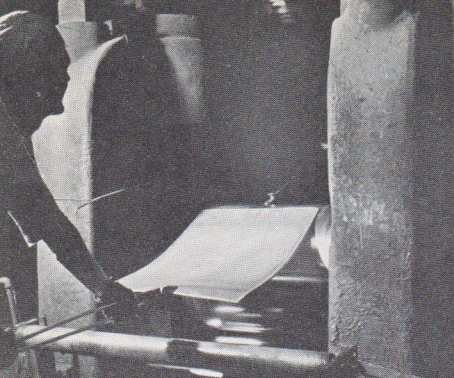
HENRY DISSTON & SONS
PHILADELPHIA, U.S.A.

*The Beauty, Finish and Utility
of this Instrument is Excellent.*
Henry Disston

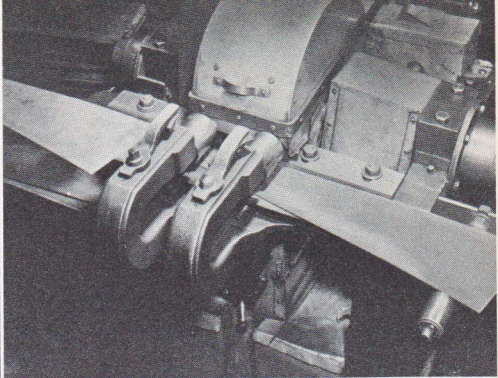
ESTABLISHED
1835
HENRY DISSTON & SONS
PHILADELPHIA
D-23
LIGHTWEIGHT

"DISSTON" No 68

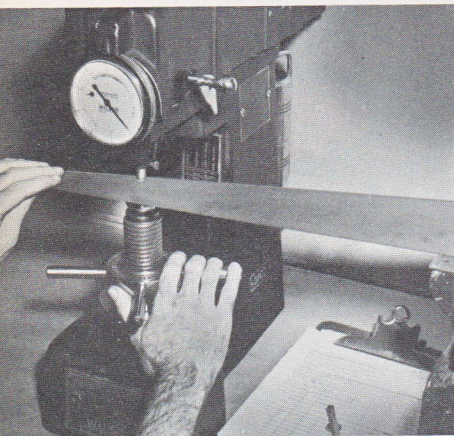
DISSTON & SONS
PHILADELPHIA, U.S.A.



Hot rolling of hand saw sheets.



Tothing hand saw on automatic machine.



Testing for temper after removing from tempering furnace.



Tensioning hand saw blades in Smithing Department.



Etching hand saw blades is a painstaking operation.



Placing handles on blades and tightening up screws.



Finished saw being packed for the trade.

PATTERNS LENGTHS AND POINTS

in which Disston Hand Saws are made

DISSTON LIGHTWEIGHT PATTERNS

LIGHTWEIGHT PATTERN SAWS

These saws have narrower blades and are lighter in weight, but in cutting efficiency and balance, in hardness, temper and in improved design and finish—they are equal in every respect to the heavier saws formerly manufactured.

All Disston Saws, except the D-8, are made lightweight straight-back. All are balanced with a precision which carries the force of the thrust directly to the cutting edge. They have the same easy-running, fast-cutting blades that always have distinguished Disston Hand Saws, with the added advantage of less weight and less width.

Numbers, patterns, lengths and points are given for quick reference.

Number	Length	Points Cross-cut	Points Rip
D-95 Lightweight Straight-back	26"	7, 8, 9, 10, 11, 12	5½
D-15 Lightweight Straight-back	24" 26"	8, 10 7, 8, 9, 10, 11, 12	5½
D-12 Lightweight Straight-back	26"	7, 8, 9, 10, 11, 12	5½
D-23 Lightweight Straight-back	20" 24" 26"	10, 11 8, 9, 10, 11 7, 8, 9, 10, 11	5½
D-8 Mediumweight Skew-back	20" 22" 24" 26"	10, 11 8, 10, 11 8, 9, 10, 11 7, 8, 9, 10, 11	5½
D-7 Lightweight Straight-back	26"	7, 8, 9, 10, 11	5½

DISSTON HAND SAWS



D-95 LIGHTWEIGHT, Straight-back

The Disston D-95 Masterpiece Hand Saw is the finest saw Disston ever made. Streamlined for beauty, action, service!

Blade of the finest Disston Steel, *thin back*, perfectly ground by a process exclusive with Disston. Tooth edge same gauge throughout; blade tapers evenly from butt to point and from tooth edge to back. Blade set and filed. Highly polished.

Disstonite Handle (Patent No. 2,077,509). New in design and construction. Handle made of the toughest, strongest molded material ever developed for practical industrial purposes. Blade fits snugly into recess of handle and over 4 hollow-molded dowels. Shield, over dowels, is attached with 4 chromium-plated screws, lock washers and nuts. Cannot work loose.

Masterpiece by Disston

Length	Points to inch Cross-cut	Points to inch Rip	Weight per doz.
26 inches	7, 8, 9, 10, 11, 12	5½	30 lbs.

Packed 1/12 dozen in special box.

Width of 26-inch blade: butt 6 inches; point 1½ inches.



D-15 LIGHTWEIGHT, Straight-back

The Disston D-15, Straight-back Pattern is one of the finest saws Disston makes. Highest quality material, best workmanship, beautiful finish. *The saw for the man who prides himself on fine tools.* *Thin back*, true taper ground by a process exclusive with Disston. Tooth edge the same gauge throughout; blade tapers evenly from butt to point and from tooth edge to back, making a fast, smooth, easy-cutting saw.

Blade of Disston Steel, hardened and tempered; striped back.

Laminated wood, cover-top handle, artistically carved; large hand hole; comfortable grip. Disston weatherproofed natural finish. 5 chromium-plated screws in 26-inch length; 4 chromium-plated screws in 24-inch length.

Length	Points to inch Cross-cut	Points to inch Rip	Weight per doz.
24 inches	8, 10	.....	21 lbs.
26 inches	7, 8, 9, 10, 11, 12	5½	25 lbs.

Packed ½ dozen in box.

Width of 26-inch blade: butt 6 inches; point 1½ inches; 24-inch blade in proportion.



D-12 LIGHTWEIGHT, Straight-back

The Disston D-12, Straight-back Pattern Saw has been accepted for years as the standard of quality in saw making. Used by mechanics everywhere for fine finishing work. It is a fast, smooth, easy-cutting saw; made with *thin back* and is true taper ground by a special process developed by Disston. Tooth edge is same gauge throughout; blade tapers evenly from butt to point and from tooth edge to back.

Blade of Disston Steel, hardened and tempered; high polish; striped back.

Cover-top handle, walnut; full-carved; comfortable grip; Disston weatherproofed natural finish. 5 nickel-plated screws.

Length	Points to inch Cross-cut	Points to inch Rip	Weight per doz.
26 inches	7, 8, 9, 10, 11, 12	5½	22 lbs.

Packed ½ dozen in box.

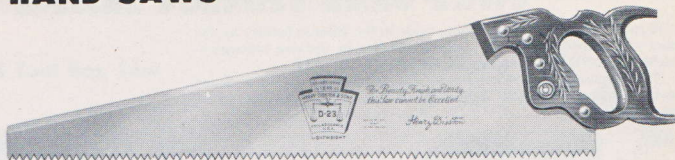
Width of blade: butt 6 inches; point 1½ inches.



REG. U.S. PAT. OFF.

Henry Disston & Sons, INCORPORATED

DISSTON HAND SAWS



D-23 LIGHTWEIGHT, Straight-back

The Disston D-23 Lightweight, Straight-back Pattern Saw—the largest selling lightweight, straight-back saw. *Thin back*, true taper ground by a process exclusive with Disston. Tooth edge is the same gauge throughout; blade tapers evenly from butt to point and from tooth edge to back.

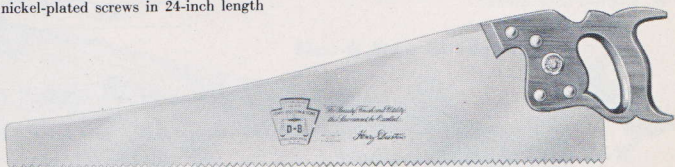
Blade of Disston Steel, hardened and tempered; high polish; striped back.

Cover-top hardwood handle; full carved; large hand hole; Disston weatherproofed natural finish. 5 nickel-plated screws in 26-inch length; 4 nickel-plated screws in 24-inch length and shorter.

Length	Points to inch Cross-cut	Points to inch Rip	Weight per doz.
20 inches	10, 11	.....	14 lbs.
24 inches	8, 9, 10, 11	.....	18 lbs.
26 inches	7, 8, 9, 10, 11	5½	22 lbs.

Packed ½ dozen in box.

Width of 26-inch blade: butt 6 inches; point 1½ inches; other lengths in proportion.



D-8 MEDIUMWEIGHT, Skew-back

The Disston D-8 Mediumweight, Skew-back Pattern Saw, "the Saw Most Carpenters Use", is the original skew-back saw. Patented by Henry Disston, June 23, 1874. Best known and largest selling skew-back saw. *Thin back*, true taper ground by a process exclusive with Disston. Tooth edge is the same gauge throughout; blade tapers evenly from butt to point and from tooth edge to back.

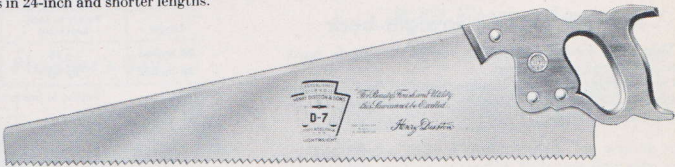
Blade of Disston Steel, hardened and tempered; high polish; striped back.

Cover-top hardwood handle; Disston weatherproofed natural finish. 5 nickel-plated screws in 26-inch length; 4 nickel-plated screws in 24-inch and shorter lengths.

Length	Points to inch Cross-cut	Points to inch Rip	Weight per doz.
20 inches	10, 11	.....	14½ lbs.
22 inches	8, 10, 11	.....	15½ lbs.
24 inches	8, 9, 10, 11	.....	19¾ lbs.
26 inches	7, 8, 9, 10, 11	5½	22¾ lbs.

Packed ½ dozen in box.

Width of 26-inch blade: butt 6½ inches; point 2½ inches; other lengths in proportion.



D-7 LIGHTWEIGHT, Straight-back

The Disston D-7 Lightweight, Straight-back Pattern Saw is the original Henry Disston saw, made since 1840.

Blade, *thin back*, true taper ground by a process exclusive with Disston. Tooth edge is the same gauge throughout; blade evenly ground from butt to point and from tooth edge to back, making a smooth, easy-cutting saw.

Blade of Disston Steel, hardened and tempered; polished; striped back.

Cover-top hardwood handle; comfortable grip; Disston weatherproofed natural finish; 4 nickel-plated screws.

Length	Points to inch Cross-cut	Points to inch Rip	Weight per doz.
26 inches	7, 8, 9, 10, 11	5½	22 lbs.

Packed ½ dozen in box.

Width of 26-inch blade: butt 6 inches; point 1½ inches.

ESTABLISHED 1840

In 1840 Henry Disston began the manufacture of saws in Philadelphia, and trained saw makers in his methods. Disston Saws rapidly displaced imported saws throughout America.



KEYSTONE HAND SAWS

A good utility line of hand saws, made in the Disston factory by the men who have helped build Disston prestige in the saw industry—etched KEYSTONE made by DISSTON.

The Keystone Line of hand saws was designed to appeal to home owners, farmers, students and all others who want a popular priced hand saw.

K-6½ Challenger, Straight-back

Thin back, taper ground, special steel blade hardened, tempered and highly polished. Teeth set and bevel filed. Strong moulded plastic handle, attractive mottled brown color, with four brass screws.



Length	Points to inch Cross-cut	Points to inch Rip	Weight per doz.
26 inches	8, 10	5½	21 lbs.

Packed ¼ dozen in box.

K-6 Challenger, Skew-back

Special steel blade, hardened, tempered, and highly polished. Thin back, taper ground, teeth set and bevel filed.

Full carved comfortable hardwood handle, weatherproofed natural finish. 4 brass screws in 26-inch length; 24-inch, 3 brass screws.



Length	Points to inch Cross-cut	Points to inch Rip	Weight per doz.
24 inches	8, 10	.....	19 lbs.
26 inches	8, 10	5½	23 lbs.

Packed ¼ dozen in box.

K-4 Air Master, Straight-back

Thin back; teeth set and filed. Special steel blade, hardened, tempered and polished.

Comfortable hardwood handle, weatherproofed natural finish; carved on grip. 26" saw has 4 brass screws. 20" saw has 3 brass screws.



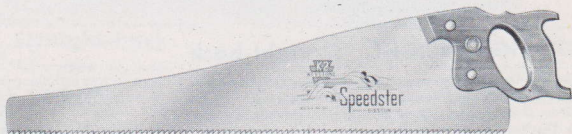
Length	Points to inch Cross-cut	Points to inch Rip	Weight per doz.
20 inches	10	.....	13 lbs.
26 inches	8, 10	5½	21 lbs.

Packed ¼ dozen in box.

K-2 Speedster, Skew-back

Special steel blade, hardened, tempered and polished. Set and filed.

Comfortable hardwood handle, weatherproofed natural finish. 3 brass screws.



Length	Points to inch Cross-cut	Weight per doz.
26 inches	8	20 lbs.

Packed ¼ dozen in box.



SPECIAL PURPOSE HAND SAWS

No. 28 Tool Box Saw



The Disston No. 28 Tool Box Saw is a handy tool for small work and use in close quarters.

Blade of Disston Steel, skew-back; hardened and tempered; polished; striped back; 10 points to the inch. Teeth are carefully set and filed to insure true-cutting.

Hardwood handle, with weatherproofed natural finish. 2 brass screws.

Length	Weight per doz.
12 inches	8 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 801 Plasterer's Saw



The Disston No. 801 Plasterer's Saw is used for cutting through plaster and lath. Blade of Disston Steel; hardened and tempered; polished; $1\frac{3}{8}$ inches wide at point, 5 inches wide at butt; 4 points to the inch.

Hardwood handle, with weatherproofed natural finish; 3 brass screws.

Length	Weight per doz.
20 inches	16 $\frac{1}{2}$ lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 10 Plumber's Saw



The Disston No. 10 Plumber's Saw is tempered to cut joists, rafters, flooring, etc., in which nails are embedded. Will also cut soil pipe, gas pipe, etc.

Blade of Disston Steel, specially tempered; taper ground; 12 points to the inch.

Reversible cherry handle, weatherproofed natural finish. Carved; nickel-plated bolt and wing nut.

Length	Width at Butt	Width At Point	Weight per doz.
18 inches	3 $\frac{1}{2}$ inches	1 $\frac{3}{4}$ inches	11 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 1 Pattern Maker's Saw



The Disston No. 1 Pattern Maker's Saw blade is extremely thin. Designed for small, accurate work. The teeth are shaped to make a fine cut; 15 points to the inch. Blade of Disston Steel, applewood handle; 2 brass screws.

Length	Width of Blade	Weight per doz.
7 $\frac{1}{2}$ inches	1 $\frac{1}{2}$ inches	4 $\frac{1}{2}$ lbs.

Packed 1/12 dozen in box.

No. 6 Stair Builder's Saw



The Disston No. 6 Stair Builder's Saw is adjustable to cut various depths up to $\frac{3}{4}$ -inch. Blade of Disston Steel; 8 points to inch.

One-piece hardwood handle and frame, weatherproofed natural finish; 2 screws.

Length	Width of Blade	Weight per doz.
6 inches	1 $\frac{1}{2}$ inches	9 lbs.

Packed $\frac{1}{2}$ dozen in box.

D-19 Flooring Saw



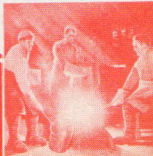
The Disston D-19 Flooring Saw is for general repair work. Will cut section out of floor, panelled side walls, panelled ceiling, etc., easily and neatly—no boring holes or chiseling necessary.

Blade of Disston Steel; 9 points to the inch; toothed on rounded point and half way back to cut on push or draw stroke; 4 inches wide at butt.

Reversible cherry handle, weatherproofed natural finish. Carved; nickel-plated bolt and wing nut.

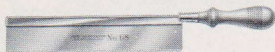
Length	Weight per doz.
18 inches	12 $\frac{1}{2}$ lbs.

Packed $\frac{1}{2}$ dozen in box.



SPECIAL PURPOSE, MITRE AND BACK SAWS

No. 68 Dovetail Saw



The Disston No. 68 Dovetail Saw has a round handle on straight line with the back of the saw; used for tenoning, dovetailing, ship-model building, toy-making, cog-cutting, and other fine work.

Blade of Disston Steel; 25 gauge; 15 points to the inch; brass-plated back.

Hardwood handle, weatherproofed natural finish; heavy brass-plated ferrule. Rivet through handle, ferrule and tang prevents handle from working loose or turning.

Length	Width under Back	Weight per doz.
8 inches	1½ inches	6 lbs.
10 inches	1¾ inches	7½ lbs.

Packed 1/6 dozen in box.

No. 1 Bead Saw



The Disston No. 1 Bead Saw is used for scoring window frames, door frames, etc. for weather stripping.

Blade of Disston Steel, 10 inches long, convex edge; concave back. 1½ inches wide at handle, curving to a point; teeth at the point of the blade have ¼-inch spacing.

Hardwood handle, weatherproofed natural finish; 3 brass screws.

Length	Weight per doz.
10 inches	6½ lbs.

Packed ¾ dozen in box.

No. 80 Cabinet Saw



The Disston No. 80 Cabinet Saw is made for cabinet making, manual training school work, mitreing, etc.

Blade of Disston Steel; one edge toothed 10 points to the inch for ripping; other edge toothed 15 points to inch for cross-cutting.

Adjustable cherrywood handle, weatherproofed natural finish; nickel-plated bolt and wing nut.

Length	Width	Weight per doz.
12 inches	3½ inches	10 lbs.

Packed ¾ dozen in box.

No. 4 Mitre Box Saw



The Disston No. 4 Mitre Box Saw is a high grade tool in every respect—the best mitreing saw made. All lengths and widths 11 points. Blade rests deep in handle which, with stiff back, helps support blade and assures a smooth, clean cut.

Blade of Disston Steel; heavy steel back, polished. Beechwood handle, weatherproofed natural finish; brass screws.

Length	Width under Back	Screws	Weight per Doz.
22 inches	4 inches	3	42 lbs.
24 inches	4 inches	3	45 lbs.
26 inches	4 inches	3	50 lbs.
28 inches	5 inches	4	54 lbs.
30 inches	6 inches	4	60 lbs.

Packed 1/12 dozen in box.

No. 4 Back Saw



The Disston No. 4 Back Saw has an extra heavy, bright steel back to give greater stiffness to the blade and help hold the saw in the cut.

Disston Steel blade, hardened and tempered; bevel filed teeth for cutting across or diagonally to the grain. Blade and back extend well into handle to insure better control.

Beechwood handle, weatherproofed natural finish; comfortable grip; brass screws.

Length	Width under Back	Points to inch	Screws	Weight per doz.
10 inches	2½ inches	13	2	13½ lbs.
12 inches	3 inches	13	3	18¾ lbs.
14 inches	3½ inches	13	3	22 lbs.
16 inches	3¾ inches	13	3	26 lbs.

Packed ¾ dozen in box.

K-1 Keystone Back Saw



The K-1 Keystone Back Saw has blade of special steel, supported by a stiff polished steel back. Hardwood handle, weatherproofed natural finish; 3 brass screws.

Length	Width under Back	Points to inch	Screws	Weight per doz.
12 inches	3 inches	13	3	13 lbs.
14 inches	3¾ inches	13	3	17 lbs.

Packed ¾ dozen in box.

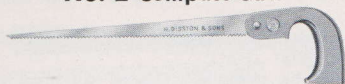


REG. U.S. PAT. OFF.

Henry Disston & Sons, INCORPORATED

COMPASS SAWS

No. 2 Compass Saw



The Disston No. 2 Compass Saw is made to stand the strain of cutting curves. It is taper ground from tooth edge to a thin back, which allows for clearance.

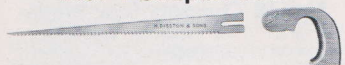
Blade of Disston Steel, polished, hardened and tempered. It tapers to a sharp point and is toothed to the point for easy sawing in small holes and for cutting sharp curves. Special shaped teeth, 10 points.

Hardwood handle, weatherproofed natural finish; comfortable, open grip; 2 nickel-plated screws.

Length	Weight per doz.
12 inches	6 lbs.
14 inches	6½ lbs.

Packed ¼ dozen in box.

No. 4 Compass Saw



The Disston No. 1 Compass Saw has a square top handle permitting blades to be used in regular or reverse position in close quarters. Blades are also interchangeable; the same handle will take a 12 or 14-inch blade.

Blade of Disston Steel, polished, hardened and tempered; taper ground; thin back. Special shaped teeth, 10 points.

Square-top hardwood handle with comfortable open grip. Weatherproofed natural finish; nickel-plated bolt and wing nut.

Length	Weight per doz.
12 inches	6 lbs.
14 inches	6½ lbs.

Packed ¼ dozen in box. Not assembled.

No. 8 Plumber's Compass Saw



The Disston No. 8 Plumber's Compass Saw is made for rough, heavy work.

Extra heavy Disston Steel blade is hardened and tempered; taper ground for clearance; 8 points to the inch.

Butt of blade is slotted with hole in front of slot, which rigidly secures blade in either regular or reverse position.

Square-top hardwood handle with comfortable open grip. Weatherproofed natural finish; nickel-plated bolt and wing nut.

Length	Weight per doz.
12 inches	7 lbs.
14 inches	7½ lbs.

Packed ¼ dozen in box.

No. 18 Compass Saw



The Disston No. 18 Compass Saw is made of special steel, taper ground for clearance and tempered to cut nails, 11 points to the inch. The butt of the blade is slotted.

Saw can be used with blade in either regular or reverse position.

Square-top hardwood handle with comfortable open grip. Weatherproofed natural finish; nickel-plated bolt and wing nut.

Length	Weight per doz.
14 inches	7 lbs.

Packed ¼ dozen in box.

K-302 Keystone Compass Saw



K-302 Keystone Compass Saw is made of special steel, hardened, tempered and polished; toothed 8 points to inch; set and filed.

Square-top hardwood handle with weatherproofed natural finish and comfortable open grip; 2 brass screws.

Length	Weight per doz.
12 inches	5½ lbs.
14 inches	6 lbs.

Packed ¼ dozen in box.

K-304 Keystone Compass Saw



K-304 Keystone Compass Saw is made of special steel, hardened and tempered, toothed 8 points to inch. Blade held securely with wing nut. Blades are interchangeable.

Hardwood handle, comfortable open grip, weatherproofed natural finish. Nickel-plated bolt and wing nut.

Length	Weight per doz.
12 inches	6 lbs.
14 inches	6½ lbs.

Packed ¼ dozen in box. Not assembled.

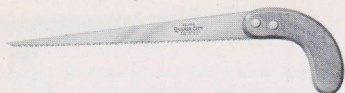
ESTABLISHED 1840

In 1865, because he needed better files, Henry Disston began manufacturing files. Today, Disston makes more than 250 kinds and uses more than 35,000 dozen annually in the Disston plant.



COMPASS SAWS AND BLADES

No. 402 Quaker City Compass Saw



No. 402 Quaker City Compass Saw is made of special steel, hardened and tempered; 8 points to inch.

Hardwood handle, weatherproofed natural finish; 2 rivets.

Length	Weight per doz.
12 inches	5½ lbs.

Packed ½ dozen in box.

No. 8 Plumber's Compass Saw Blade



Disston No. 8 Plumber's Compass Saw Blade is for rough, heavy work. Made of Disston Steel, taper ground, thin back; 8 points to the inch. Slotted for use in No. 8 Compass Saw handle. Butt of blade has hole and slot; held rigidly in regular or reverse position.

Can be used in any Disston Compass Saw handle.

Length	Weight per doz.
12 inches	2½ lbs.
14 inches	3 lbs.

Packed 1 dozen in box.

No. 2 Compass Saw Blade



The Disston No. 2 Compass Saw Blade is made of Disston Steel, hardened and tempered; bright polish, taper ground; 10 points to the inch.

Thin back permits of cutting small radius curves without binding.

The special shaped teeth cut easily with or across the grain. Sharp point enters work readily. Butt punched for 2 screws.

Length	Weight per doz.
12 inches	1¾ lbs.
14 inches	2 lbs.

Packed 1 dozen in box.

No. 18 Compass Saw Blade



The Disston No. 18 Compass Saw Blade is made of special steel, 11 points to the inch, taper ground for clearance and tempered to cut nails.

Butt of blade is slotted; blade can be used in any Disston Compass Saw handle.

Length	Weight per doz.
14 inches	3 lbs.

Packed 1 dozen in box.

No. 4 Compass Saw Blade



Disston No. 4 Compass Saw Blade is made of Disston Steel, hardened and tempered, bright finish, taper ground, thin back. Special shaped teeth. Sharp point for easy access to holes in wood. 10 points to the inch. Butt of blade slotted.

This blade may be used in any Disston Compass Saw handle.

Length	Weight per doz.
12 inches	1¾ lbs.
14 inches	2 lbs.

Packed 1 dozen in box.

K-302 } Keystone Compass Saw Blades K-304 }



K-302 and K-304 Keystone Compass Saw Blades are made of special steel, hardened and tempered, toothed 8 points to inch.

K-302 holes punched for 2 screws; K-304 slotted.

No.	Length	Weight per doz.
K-302	12 inches	1 lb.
K-302	14 inches	1½ lbs.
K-304	12 inches	1 lb.
K-304	14 inches	1½ lbs.

Packed 1 dozen in box.



NESTS OF SAWS

No. 3 Nest of Saws



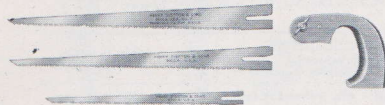
The Disston No. 3 Nest of Saws is a combination of 3 blades and 1 handle. Adapted to a wide range of work: cutting keyholes and other small work; cutting curves and shapes in heavier work; pruning fruit trees and shrubbery.

All blades are made of Disston Steel, hardened, tempered, taper ground, slotted to receive tightening bolt in handle. Hardwood handle, weatherproofed natural finish, with nickel-plated bolt and wing nut, permitting quick adjustment and replacement of blades. Square top permits reversing blade for work in close quarters.

	Length	Points to inch	Weight per doz.
Pruning Blade	16 inches	8	3 lbs.
Compass Blade	14 inches	10	2 lbs.
Keyhole Blade	10 inches	10	1 lb.
Handle	.....	.....	4 lbs.
No. 3 Complete	.....	.....	10 lbs.

Packed $\frac{1}{4}$ dozen in box.

No. 7 Nest of Saws



The Disston No. 7 Nest of Saws consists of 3 blades and 1 handle. Each blade is made for a special purpose—one for keyhole work, another for compass saw work and a third is especially tempered, for cutting nails, lead pipe and light metals.

All blades are made of Disston Steel, hardened, tempered, taper ground, slotted to receive tightening bolt in handle. Hardwood handle, weatherproofed natural finish, with nickel-plated bolt and wing nut, permitting quick adjustment and replacement of blades. Square top permits reversing blade for work in close quarters.

	Length	Points to inch	Weight per doz.
Keyhole Blade	10 inches	10	1 lb.
Compass Blade	14 inches	10	2 lbs.
Nail Cutting Blade	14 inches	11	2 lbs.
Handle	.....	.....	4 lbs.
No. 7 Complete	.....	.....	9 lbs.

Packed $\frac{1}{4}$ dozen in box.

No. 60 Nest of Saws



The Disston No. 60 Nest of Saws is a combination of 3 blades and 1 handle.

All blades are made of Disston Steel, hardened, tempered, taper ground, slotted to receive tightening bolt in handle. Hardwood handle, weatherproofed natural finish, with nickel-plated bolt and wing nut for quick replacement of blades. Square top permits reversing blade for work in close quarters.

	Length	Points to inch	Weight per doz.
Keyhole Blade	10 inches	10	1 lb.
Compass Blade	14 inches	10	2 lbs.
Pruner's Blade	18 inches	15	4 lbs.
Handle	.....	.....	4 lbs.
No. 60 Complete	.....	.....	11 lbs.

Packed $\frac{1}{4}$ dozen in box.

K-300 Keystone Nest of Saws



K-300 Keystone Nest of Saws comprises 3 blades and 1 handle—one blade for cutting keyholes and close corners; a compass blade for cutting curves and holes in wood; and a pruning saw blade. Hardwood handle, weatherproofed natural finish; nickel-plated bolt and wing nut.

	Length	Points to inch	Weight per doz.
Keyhole Blade	10 inches	10	1 lb.
Compass Blade	14 inches	8	2 lbs.
Pruning Blade	16 inches	8	3 lbs.
Handle	.....	.....	4 lbs.
K-300 Complete	.....	.....	10 lbs.

Packed $\frac{1}{4}$ dozen in box.

No. 400 Quaker City Nest of Saws



No. 400 Quaker City Nest of Saws comprises 3 blades and 1 handle. One blade for keyholes; a compass blade for curves and holes; and a pruning saw blade. Hardwood handle, weatherproofed natural finish; bolt and wing nut.

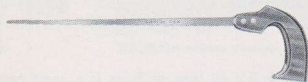
	Length	Points to inch	Weight per doz.
Keyhole Blade	10 inches	10	1 lb.
Compass Blade	14 inches	8	2 lbs.
Pruning Blade	16 inches	8	3 lbs.
Handle	.....	.....	4 lbs.
No. 400 Complete	.....	.....	10 lbs.

Packed $\frac{1}{4}$ dozen in box.



KEYHOLE AND COPING SAWS

No. 15 Keyhole Saw



The Disston No. 15 Keyhole Saw is the tool for cutting keyholes, frets and other close inside work.

Disston Steel blade, thin back, tapered to a sharp point; 10 points to the inch. Open-grip handle of hardwood, weatherproofed natural finish; comfortable grip; 2 brass screws.

Length	Weight per doz.
10 inches	3½ lbs.
12 inches	3¾ lbs.

Packed ½ dozen in box.

No. 12 Keyhole Saw

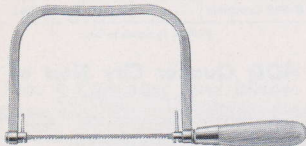


The No. 12 Standard Keyhole Saw is made of special steel, 10 points to the inch. Open-grip, hardwood handle; weatherproofed natural finish. 2 brass-plated rivets.

Length	Weight per doz.
10 inches	3½ lbs.
12 inches	4 lbs.

Packed ½ dozen in box.

No. 10 Coping Saw



The Disston No. 10 Coping Saw cuts curves, sharp angles, etc., with ease. Stretchers with pin measuring ¾-inch long in each for turning blade to angle desired.

Frame of Disston Steel, ¾-inch wide, ¾-inch thick, 4¼ inches deep from tooth edge to inside of back.

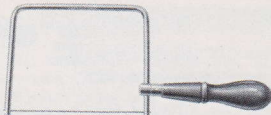
Two No. 10 blades supplied, 1 in the frame and 1 extra.

Hardwood handle, weatherproofed natural finish, reinforced with ferrule. Square nut in handle engages threaded end of stretcher. By turning handle blade is strained.

Length	Depth of Frame	Weight per doz.
6¾ inches	4¾ inches	7½ lbs.

Packed ½ dozen in box.

No. 2 Coping Saw



The No. 2 Coping Saw has a heavy, round wire frame—¾-inch in diameter. Rivet through brass ferrule, handle and plug prevents handle from turning.

No. 2 blade of special steel, oil hardened and tempered. Has loop at each end. Can be set in frame to cut straight or at right angles. Hardwood handle, stained cherry. One dozen extra blades with each frame.

Length	Depth of Frame	Weight per doz.
6 inches	4¾ inches	4 lbs.

Packed ½ dozen in box.

No. 10 Coping Saw Blade (pin-end)



The Disston No. 10 Coping Saw Blade (pin-end) is made of spring saw steel. Bright blade, hardened and tempered, teeth filed and set. A strong, durable blade, 17 points to the inch. Fits the No. 10 Coping Saw Frame.

Length		Width	Thick-ness	Weight per gross
Between Pins	Over-all			
6¾ inches	6¾ inches	½ inch	.020	10 ozs.

Packed 1 dozen in envelope; 1 gross in box.

No. 2 Coping Saw Blade (loop-end)



The Disston No. 2 Coping Saw Blade (loop-end) is a new, all-purpose coping saw blade of a special steel for cutting wood, Bakelite, brass, celluloid, bone, composition board, copper, etc. Loops are tempered to stand strain of tension. Oil hardened and tempered, teeth set and filed. Black finish. A strong, durable blade. 16 points to the inch.

Length Over-all	Width	Thickness	Weight per gross
6 inches	.050 in.	.020	6 ozs.

Packed 1 dozen in envelope; 1 gross in box.



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Henry Disston & Sons, INCORPORATED

HANDLES FOR BACK, COMPASS AND NEST OF SAWS

No. 4 Back Saw Handle

The Disston No. 4 Back Saw Handle is made of beechwood; weatherproofed natural finish, slit and bored.

Length of Blade	Weight per doz.
10 inches	3¾ lbs.
12 inches	3¾ lbs.
14 inches	4½ lbs.
16 inches	5½ lbs.

Packed 1 dozen in box.



No. 2 Compass Saw Handle

The Disston No. 2 Compass Saw Handle is made of hardwood; weatherproofed natural finish, slit and bored.

Pattern	Weight per doz.
No. 2	3¼ lbs.

Packed 1 dozen in box.



K-1 Back Saw Handle

The K-1 Back Saw Handle is made of hardwood; weatherproofed natural finish, slit only.

Length of Blade	Weight per doz.
12 inches	3¾ lbs.
14 inches	4½ lbs.

Packed 1 dozen in box.



No. 4 Compass Saw Handle

The Disston No. 4 Compass Saw Handle is made of hardwood; weatherproofed natural finish; nickel-plated bolt and wing nut.

This handle is also used on Nos. 3, 7 and 60 Nests of Saws and Nos. 8 and 18 Compass Saws.

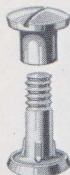
Pattern	Weight per doz.
No. 4, etc.	4¼ lbs.

Packed 1 dozen in box.

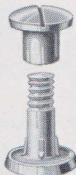


Saw Screws

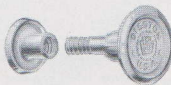
For the Disston Line of Saws



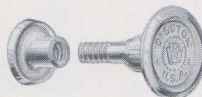
No. 1



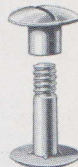
No. 2



No. 3



No. 4



No. 08

Saw Screws have strong heads, deeply-cut thread; polished. Medallion heads are stamped DISSTON, U. S. A.

Weights, sizes and styles of these screws are found in the table below.

Screw	Material	Diam. Head	Style Head	Weight per doz.
No. 1	Solid Brass	½ inch	Plain	4 ozs.
No. 2	Solid Brass	¾ inch	Plain	4 ozs.
No. 3	Solid Brass	1¼ inch	Medallion	6 ozs.
No. 4	Solid Brass	1 inch	Medallion	8 ozs.
No. 08	Brass-plated Steel	½ inch	Plain	4 ozs.

Packed 1 dozen in box.

The table at foot of this column shows the kind and number of screws used in the different Disston Hand Saw patterns and will guide you in ordering hand saw handle screws for replacement.

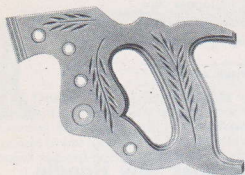
Pattern	Length inches	Number Screws
D- 7.....	26	3 No. 2, 1 No. 4 Nickel
D- 8 Mediumweight	20-22-24	3 No. 1, 1 No. 3 Nickel
	26	4 No. 2, 1 No. 4 Nickel
D-12.....	26	4 No. 2, 1 No. 4 Nickel
D-15.....	24	3 No. 1, 1 No. 3 Chrome
D-15.....	26	4 No. 1, 1 No. 3 Chrome
D-23.....	20-24	3 No. 1, 1 No. 3 Nickel
D-23.....	26	4 No. 1, 1 No. 3 Nickel



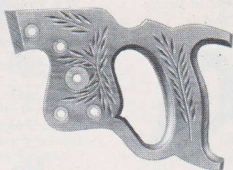
In the year 1874 Henry Disston designed the skew-back saw. Until then all hand saws had straight backs. He called in his engineer and with a piece of crayon drew the design on the office floor.

ESTABLISHED 1840

HAND SAW HANDLES



D-15 Laminated wood—
full carved; bored; weather-
proofed natural finish.



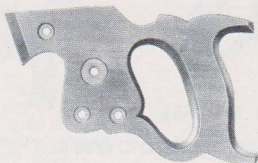
D-12 Walnut, full carved;
bored; weatherproofed
natural finish.



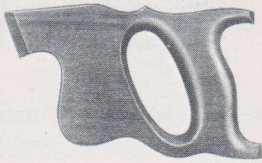
D-23—Hardwood, full
carved; bored; weather-
proofed natural finish.



D-8 Hardwood; bored;
weatherproofed natural
finish.



D-7 Hardwood; bored;
weatherproofed natural
finish.



No. 66—Slit only; Hard-
wood; weatherproofed
natural finish.

No. 68—Plain edge;
sanded finish.

Disston Hand Saw Handles are made the same as the handle originally placed on the blade. Carefully selected hardwood is air seasoned for one year and then kiln dried to further remove moisture. The Disston weatherproof finish seals the pores and prevents checking, splitting, and warping.

Holes for saw screws are accurately counter bored, screws are flush with handle; so handle may be replaced easily. All Disston hand saw handles have a large hand hole with comfortable grip and weatherproofed natural finish. All are designed to give Disston Hand Saws perfect hang and balance.

All slit and bored except Nos. 66 and 68 which are slit, only

Pattern	Packed in Box	Weight per Doz.
D-15 Weatherproof Finish	1 Dozen	6 lbs.
D-12 Weatherproof Finish	1 Dozen	5½ lbs.
D-23 Weatherproof Finish	1 Dozen	6 lbs.
D-8 Weatherproof Finish	1 Dozen	6 lbs.
D-7 Weatherproof Finish	1 Dozen	6 lbs.
No. 66 Weatherproof Finish	1 Dozen	6½ lbs.
No. 68 Plain Edge	1 Dozen	6¾ lbs.



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Henry Disston & Sons, INCORPORATED

DISSTON PRUNING TOOLS

PRUNING SAWS
HEDGE SHEARS
HAND PRUNERS
LOPPING SHEARS
SPRING RAKES



PRUNING SAWS

No. 38 Pruning Saw



The Disston No. 38 Pruning Saw has blade of Disston Steel, taper ground; long, slender needle-shaped teeth, 8 points; cuts on draw stroke.

Folding hardwood handle with nickel plated wing nut and bolt; handle weatherproof finish. Butt end of blade rests firmly against rivet when pruning.

Use Disston No. 38 Special File for sharpening.

Length of Blade	Weight per doz.
12 inches	6½ lbs.

Packed ½ dozen in box.

No. 168 Pruning Saw



The Disston No. 168 Pruning Saw has long, slender needle-shaped teeth; makes a clean cut.

Disston Steel blade; 8 points; cuts on draw stroke; blade 1½ inches wide at handle.

Hardwood handle, weatherproofed natural finish, 2 brass screws.

Use Disston No. 38 Special File for sharpening.

Length of Blade	Weight per doz.
14 inches	6 lbs.

Packed ½ dozen in box.

No. 50 Pruning Saw



The Disston No. 50 Pruning Saw, known as the "California" pattern, has long been established and is growing in demand continually.

Disston Steel blade, taper ground, 8 points to the inch; reversed teeth to cut on the draw stroke. Hardwood handle, weatherproofed; comfortable grip, 3 rivets.

Use Disston 6-inch Extra Slim Taper Saw File for sharpening.

Length of Blade	Weight per doz.
14 inches	9 lbs.

Packed ½ dozen in box.

No. 169 Pruning Saw



The Disston No. 169 Pruning Saw is a folding pattern. Disston Steel blade. Long, slender needle-shaped teeth, 6 points, wide bevel; cuts on draw stroke.

Hardwood handle, weatherproof finish; nickel-plated bolt and wing nut.

Use Disston 6-inch Cant Safe Back File for sharpening.

Length of Blade	Weight per doz.
12 inches	8 lbs.

Packed ½ dozen in box.

No. 166 Pruning Saw



The Disston No. 166 Pruning Saw is the most popular saw of its type made.

Disston Steel blade, 1½ inches wide at handle; 7 points, reversed teeth to cut on the draw stroke.

Hardwood handle, comfortable grip, weatherproofed natural finish, 2 brass screws.

Use Disston 6-inch Extra Slim Taper Saw File for sharpening No. 166 Pruning Saw.

Length of Blade	Weight per doz.
14 inches	6 lbs.

Packed ½ dozen in box.

No. 170 Pruning Saw



The Disston No. 170 Pruning Saw has long, slender needle-shaped teeth, 5½ points; cuts on draw stroke; filed with wide bevel for fast, easy-cutting.

Blade of Disston Steel. Long hardwood handle, weatherproofed natural finish; 2 brass screws.

For sharpening, use Disston 6-inch Cant Safe Back File.

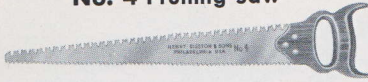
Length of Blade	Length of Handle	Weight per doz.
14 inches	12 inches	10 lbs.

Packed ½ dozen in box.



PRUNING SAWS

No. 4 Pruning Saw



The Disston No. 4 Pruning Saw is popular with those who prefer a straight, tapering blade with teeth on both edges. Blade of Disston Steel; one edge has plain cross-cut teeth, 8 points to the inch; other edge has teeth, known as Lumberman or Lightning style.

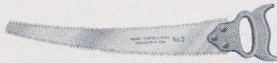
Hardwood handle, weatherproofed natural finish; large hand hole, 3 brass screws.

Use Disston 6-inch Extra Slim Taper Saw File for sharpening cross-cut teeth and 6-inch Cant Saw File for Lumberman teeth.

Length of Blade	Weight per doz.
18 inches	11 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 5 Pruning Saw



The Disston No. 5 Pruning Saw is toothed on both edges and blade tapers from handle to point. Convex edge has 8 point cross-cut teeth to cut on push stroke; concave edge is toothed 7 points to cut on draw stroke. Blade of Disston Steel.

Hardwood handle, weatherproofed natural finish; large hand hole, 3 brass screws.

Use Disston 6-inch Extra Slim Taper Saw File for sharpening.

Length of Blade	Weight per doz.
18 inches	12 lbs.

Packed $\frac{1}{2}$ dozen in box.

K-40 Keystone Pruning Saw



Same as No. 4, except blade is made of special steel. Hardwood handle, weatherproofed natural finish; 2 rivets.

Use Disston 6-inch Extra Slim Taper Saw File for sharpening cross-cut teeth and 6-inch Cant Saw File for Lumberman teeth.

Length of Blade	Weight per doz.
18 inches	9½ lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 31 Pruning Saw



The Disston No. 31 Pruning Saw has a strong blade, the tooth edge directly beneath handle is slightly curved and without teeth, thus preventing saw from catching in clothing when hung from belt.

Blade of Disston Steel, skew-back, 5 inches wide at butt, 1¼ inches wide at point; 7 points to the inch.

Laminated wood handle, weatherproofed natural finish. Extra large hand hole for gloved hand. 4 brass screws.

Use Disston 6-inch Extra Slim Taper Saw File for sharpening.

Length of Blade	Weight per doz.
20 inches	16 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 32 Pruning Saw



The Disston No. 32 Pruning Saw is same as No. 31 except it has Champion teeth for heavier cutting.

Use Disston 6-inch Cant Saw File for sharpening.

Length of Blade	Weight per doz.
24 inches	21 lbs.

Packed $\frac{1}{2}$ dozen in box.

D-27 Pruning Saw



The Disston D-27 Pruning Saw is used by expert tree surgeons and others who prune in a scientific manner.

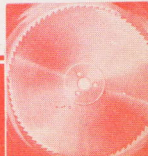
Laminated wood handle, weatherproofed natural finish, comfortable in all cutting positions; 4 brass screws; large hand hole for gloved hand.

Blade of Disston Steel, 6 inches wide at butt, 1¼ inches wide at point; special beveled teeth, 6 points to inch; cuts on push stroke, either dry or green wood.

Use Disston 6-inch Extra Slim Taper Saw File for sharpening.

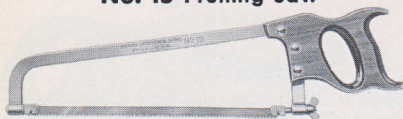
Length of Blade	Weight per doz.
26 inches	21 lbs.

Packed $\frac{1}{2}$ dozen in box.



PRUNING SAWS

No. 15 Pruning Saw



The Disston No. 15 Pruning Saw is the most useful framed pruning saw manufactured.

Blade of Disston Steel, $\frac{1}{2}$ -inch wide; 8 points to inch. Flat, one-piece steel back, solid eyes. Round swivels at both ends of frame permit blade being turned in any direction. This construction allows freeing of blade in cut and reduces possibility of blade breakage. Frame and stretchers cadmium plated.

Hardwood handle, weatherproofed natural finish; extra large hand hole; 3 screws.

Use Disston 6-inch Extra Slim Taper Saw File for sharpening.

Length of Blade Center to Center of Holes	Weight per doz.
14 inches	21 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 15 Pruning Saw Blades

For Disston No. 15 Pruning Saw. Disston Steel, rigid pins, 8 points to inch, set and filed, ready for use.

Length Center to Center of Holes	Width inches	Points to inch	Weight per doz. lbs.
14 inches	$\frac{1}{2}$	8	$\frac{1}{2}$

Packed 1 dozen in box.

Pruning Saw Blades in Coils

Disston Pruning Saw Blades, in coils, are made of Disston Steel, set and filed, ready to cut to length, in the following dimensions:

Length of Coil	Width	Points to inch	Weight per Coil
25 feet	$\frac{1}{2}$ inch	8	$1\frac{1}{4}$ lbs.

Packed 1 coil in box.

No. 114 Pruning Saw

The Disston No. 114 Pruning Saw has a hook on socket for pulling branches out of trees.

Blade curved, taper ground, with 15-inch tooth edge. Long, slender needle-shaped teeth cut easily and clean; 8 points to inch. Cuts on draw stroke.

Socket of malleable iron, aluminum finish. Inside diameter, $1\frac{1}{4}$ inches.

Blade is attached to socket with a wing nut adjustment which permits blade being used at various angles.

Use Disston No. 38 Special File for sharpening the No. 114 Pruning Saw.

Length of Tooth Edge	Weight per doz.
15 inches	12 lbs.

Packed $\frac{1}{2}$ dozen in box.



No. 55 Pruning Saw and Shear



The Disston No. 55 Pruning Saw and Shear has a curved blade which makes sawing easy when this tool is used with pole.

Blade made of Disston Steel, taper ground, with a curving taper from butt to point, 15 inches on tooth edge; has long, slender needle-shaped teeth, 8 points to the inch. Cuts on draw stroke.

Hook frame and socket made of malleable iron, aluminum finish. Shear blade of Disston Steel, hardened and tempered.

The shearing action of the blade makes a smoother, easier cut.

The hook will take a $\frac{3}{4}$ -inch limb. Shear blade is 4 inches long with $1\frac{1}{2}$ -inch cutting edge. Inside diameter of socket, $1\frac{1}{4}$ inches. Strong spring returns shear to open position.

Use Disston No. 38 Special File for sharpening saw blade.

Length of Tooth Edge	Length of Shear Blade	Weight per doz.
15 inches	4 inches	25 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 155 Pruning Shear



The Disston No. 155 Pruning Shear is the shear frame, hook and socket of

the No. 55 Pruning Saw and Shear; can be used with or without pole, in trimming trees, bushes, and shrubbery.

Shear frame, hook and socket are made of malleable iron, aluminum finish; hook will take branches up to $\frac{3}{4}$ -inch in thickness. Inside diameter of socket, $1\frac{1}{4}$ inches. Shear blade has $1\frac{1}{2}$ -inch cutting edge; strong spring gives quick return of blade to cutting position.

Length of Blade	Weight per doz.
4 inches	18 lbs.

Packed $\frac{1}{2}$ dozen in box.

Files for Sharpening Pruning Saws

The Disston Extra Slim Taper Saw File is recommended for filing Nos. 4, 5, 15, 31, 50, 166, D-27 and K-40 Pruning Saws.

The Disston Cant File is recommended for filing No. 32 Pruning Saw.

The Disston Cant Safe Back File is recommended for filing Nos. 169 and 170 Pruning Saws.

The Disston No. 38 Special File is recommended for filing Nos. 38, 55, 114 and 168 Pruning Saws.

Name of Files	Length	Wgt., doz.
Extra Slim Taper	6 inches	$\frac{3}{4}$ lb.
Cant File	6 inches	$1\frac{1}{2}$ lbs.
Cant Safe Back	6 inches	$1\frac{1}{2}$ lbs.
No. 38 Special	6 inches	$2\frac{1}{2}$ lbs.

Packed 1 dozen in box.



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Henry Disston & Sons, INCORPORATED

LOPPING SHEARS



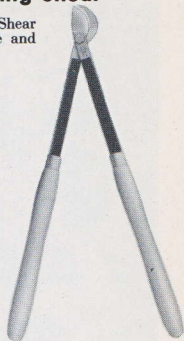
No. 5-L Lopping Shear

The Disston No. 5-L Lopping Shear is made of Disston Steel. Blade and hook drop forged; lever arm and tang forged to shape from one piece of steel.

Blade is concave ground. Blade and hook held with case-hardened bolt and nut. Hook side is tapped with fine thread and when blade is adjusted to hook the nut is tightened and acts as a lock nut. This construction permits very fine tension adjustment.

Blade, hook and lever arms are heat treated for additional strength.

Handles are made of hardwood, 14 inches long, lacquered orange and reinforced with steel ferrule. These unusually long handles enable the user to prune with long or short grip on handles and also allows user to change the position of his hands. Lever arms lacquered black. A stop lug is forged on hook arm to prevent handles closing on hand when in use. Tangs extend through handle and are riveted over washer.



Length of Blade	Length of Handle	Length Over-all	Weight each
2½ inches	14 inches	25 inches	2½ lbs.

Packed in bundle or box according to quantity ordered.

No. 4 Lopping Shear

The Disston No. 4 Lopping Shear is a strong, lightweight, yet rugged shear for heavy duty pruning. Specially designed hook prevents slipping or bruising of the bark when cut is made.

Blade and hook of Disston Steel, hardened and tempered to hold a keen edge; blade and hook full polished. 4½-inch tang on blade and hook, lacquered orange, and inserted in slot in each handle; rigidly secured by 2 special case-hardened socket bolts through each handle.

Blade and hook held with fine thread bolt and nut; hook arm tapped. This gives fine adjustment. Blade overlaps hook in closed position to give longer life after repeated sharpenings. Tangs offset to provide positive stop.

Straight grained, stained hardwood handles.

Length of Blade	Length of Handle	Length Over-all	Weight each
3½ inches	20½ inches	25¼ inches	2 lbs.

Packed in bundle or box according to quantity ordered.

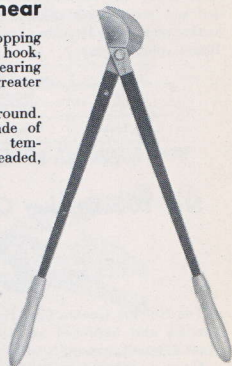
No. 7 Lopping Shear

The Disston No. 7 Lopping Shear has a special shaped hook, which gives the blade a shearing cut. The long arms give greater reach and leverage.

Blade is concave ground. Blade and hook are made of Disston Steel, hardened, tempered and held with fine threaded, case-hardened bolt and nut. Hook arm tapped. This permits very fine tension adjustment.

The blade, hook and tapered arms are forged from one-piece Disston Steel. A forged stop lug on hook arm prevents handles from closing on fingers when in use.

The tangs on arms pass through the round hardwood handles and washers, then are riveted on the ends. Handles lacquered orange, 8 inches long, reinforced by 1-inch ferrules.



Length of Blade	Length of Arms	Length Over-all	Weight each
3½ inches	25¼ inches	28½ inches	3½ lbs.

Packed in bundle or box according to quantity ordered.



In 1893 Disston began manufacturing metal-cutting band saws, hundreds of thousands of which have been produced in the Disston Saw Works. There is a Disston Band Saw for every machine.

ESTABLISHED 1840

HAND PRUNERS



No. 142 Hand Pruner



The Disston No. 142 Hand Pruner. A fine pruner of the two-piece pattern. Solid drop forged steel blade and hook lever. Blade and hook lever ground and polished. Thread and lock nut tension adjustment. Professional type black leather end catch. Handles orange and black lacquer finish. Blued volute spring.

Length of Blade	Length Over-all	Weight per doz.
2½ inches	9 inches	12 lbs.

Packed 1 in box with Disston Pruning Guide

No. 106 Quaker City Hand Pruner



The No. 106 Quaker City Hand Pruner. Malleable iron handles and hardened replaceable blade. Ratchet-nut tensioning adjustment.

Handles and hinged end clasp lacquered green. Blued volute spring.

Length of Blade	Length Over-all	Weight per doz.
2½ inches	9 inches	9 lbs.

Packed 1 in box

No. 158 Hand Pruner



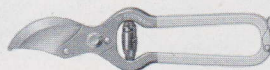
The Disston No. 158 Hand Pruner is a professional-type pruner of the two-piece pattern. Disston Steel blade and hook, hardened and tempered. Entire shear highly polished. Thread and lock-nut tensioning adjustment.

Professional type tan leather end catch with handles open at end to prevent pinching while in use. Blued volute spring.

Length of Blade	Length Over-all	Weight per doz.
2½ inches	9 inches	9¾ lbs.

Packed 1 in box with Disston Pruning Guide

No. 201 Keystone Hand Pruner



The Keystone No. 201 Hand Pruner. Malleable iron handles, replaceable hardened and tempered blade. Shoulder bolt tensioning adjustment. Handles and end clasp lacquered yellow. Blued volute spring.

Length of Blade	Length Over-all	Weight per doz.
2¼ inches	9 inches	12 lbs.

Packed 1 in box with Disston Pruning Guide

No. 47 Garden Trowel



The Disston No. 47 Garden Trowel. Blade, post and tang forged from one piece of Disston Steel; concaved the length of the blade and tapering to a sharp point; lacquered orange and black. Hardwood handle; strong steel ferrule.

Length of Blade	Weight per doz.
6 inches	8 lbs.

Packed ½ dozen in box



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HEDGE SHEARS

No. 30 Hedge Shear



The Disston No. 30 Hedge Shear has Disston Steel blades 1 3/8 inches wide, half oval, hardened, hollow ground, full polished and notched. Top blade is serrated.

Pinned through handle, tang and ferrule. Bolt screwed into threaded hole in blade tightens blades to proper tension. Locknut prevents blades from loosening while in use. Handles of natural clear lacquered hardwood, with black lacquer, diagonal band. Disston, U. S. A., and Keystone stamped in gold.

Length of Blade	Length Over-all	Weight each
8 inches	21 inches	2 1/2 lbs.
10 inches	23 inches	3 lbs.

Packed 1 dozen in carton

No. 40 Hedge Shear



The Disston No. 40 Hedge Shear is the most durable of lightweight shears. Flat blades of Disston Steel, 1 1/8 inches wide, hardened, hollow ground, and polished. Lower blade notched. Blade, shank and tang one-piece forged steel.

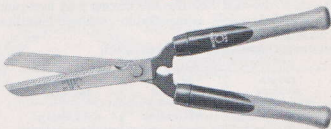
Bolt screwed into threaded hole in blade tightens blades to proper tension. Locknut prevents blades from loosening while in use.

Cherry handle, clear lacquer finish; fastened to the tangs with 2 brass rivets.

Length of Blade	Length Over-all	Weight each
8 inches	22 1/2 inches	2 lbs.

Packed 1 dozen in carton

No. 36 Hedge Shear



The Disston No. 36 Hedge Shear has blades of Disston Steel, ground, hardened, and hand set for smooth, easy action; blades notched. Top blade is serrated.

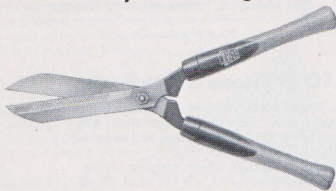
Bolt screwed into threaded hole in blade tightens blades to proper tension. Locknut prevents blades from loosening while in use.

Hardwood handles, clear lacquer finish with red diagonal dip. Pinned through handle, tang and ferrule. Disston, U. S. A., and Keystone stamped in gold.

Length of Blade	Length Over-all	Weight each
8 inches	21 inches	2 1/2 lbs.

Packed 1 dozen in carton

No. 180 Keystone Hedge Shear



The No. 180 Keystone Hedge Shear has blades made of special steel, ground and polished. Top blade is serrated.

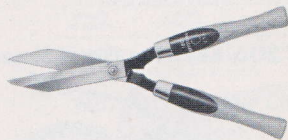
Hardwood handle, clear lacquer finish, with blue lacquer diagonal dip. Pinned through handle, tang and ferrule.

Keystone made by Disston stamped in gold.

Length of Blade	Length Over-all	Weight each
8 inches	20 1/2 inches	2 lbs.

Packed 1 dozen in carton

No. 160 Keystone Hedge Shear



The No. 160 Keystone Hedge Shear is for light work. Special steel blades are ground with long bevel.

Hardwood handles, clear lacquer finish, with blue lacquer diagonal dip. Pinned through handle, tang and ferrule.

No. 160, Keystone, U. S. A., stamped in gold.

Length of Blade	Length Over-all	Weight each
6 inches	17 inches	1 1/4 lbs.

Packed 1 dozen in carton



In 1894 Disston made America's first machine hack saw blades. Millions of Disston Machine Hack Saw and Hand Hack Saw Blades are now used every year throughout the world.

ESTABLISHED 1840

GRASS SHEARS

No. 1100 Grass Shear



The Disston No. 1100 Grass Shear features easy-action and self-tensioning tempered steel blades. Blades are nickel-plated to prevent rust and bolted to handles, for easy removal to facilitate resharpening.

Lightweight die-cast handles are strong and non-pinching and designed for quick, comfortable cutting. Handles lacquered orange.

Convenient, easy to use, thumb catch.

Length of Blade	Length Over-all	Weight per doz.
5¼ inches	12 inches	12 lbs.

Packed 1 in box.
3 dozen in carton.

No. 200 Keystone Grass Shear



The No. 200 Keystone Grass Shear meets the demand for a grass shear similar in design to the Disston No. 1100 to sell at a moderate price.

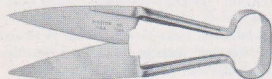
Tempered steel blades are riveted to steel handles. Handles and wire end catch lacquered yellow.

A good serviceable grass shear, attractively finished.

Length of Blade	Length Over-all	Weight per doz.
5¼ inches	12 inches	12 lbs.

Packed 1 in box.
3 dozen in carton.

No. 1104 Grass Shear

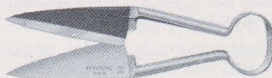


The Disston No. 1104 Grass Shear is made from one piece of special steel, with trowel shank. Full polished, hardened and tempered to retain cutting edge. Ground and set to cut evenly from heel to toe. Bow lacquered orange.

Length of Blade	Length Over-all	Weight per doz.
6¼ inches	12¾ inches	10 lbs.

Packed ½ dozen in box.

No. 207 Keystone Grass Shear

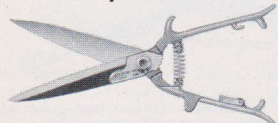


The No. 207 Keystone Grass Shear is made from one piece of steel, hardened and tempered to retain cutting edge. Ground and set to cut evenly from heel to toe. Handles and bow lacquered yellow.

Length of Blade	Length Over-all	Weight per doz.
5¾ inches	12 inches	8 lbs.

Packed ½ dozen in box.

No. 206 Keystone Grass Shear



The No. 206 Keystone Grass Shear has drop forged, hollow ground blades with polished bevel. Malleable iron handles lacquered yellow. Spring clip holds shears closed.

Length of Blade	Length Over-all	Weight per doz.
5¾ inches	13 inches	13 lbs.

Packed ½ dozen in box.

No. 10 Keystone Grass Slasher

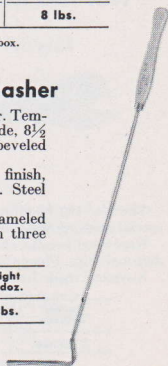
The No. 10 Keystone Grass Slasher. Tempered tool steel blade, 1¼ inches wide, 8½ inch cut, blade slightly concave and beveled on both edges.

Hardwood handle, clear lacquer finish, stamped Keystone No. 10 in blue. Steel ferrule.

Malleable iron shank and rod, enameled yellow. Blade riveted to shank with three rivets.

Length of Blade	Length Over-all	Weight per doz.
8½ inches	38 inches	9 lbs.

Packed 1 dozen in carton.



LAWN RAKES AND GRASS HOOKS

D-24 Spring Action Rake

The Disston Spring Action Rake is today an outstanding tool of this character... the only rake with a "Back-bone" spring which takes the strain off the teeth and does away with the need for a heavy metal frame. This "Back-bone" spring—bolted to handle—is strong and durable, it permits lightweight construction, provides greater flexibility and makes raking jobs easy.

Teeth hardened and oil tempered, special flat spring steel. They are held in place by a patented slot and key construction in ferrule and spacer. Flange on spacer provides four-point suspension of teeth. When in use, oil applied in this spacer insures springier action and longer service.

Natural clear lacquer finished hardwood handle fastened to rake with cadmium-plated steel clip, bolt, washer and nut.



Width	Length of Handle	Length Over-all	Weight ½ doz.
22 inches	57 inches	69 inches	18 lbs.

Packed ½ dozen in container, unassembled

D-18 Spring-Action Rake

The Disston No. D-18 Spring-Action Rake is similar to the D-24 illustrated above but is smaller in size and lighter in weight.

Width	Length of Handle	Length Over-all	Weight ½ doz.
18 ½ inches	54 inches	65 inches	13 ¼ lbs.

Packed ½ dozen in container, unassembled

K-11 Keystone Raketete

The No. K-11 Keystone Raketete Lawn Rake has many outstanding features: Moderate priced; good serviceable quality. Flat spring steel teeth, hardened and tempered, are designed so all teeth touch the ground when raking. Tooth ends are rounded to prevent tearing up roots and tender shoots of grass. Spacing bar secures teeth firmly in position.

Hardwood handle, with tapered end, and clear lacquered finish, wedges securely into socket.

Stamped No. K-11, A Disston Product, Philadelphia, U.S.A. Pat. Applied For. Attractive four color decalcomania on top front of rake head. Rake head lacquered yellow.



Width	Length of Handle	Length Over-all	Weight per doz.
19 inches	48 inches	61 ½ inches	24 lbs.

Packed 1 dozen in container, unassembled

No. 3 Grass Hook



The Disston No. 3 Grass Hook. High quality steel blade, tempered and polished. Wide bevel tapered to sharp cutting edge. Black lacquer offset shank with two rivets in handle. Hardwood handle lacquered orange.

Length of Blade	Length of Handle	Weight per doz.
15 inches	6 inches	9 lbs.

Packed 1 dozen in carton

No. 2 Keystone Grass Hook

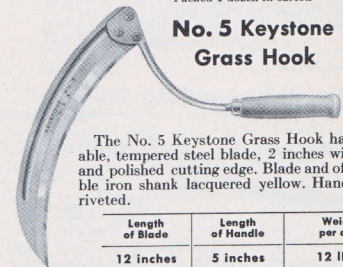


The No. 2 Keystone Grass Hook. High quality steel blade, ⅜" wide. Top of blade lacquered yellow with polished wide bevel and sharp cutting edge. Hardwood handle clear lacquer finish secured to offset shank with two rivets.

Length of Blade	Length of Handle	Weight per doz.
15 inches	6 inches	9 ½ lbs.

Packed 1 dozen in carton

No. 5 Keystone Grass Hook

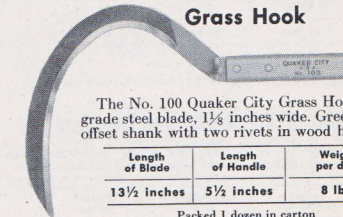


The No. 5 Keystone Grass Hook has a detachable, tempered steel blade, 2 inches wide. Ground and polished cutting edge. Blade and offset malleable iron shank lacquered yellow. Handle securely riveted.

Length of Blade	Length of Handle	Weight per doz.
12 inches	5 inches	12 lbs.

Packed 1 dozen in carton

No. 100 Quaker City Grass Hook



The No. 100 Quaker City Grass Hook has high grade steel blade, 1 ½ inches wide. Green enameled offset shank with two rivets in wood handle.

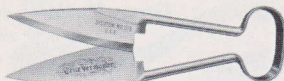
Length of Blade	Length of Handle	Weight per doz.
13 ½ inches	5 ½ inches	8 lbs.

Packed 1 dozen in carton



SHEEP SHEARS AND TREE PRUNERS

No. 1113 Sheep Shear

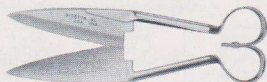


The Disston No. 1113 Sheep Shear is made from one piece of special steel with trowel shank; full polished, hardened and tempered to retain cutting edge. Ground and set to cut evenly from heel to toe.

Length of Blade	Length Over-all	Weight per doz.
5½ inches	12 inches	9 lbs.

Packed ½ dozen in box.

No. 1943 Sheep Shear



The Disston No. 1943 Sheep Shear has hardened, tempered and hollow ground blades. Entire shear full polished. Riveted double bow, offset handles, with shearing scene etched on inside of one blade.

Length of Blade	Length Over-all	Weight per doz.
6¾ inches	13½ inches	12 lbs.

Packed ½ dozen in box.

No. 1130 Roaching Shear



The Disston No. 1130 Roaching Shear. Drop forged blades, hardened and tempered. Inside of blades hollow ground and polished. Malleable iron, offset handles lacquered orange.

Length of Blade	Length Over-all	Weight per doz.
5 inches	10 inches	9 lbs.

Packed ½ dozen in box.

No. 1135 Roaching Shear

The Disston No. 1135 Roaching Shear is the same as No. 1130 illustrated above but with curved blades.

Length of Blade	Length Over-all	Weight per doz.
5 inches	10 inches	9 lbs.

Packed ½ dozen in box.

No. D-3 Tree Pruner

The Disston No. D-3 Tree Pruner is the popular "Waters Pattern" general purpose pruner. Tempered, smooth cutting, steel blade connects to operating lever with wire. Will cut branches up to 1" in diameter.

Length	6 ft.	8 ft.	10 ft.	12 ft.
Wt., Doz.	36 lbs.	44 lbs.	52 lbs.	60 lbs.

Packed ½ dozen in bundle.

No. D-4 Tree Pruner

The Disston No. D-4 Tree Pruner is a favorite of the professional apple growers. Features a sliding operating handle; tempered steel blade, lever, and wire.

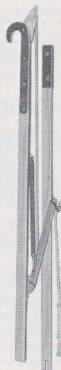
Length	8 ft.	10 ft.	12 ft.
Wt., Doz.	46 lbs.	54 lbs.	62 lbs.

Packed ½ dozen in bundle.

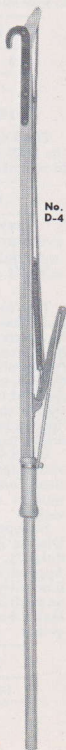
No. D-3



No. D-212



No. D-4



No. D-212 Tree Pruner

The Disston No. D-212 Tree Pruner is made in two 6 ft. jointed sections. Additional sections can be added. Simple operation by rope control. Reinforced steel head, tempered steel blade. Will cut branches up to 1" in diameter.

Length	Weight per dozen
12 ft.	74 lbs.

Packed ½ dozen in carton.

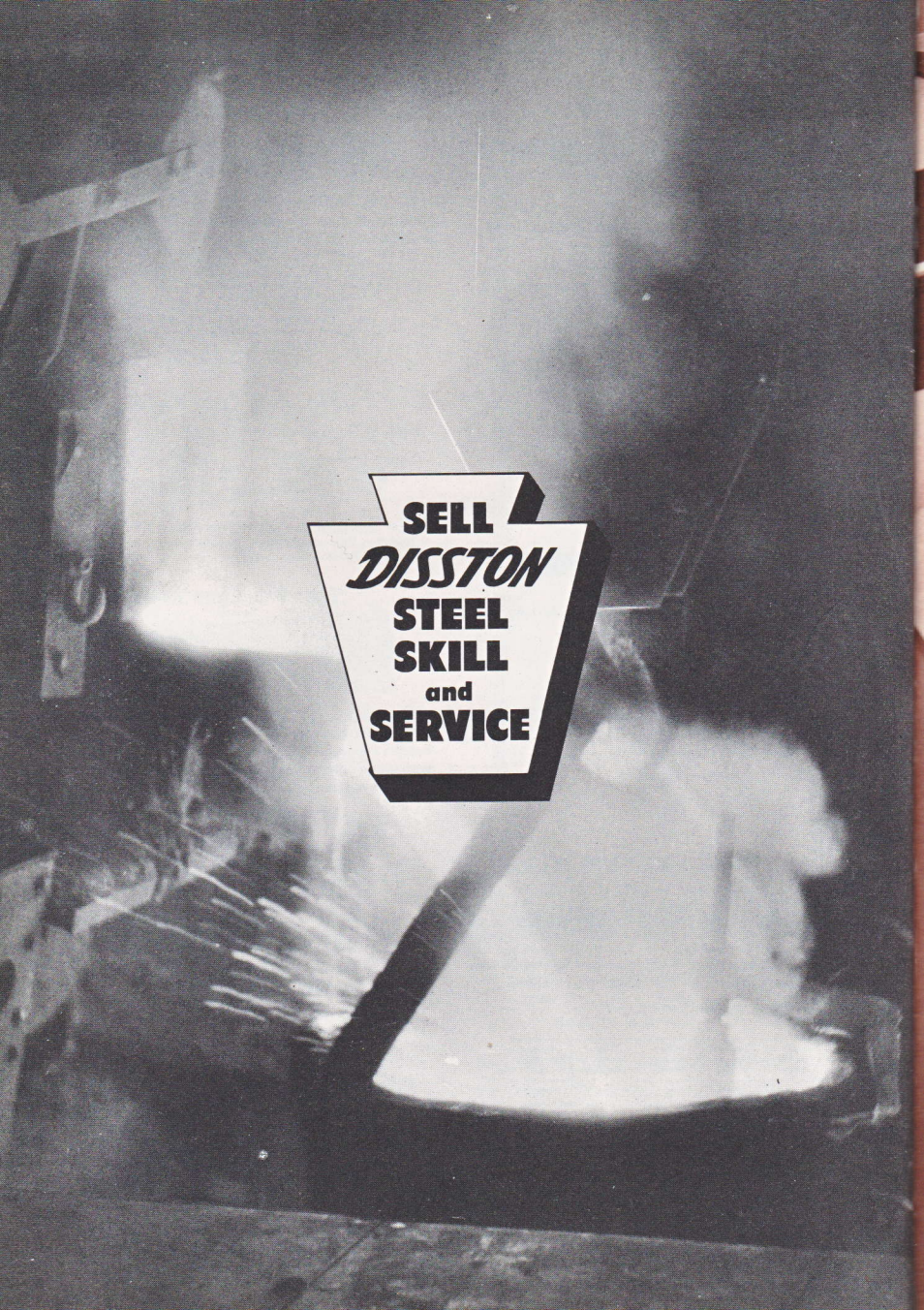
No. D-212X Extra Extension

The Disston No. D-212X Extra Extension sections are for the No. D-212 Disston Tree Pruners.

Length	Weight per dozen
6 ft.	17 lbs.

Packed 1 dozen in bundle.

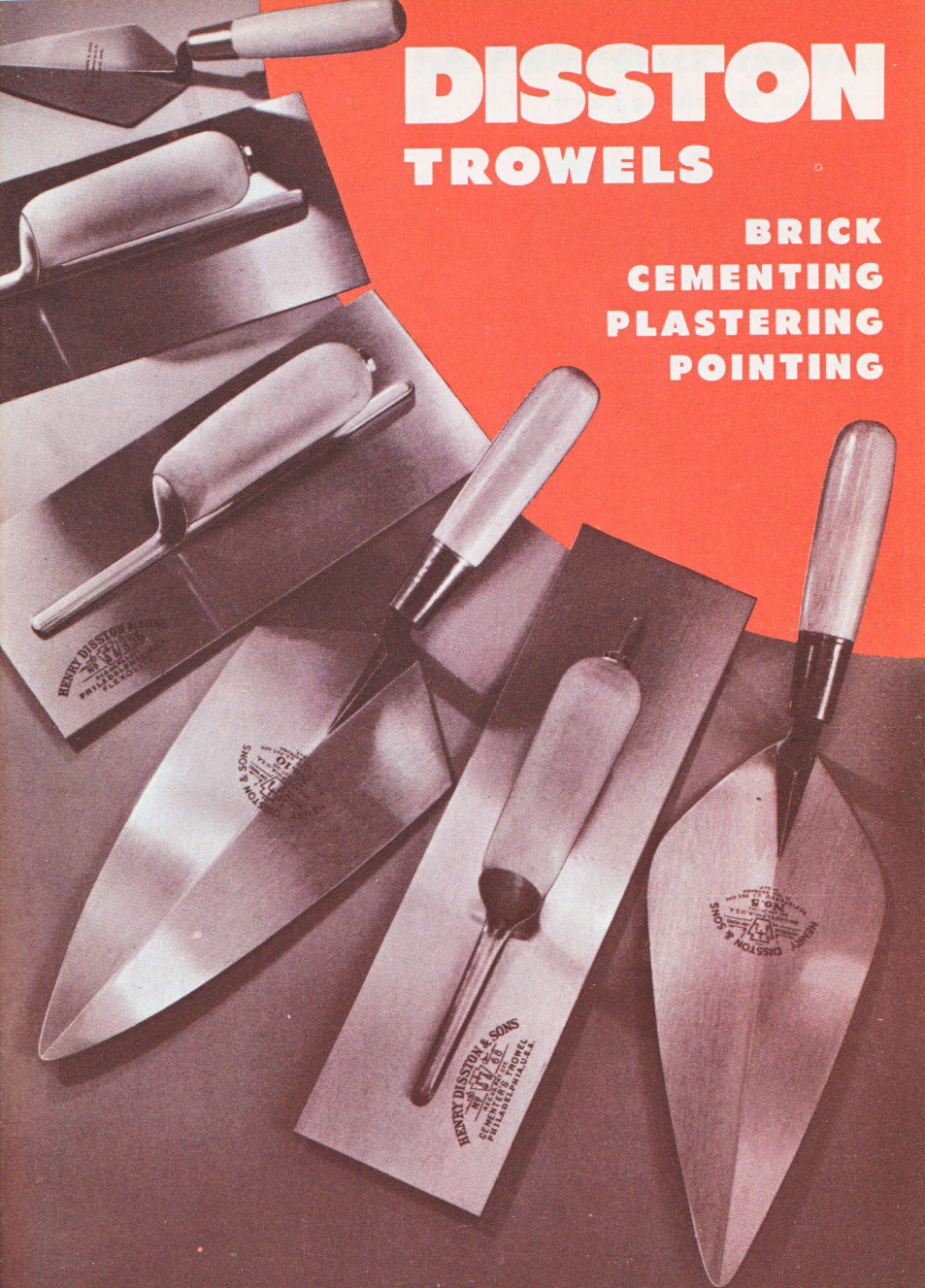




SELL
DISSTON
STEEL
SKILL
and
SERVICE

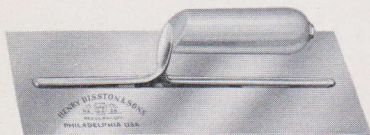
DISSTON TROWELS

**BRICK
CEMENTING
PLASTERING
POINTING**



PLASTERER'S TROWELS

No. 28 Finishing Trowel



The Disston No. 28 Finishing Trowel has an improved mounting of specially treated malleable iron; perfect balance.

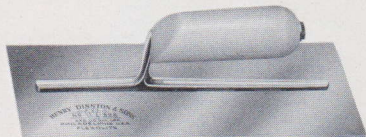
Disston Steel blade, hardened, tempered and polished; specially ground, making a strong, flexible blade. Lacquer finish prevents rust while in dealer's stock.

Long mounting; countersunk rivets; flat thumb rest. Basswood handle, smooth finish. Tang through handle—threaded to receive hexagon nut and washer.

Length	Width	Gauge	Rivets	Length of Mounting	Weight per doz.
10½ ins.	4½ ins.	24	10	9 ins.	12¼ lbs.
11 ins.	4¾ ins.	24	10	9½ ins.	13 lbs.
11½ ins.	4¾ ins.	24	10	10 ins.	13¾ lbs.

Packed ½ dozen in box.

No. 328 Flexolite Finishing Trowel



The Disston No. 328 Flexolite Finishing Trowel is *very light in weight*—meets the needs of modern plastering. Improved mounting of drop forged, heat treated aluminum alloy, which gives perfect balance. Special grinding places the weight where it belongs, making a strong, flexible blade.

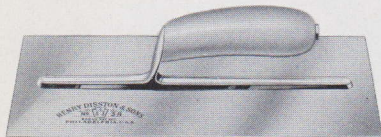
Disston Steel blade, hardened, tempered and polished; lacquer finish retains the new, bright appearance while in dealer's stock.

Long mounting, with flat thumb rest, fastened to the blade with countersunk rivets. Basswood handle, smooth finish. Tang extends through handle—end threaded to receive hexagon nut and washer.

Length	Width	Gauge	Rivets	Length of Mounting	Weight per doz.
10½ ins.	4½ ins.	24	10	9 ins.	11 lbs.
11 ins.	4¾ ins.	24	10	9½ ins.	12¼ lbs.
11½ ins.	4¾ ins.	24	10	10 ins.	12¾ lbs.

Packed in individual boxes.

No. 38 Finishing Trowel



The Disston No. 38 Finishing Trowel is made with the "California" pattern handle. Has improved mounting of specially treated malleable iron; perfectly balanced.

Disston Steel blade, hardened, tempered and polished; specially ground to place weight where it belongs, making a stronger and more flexible blade.

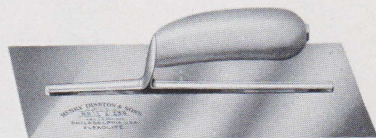
Lacquer finish protects blade while in dealer's stock.

Long mounting; countersunk rivets; flat thumb rest. Basswood handle; smooth finish; comfortable grip assuring easy action. Tang through handle—threaded on end to receive hexagon nut and washer.

Length	Width	Gauge	Rivets	Length of Mounting	Weight per doz.
10½ ins.	4½ ins.	24	10	9 ins.	12¼ lbs.
11 ins.	4¾ ins.	24	10	9½ ins.	13 lbs.
11½ ins.	4¾ ins.	24	10	10 ins.	13¾ lbs.

Packed ½ dozen in box.

No. 338 Flexolite Finishing Trowel



The Disston No. 338 Flexolite Finishing Trowel is a modern trowel to meet the needs of modern plastering. Has "California" pattern handle, otherwise it is same as the Disston No. 328 Trowel.

Disston Steel blade, hardened, tempered and polished; lacquer finish prevents rust while in dealer's stock.

Long mounting, with flat thumb rest, fastened to the blade with countersunk rivets. Basswood handle, smooth finish; comfortable grip. Tang extends through handle—end threaded to receive hexagon nut and washer.

Length	Width	Gauge	Rivets	Length of Mounting	Weight per doz.
10½ ins.	4½ ins.	24	10	9 ins.	11 lbs.
11 ins.	4¾ ins.	24	10	9½ ins.	12¼ lbs.
11½ ins.	4¾ ins.	24	10	10 ins.	12¾ lbs.

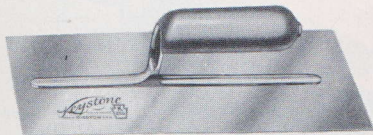
Packed in individual boxes.



Henry Disston & Sons, INCORPORATED

PLASTERER'S, CEMENTER'S AND BRICK TROWELS

K-250 Keystone Plastering Trowel



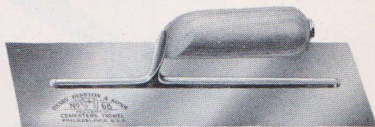
The K-250 Keystone Plastering Trowel has blade made of special steel, hardened, tempered and polished. Mounting is made of specially treated malleable iron, firmly fastened to blade with countersunk rivets; flat thumb rest.

Handle is of basswood, shaped to the hand; smooth finish. Tang through handle—threaded on end to receive hexagon nut and washer. Lacquered to prevent rust in dealer's stock.

Length	Width	Gauge	Rivets	Length of Mounting	Weight per doz.
10½ ins.	4½ ins.	22	7	9 ins.	12 lbs.
11 ins.	4½ ins.	22	7	9 ins.	12½ lbs.
11½ ins.	4½ ins.	22	7	9 ins.	13 lbs.

Packed ¼ dozen in box.

No. 68 Cemente's Trowel



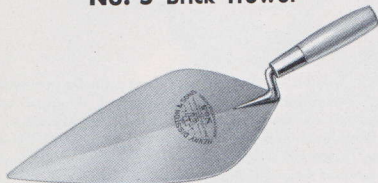
The Disston No. 68 Cemente's Trowel has long, strong mounting of specially treated malleable iron. Flexible blade; correct hang; ample knuckle room.

Disston Steel blade, hardened, tempered and polished; accurately ground. Lacquer finish prevents rust while in stock. Countersunk rivets; flat thumb rest, basswood handle, smooth finish. Tang extends through handle—threaded on end to receive hexagon nut and washer.

Length	Width	Gauge	Rivets	Length of Mounting	Weight per doz.
12 ins.	4 ins.	23	10	10 ins.	12 lbs.
14 ins.	4 ins.	23	12	11 ins.	13 lbs.
16 ins.	4 ins.	23	12	13 ins.	16 lbs.

Packed ¼ dozen in box.

No. 5 Brick Trowel



The Disston No. 5 "London" pattern Brick Trowel is taper ground from heel to point and from center to edges for flexibility; post at right angle to the blade; handle set for correct lift and balance. A favorite when small mortar joints are required.

Blade, post and tang forged from one piece of Disston Steel, hardened, tempered and polished; lacquered to prevent rust while in dealer's stock.

Hickory handle, 6 inches long, lacquered, shaped to hand; strong steel ferrule, 1½ inches long. Spiral tang securely locks handle.

Length	Width	Weight per doz.
9 inches	4½ inches	10½ lbs.
10 inches	4½ inches	11½ lbs.
11 inches	4½ inches	12¼ lbs.
12 inches	5 inches	13 lbs.

Packed ¼ dozen in box.

No. 10 Brick Trowel



The Disston No. 10 "Philadelphia" pattern Brick Trowel is taper ground from heel to point and from center to edges. Post at right angle to blade; handle set for correct lift and balance. This pattern trowel is more universally used than any other.

Blade, post and tang forged from one piece of Disston Steel, hardened, tempered and polished; lacquered to keep blades bright and prevent rust while in dealer's stock.

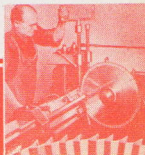
Hickory handle, 6 inches long, lacquered, with heavy steel ferrule 1½ inches long. Spiral tang securely locks handle on trowel.

Length	Width	Weight per doz.
9 inches	4½ inches	10¾ lbs.
10 inches	4½ inches	11½ lbs.
11 inches	5½ inches	13 lbs.
12 inches	5½ inches	13¾ lbs.

Packed ¼ dozen in box.

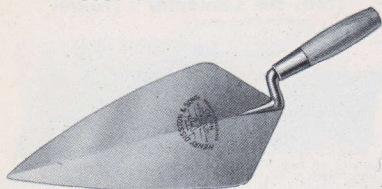
ESTABLISHED 1840

In 1918 Disston introduced the Sectional Interlock Inserted Tooth Milling Saw. In 1922, Disston was awarded the Franklin Institute Medal for this improvement.



BRICK AND POINTING TROWELS

No. 30 Brick Trowel



The Disston No. 30 Brick Trowel is made with a wide heel. Preferred for faster work, particularly where heavy mortar joints are required. Blade taper ground from heel to point and from center to edges; post at right angle to blade; handle set for correct lift and balance.

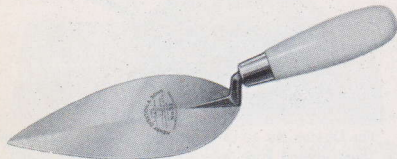
Blade, post and tang forged from one piece of Disston Steel, hardened, tempered and polished; lacquered to keep blade bright while in dealer's stock.

Hickory handle, 6 inches long, lacquered; strong steel ferrule, 1 $\frac{3}{8}$ inches in length. Spiral tang securely locks handle.

Length	Width	Weight per doz.
10 inches	5 $\frac{1}{4}$ inches	12 $\frac{1}{2}$ lbs.
11 inches	6 inches	13 $\frac{3}{4}$ lbs.
12 inches	6 $\frac{1}{2}$ inches	15 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 32 Brick Trowel



The Disston No. 32 "Boston" pattern Brick Trowel has a heavy blade. This trowel is especially popular with the New England bricklayers. Post at right angle to blade; handle set for correct lift and balance.

Blade, post and tang forged from one piece of Disston Steel, hardened, tempered, ground and polished; lacquer finish keeps blade bright while in dealer's stock.

Hickory handle, 5 inches long, lacquered, shaped to hand. Heavy steel ferrule, 1 $\frac{3}{8}$ inches long. Spiral tang locks handle on trowel.

Length	Width	Weight per doz.
7 inches	3 $\frac{3}{8}$ inches	8 lbs.
8 inches	4 inches	9 lbs.
9 inches	4 $\frac{1}{2}$ inches	10 $\frac{1}{2}$ lbs.

Packed $\frac{1}{2}$ dozen in box.

K-252 Keystone Brick Trowel



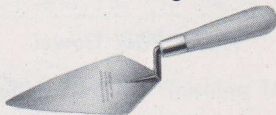
The K-252 Keystone Brick Trowel is made "Philadelphia" pattern, taper ground from heel to point and from center to edges. Lacquered to prevent rust while in dealer's stock. Blade, post and tang forged from one piece of steel; hardened, tempered and polished. Spiral tang securely locks handle.

Hardwood handle 5 $\frac{1}{2}$ inches long, lacquered. Heavy steel ferrule.

Length	Width	Weight per doz.
9 inches	4 $\frac{1}{4}$ inches	10 lbs.
10 inches	4 $\frac{3}{4}$ inches	11 lbs.
11 inches	5 $\frac{1}{2}$ inches	12 $\frac{1}{2}$ lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 15 Pointing Trowel



The Disston No. 15 Pointing Trowel is similar in shape to the "Philadelphia" pattern brick trowel. A spiral tang securely locks handle. Correct in shape, perfectly balanced.

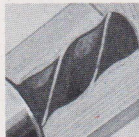
Blade, post and tang forged from one piece of Disston Steel, hardened, tempered, ground and polished; lacquered to prevent rust while in dealer's stock.

Hardwood handle, 4 $\frac{3}{8}$ inches long, lacquered; strong steel ferrule 1 inch long.

Length	Width	Weight per doz.
4 inches	2 $\frac{1}{2}$ inches	3 lbs.
5 inches	2 $\frac{1}{2}$ inches	3 $\frac{1}{2}$ lbs.
6 inches	2 $\frac{3}{4}$ inches	4 lbs.

Packed $\frac{1}{2}$ dozen in box.

Spiral Tang



A Disston invention—developed out of years of experience in trowel manufacturing. Tang is spiral-shaped (see illustration) and the hardwood handle is forced on with a revolving motion at great pressure.

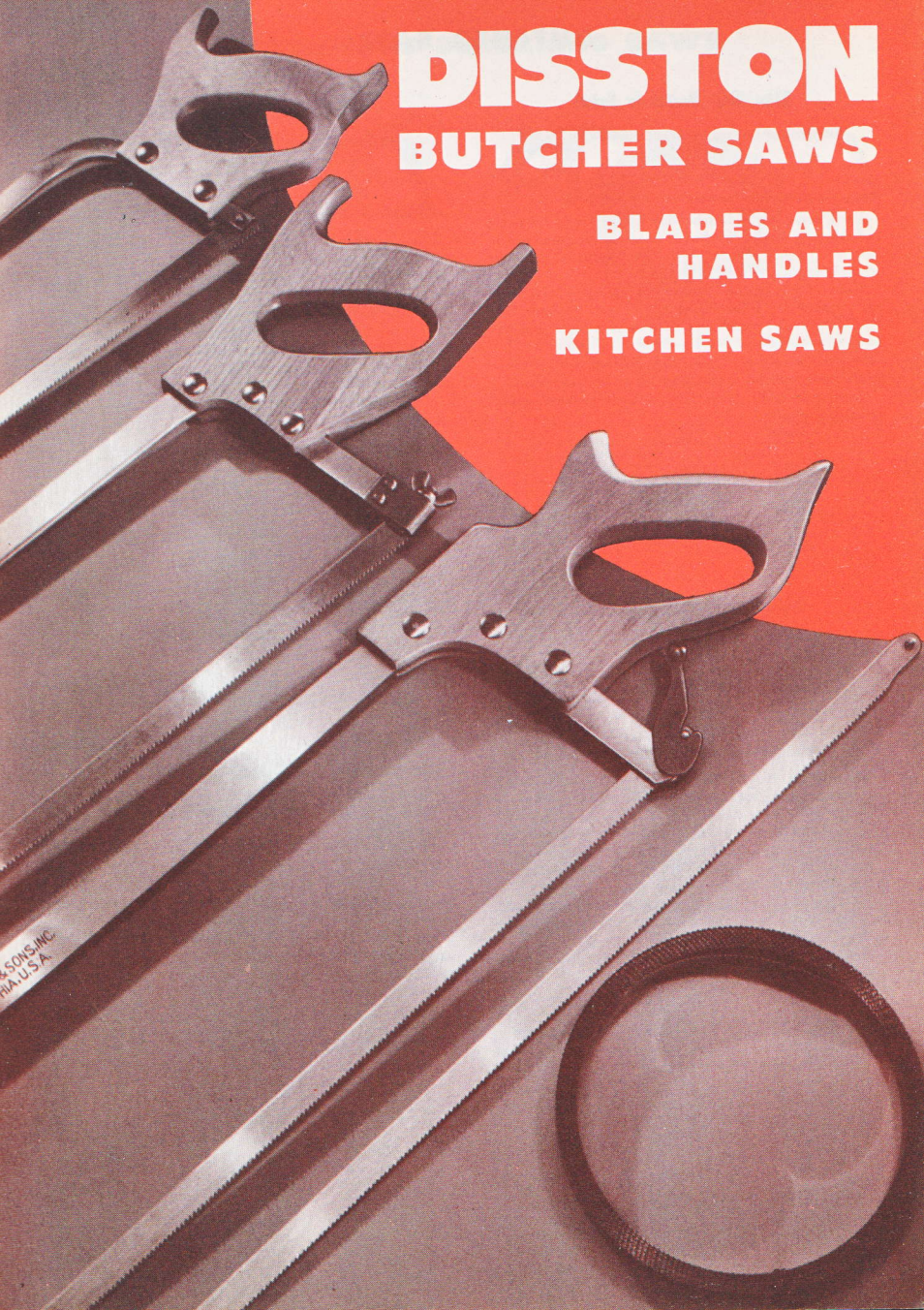


REG. U.S. PAT. OFF.

DISSTON BUTCHER SAWS

BLADES AND
HANDLES

KITCHEN SAWS



DISSTON, INC.
MADE IN U.S.A.

BUTCHER SAWS

No. 80 Butcher Saw



The Disston No. 80 Butcher Saw has a lever for replacing and straining blade. Notches in front end of frame and in tightener receive pins in blade. One motion of the lever places blade in position and strains it.

Frame of Disston Steel, tapers in width at both ends and has round edges, tempered to give $\frac{3}{8}$ -inch tension. Made 1-inch x $\frac{1}{4}$ -inch 5 inches deep from inside back at center to tooth edge of blade.

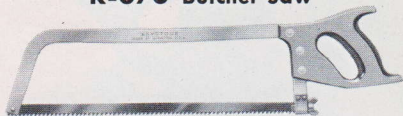
No. 80 Disston Steel blade, bright, $\frac{5}{8}$ -inch wide; 11 points to the inch; rigid pin in each end.

Hardwood handle, plain finish; fastened to frame with 3 nickel-plated screws.

Length	Weight per doz.
24 inches	36 lbs.
26 inches	40 lbs.

Packed $\frac{1}{2}$ dozen in box.

K-070 Butcher Saw



The K-070 Keystone Butcher Saw is designed for all-around work and is of sturdy, simple construction. A good moderate priced butcher saw, stamped KEYSTONE, made by DISSTON.

Special steel frame, flat, $\frac{3}{4}$ -inch x $\frac{1}{4}$ -inch, round edges; $5\frac{1}{8}$ inches from tooth edge of blade to inside of back.

Bright blade, $\frac{3}{4}$ -inch wide, 11 points to the inch.

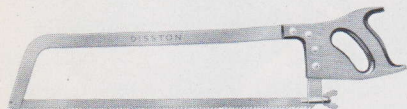
Wing nut adjustment makes removal, replacing and straining of blade easy.

Hardwood handle, weatherproof finish. 3 nickel-plated rivets.

Length	Weight per doz.
18 inches	24 lbs.
20 inches	25 lbs.
22 inches	27 lbs.
24 inches	28 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 7 Butcher Saw



The Disston No. 7 Butcher Saw is the best known butcher saw made; has been universally used for years.

Frame of Disston Steel, flat, 1-inch x $\frac{1}{4}$ -inch, round edges; eye and frame are one piece of steel; round stretcher, 5 inches from tooth edge of blade to inside of back at center.

No. 125 blade of Disston Steel, bright, $\frac{5}{8}$ -inch wide; 11 points to the inch; rigid pin in each end.

Stretcher and front end of frame notched to receive pins in blade which, with the wing nut adjustment, makes removal, replacing and straining of blade easy.

Hardwood handle, weatherproof finish; fastened to frame with 4 nickel-plated screws.

Length	Weight per doz.
18 inches	30 lbs.
20 inches	31 lbs.
22 inches	33 lbs.
24 inches	36 lbs.
26 inches	37 lbs.

Packed $\frac{1}{2}$ dozen in box.

K-777 Butcher Saw



The K-777 Keystone Butcher Saw is of simple sturdy construction. Moderate priced. Stamped KEYSTONE, made by DISSTON.

Special steel frame, flat, $\frac{3}{4}$ -inch x $\frac{1}{4}$ -inch, round edges; $5\frac{1}{8}$ inches from tooth edge of blade to inside of back. Bright blade, $\frac{3}{4}$ -inch wide, 11 points to the inch. Rigid pins.

Notches in front end of frame and tightener fasten blade to frame.

One motion of the cam lever places blade in position and gives correct tension to the blade.

Hardwood handle, weatherproof finish, fastened to frame with 3 nickel-plated rivets.

Length	Weight per doz.
18 inches	24 lbs.
20 inches	25 lbs.
22 inches	27 lbs.
24 inches	28 lbs.

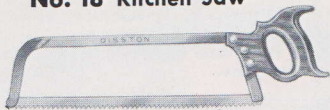
Packed $\frac{1}{2}$ dozen in box.



REG. U.S. PAT. OFF.

KITCHEN AND DEHORNING SAWS

No. 18 Kitchen Saw

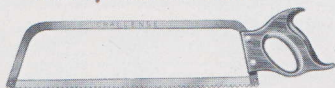


The Disston No. 18 Kitchen Saw has a round edge, flat frame, $\frac{3}{8}$ -inch x $\frac{3}{16}$ -inch. Frame and blade of Disston Steel. Blade, bright finish, $\frac{3}{8}$ -inch wide, 13 points to inch. Hardwood handle, weatherproof finish; 3 nickel-plated rivets.

Length	Weight per doz.
14 inches	12 lbs.
16 inches	13 lbs.
18 inches	14 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 12 Kitchen Saw

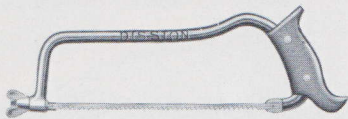


The No. 12 Challenge Kitchen Saw has a round edge, flat frame, $\frac{1}{2}$ -inch x $\frac{3}{16}$ -inch, bright steel. Blade, bright steel, $\frac{3}{8}$ -inch wide, 13 points to the inch. Hardwood handle, weatherproof finish; 2 nickel-plated rivets.

Length	Weight per doz.
14 inches	10 lbs.
16 inches	11 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 6 Dehorning Saw



The Disston No. 6 Dehorning Saw is used by cattle raisers and farmers. Designed especially to meet the need of stockmen for a dependable dehorning saw of correct size and shape.

Frame of malleable iron, oval-shaped; strongly built; black lacquer finish. Blade of Disston Steel, 10 inches long, $\frac{3}{8}$ -inch wide, 12 points to the inch; pins in frame and stretcher fasten blade in frame.

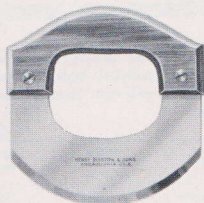
Stretcher and wing nut adjustment at front of frame regulates straining of blade.

Shaped hardwood handle with large, comfortable grip for gloved hand; 2 rivets.

Length	Weight per doz.
10 inches	12½ lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 4 Mincing Knife



The Disston No. 4 Mincing Knife is a single cutter. Blade of Disston Knife Steel, double beveled to a keen edge. Handle, hardwood, natural finish, shaped for comfortable grip; 2 brass screws.

Length	Width	Weight per doz.
6 inches	2 inches	5 lbs.

Packed 1 dozen in box.

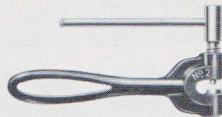
No. 24 Mincing Knife

The Disston No. 24 Mincing Knife is same design as No. 4. The blade is of stainless steel; handle weatherproof finish.

Length	Width	Weight per doz.
6 inches	2 inches	5 lbs.

Packed 1 dozen in box.

No. 2 Midget Saw Punch



The Disston No. 2 Midget Saw Punch for Butcher Blades has malleable iron frame and hardened tool steel punch and die. Hole $\frac{1}{4}$ -inch in diameter is easily punched.

Weight each $\frac{1}{2}$ lb.

Packed 1 in box.



BUTCHER AND KITCHEN SAW BLADES

No. 80 Butcher Saw Blades



Disston No. 80 Butcher Saw Blades are made of Disston Steel, high tempered, polished; ends trimmed to fit No. 80 Butcher Saw. Pin in each end. $\frac{5}{8}$ -inch wide, 24 gauge; 11 points to the inch.

Length	Length Center to Center of Pins	Weight per doz.
24 inches	25 inches	1½ lbs.
26 inches	27 inches	1¾ lbs.

Packed 1 dozen in box.

No. 125 Butcher Saw Blades



Disston No. 125 Butcher Saw Blades are made of Disston Steel, hardened and tempered, bright finish, set and sharpened. Cut to length, but not punched. If blades are wanted with holes punched give length from center to center of holes. All lengths of blades are made in $\frac{1}{2}$ -inch, $\frac{5}{8}$ -inch and $\frac{3}{4}$ -inch widths.

Length	Points to inch	Gauge	Weight per doz. $\frac{3}{4}$ " width
16 inches	11	24	1 lb.
18 inches	11	24	1¼ lbs.
20 inches	11	24	1¼ lbs.
22 inches	11	24	1¾ lbs.
24 inches	11	24	1½ lbs.
26 inches	11	24	1¾ lbs.

Packed 1 dozen in box.

No. 50 Butcher Saw Blades (in coils)

Disston No. 50 Butcher Saw Blades (in coils) are made from Disston Steel for hand frame use. Hardened and tempered, set and sharpened; bright finish only.

Length of Coil	Width	Gauge	Points to inch	Weight lbs. 25f. 50f.
25 or 50 feet	$\frac{3}{8}$ inch	24	11	1 2
25 or 50 feet	$\frac{1}{2}$ inch	24	11	1¼ 2½
25 or 50 feet	$\frac{5}{8}$ inch	24	11	1½ 3
25 or 50 feet	$\frac{3}{4}$ inch	24	11	1¾ 3½

Owing to high temper in these blades, which is necessary for blades used in hand frames, these blades cannot be used on band machines for cutting meat, etc.

Packed in boxes of 25 or 50 feet.

No. 55 Butcher Saw Blades (in coils)

No. 55 Keystone Butcher Saw Blades (in coils) are made from special steel for use in hand frames; teeth set ready for use. Bright finish only. Made only in sizes and dimensions listed below.

Length of Coil	Width	Gauge	Points to inch	Weight lbs. 25f. 50f.
25 or 50 feet	$\frac{3}{8}$ inch	24	11	1½ 3
25 or 50 feet	$\frac{1}{2}$ inch	24	11	1¾ 3½

Owing to the high temper in these blades, which is necessary for blades used in hand frames, these blades cannot be used on band machines for cutting meat, etc.

Packed in boxes of 25 or 50 feet.

Kitchen Saw Blades

Made from Disston Steel, hardened and tempered, bright finish. Ground, polished, sharpened and set, ready for use.

Length	Width	Gauge	Points to inch	Weight per dozen
14 inches	$\frac{3}{8}$ inch	24	13	$\frac{7}{8}$ lb.
16 inches	$\frac{3}{8}$ inch	24	13	1 lb.
18 inches	$\frac{3}{8}$ inch	24	13	1½ lbs.

Packed 1 dozen in box.

No. 6 Dehorning Saw Blades

$\frac{3}{8}$ -inch wide, 12 points to the inch

Length Over-all	Length Center to Center of Holes	Weight per doz.
10 inches	9¾ inches	$\frac{1}{4}$ lb.

Packed 1 dozen in envelope.

Butcher Saw Handles

Butcher Saw	Material and Finish	Weight per doz.
No. 7	Hardwood, weatherproof finish, bored for 4 screws.	6 lbs.
No. 80	Hardwood, plain sanded finish, bored for 3 screws.	5¼ lbs.
K-070	Hardwood, weatherproof natural finish, bored for 3 rivets.	5½ lbs.
K-777	Hardwood, weatherproof finish, bored for 3 rivets.	5½ lbs.

Packed 1 dozen in box.



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Henry Disston & Sons, INCORPORATED



DISSTON

WOOD SAWS

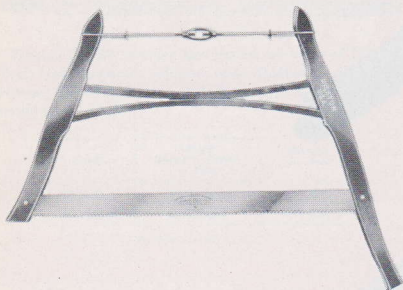
**METAL FRAME
WOOD SAWS**

WOOD SAW BLADES

**PULP WOOD
SAW BLADES**

WOOD SAWS

No. 306 Wood Saw

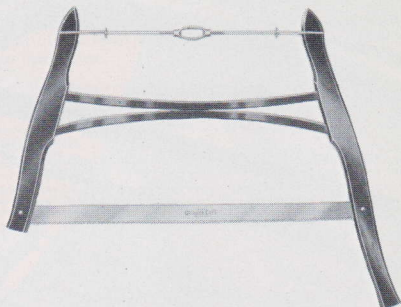


The Disston No. 306 Wood Saw is a combination of: No. 300 Frame—selected hardwood, red lacquer finish, double-brace stretcher, single rivet; No. 6 Disston Blade, taper ground, plain tooth, $4\frac{1}{2}$ points to inch straight breast, bright, 2 inches wide; and 22-inch Plain Clipper Rod.

Length of Blade	Weight per doz.
30 inches	44 lbs.

Packed $\frac{1}{2}$ dozen in carton.

No. 3150 Wood Saw

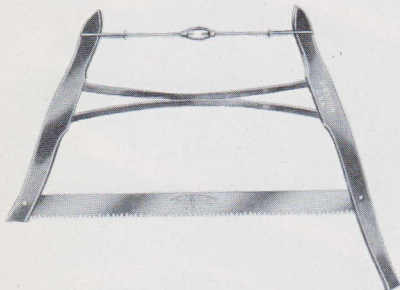


The No. 3150 Quaker City Wood Saw is a combination of: A special hardwood frame, double-brace stretcher, single rivet, red lacquer finish; No. 3150 Quaker City Blade, plain tooth, $1\frac{3}{4}$ inches wide, straight breast, 5 points to inch; and 22-inch Plain Clipper Rod.

Length of Blade	Weight per doz.
30 inches	42 lbs.

Packed $\frac{1}{2}$ dozen in carton.

No. 316 Wood Saw

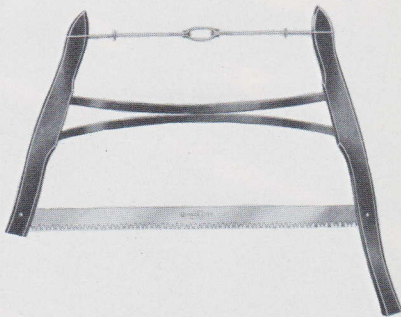


The Disston No. 316 Wood Saw is a combination of: No. 300 Frame—selected hardwood, red lacquer finish, double-brace stretcher, single rivet; No. 16 Disston Blade, taper ground, Champion tooth, 2 inches wide, bright, straight breast; and 22-inch Plain Clipper Rod.

Length of Blade	Weight per doz.
30 inches	44 lbs.

Packed $\frac{1}{2}$ dozen in carton.

No. 3175 Wood Saw



The No. 3175 Quaker City Wood Saw is a combination of: A special hardwood frame, red lacquer finish, double-brace stretcher, single rivet; No. 3175 Quaker City Blade, Champion tooth, $1\frac{3}{4}$ inches wide, straight breast; and 22-inch Plain Clipper Rod.

Length of Blade	Weight per doz.
30 inches	42 lbs.

Packed $\frac{1}{2}$ dozen in carton.



WOOD SAWS

No. 300 Wood Saw Frame

The Disston No. 300 Wood Saw Frame. Selected hardwood, red lacquer finish, double-brace stretcher, single rivet. For 30-inch blade.

Blade	Weight per doz.
30 inches	27 lbs.

Packed $\frac{1}{2}$ gross in skeleton crate
or $\frac{1}{4}$ dozen in carton.

Clipper Wood Saw Rod



The Disston Clipper Wood Saw Rod is standard with the No. 300 Frame. The 22-inch length is used with 30-inch blades. Made of steel wire with strong, square cut threads. Will not strip or pull out. Loops are riveted with heads.

Length	Weight per doz.
22 inches	5 lbs.

Packed 1 dozen in box.

Wood Saw Blades

No. 6 Disston Plain Tooth



The Disston No. 6 Plain Tooth Wood Saw Blade is made of Disston Steel, 2 inches wide; straight breast, taper ground, bright finish, $4\frac{1}{2}$ points to inch.

Length	Weight per doz.
30 inches	5 $\frac{1}{2}$ lbs.

Packed 1 dozen in bundle.

No. 16 Disston Champion Tooth



The Disston No. 16 Champion Tooth Wood Saw Blade is 2 inches wide; straight breast, taper ground, bright finish. Made of Disston Steel.

Length	Weight per doz.
30 inches	6 lbs.

Packed 1 dozen in bundle.

No. 3150 Quaker City Plain Tooth

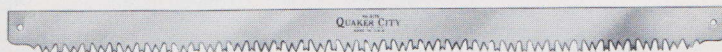


The No. 3150 Quaker City Plain Tooth Wood Saw Blade is made of special steel, $1\frac{3}{4}$ inches wide; straight breast, bright finish, 5 points to inch.

Length	Weight per doz.
30 inches	5 lbs.

Packed 1 dozen in bundle.

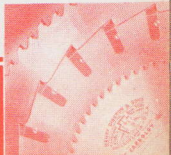
No. 3175 Quaker City Champion Tooth



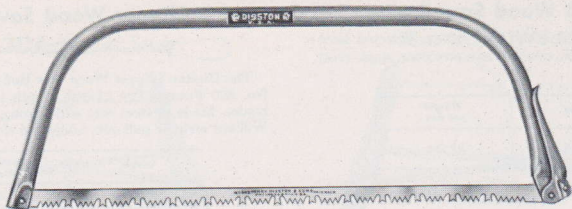
The No. 3175 Quaker City Champion Tooth Wood Saw Blade is made of special steel, $1\frac{3}{4}$ inches wide; straight breast, bright finish.

Length	Weight per doz.
30 inches	5 $\frac{1}{2}$ lbs.

Packed 1 dozen in bundle.



METAL FRAME WOOD SAW



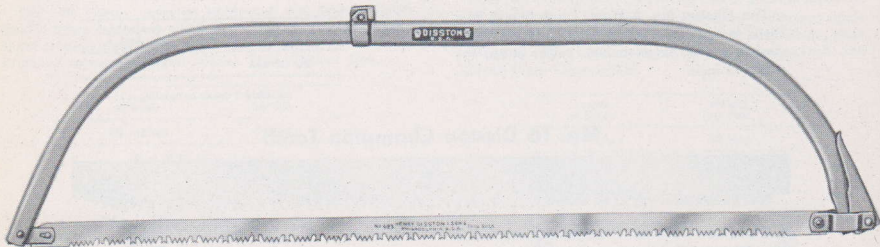
No. 30 Metal Frame Wood Saw

The Disston No. 30 Metal Frame Wood Saw has a light but sturdy tubular frame, lacquered orange, and rapid blade changing feature (Patented).

Complete with No. 403 Disston Blade which has special teeth for fast cutting set and sharpened. This blade is made of Disston alloy steel, hardened and tempered, thin back, straw color. Can be furnished 1 or 1 $\frac{3}{8}$ inches wide.

Width under Back	Weight per doz.
9 $\frac{1}{2}$ inches	28 lbs.

Packed $\frac{1}{2}$ dozen in carton.



No. 39 Pulpwood Saw Frame

The Disston No. 39 Adjustable Pulpwood Saw Frame is made in two sections of oval steel tubing, one telescoping into the other. Lacquered orange. Adjustable to blades 39 to 48 inches long.

Positive locking wedge insures frame remaining in fixed position and permits quick, easy adjustment, without requiring any tools.

Blade not included with frame.

Width under Back	Weight per doz.
11 $\frac{3}{4}$ inches	60 lbs.

Packed $\frac{1}{2}$ dozen in carton.

No. 403 Pulpwood Saw Blade



The Disston No. 403 Pulpwood Saw Blade is made of Disston alloy steel. It is a well tempered blade, unusually tough and springy, set and sharpened, and straw color. 21 gauge on tooth edge, 24 gauge on back. Made with special teeth for fast-cutting.

30-inch blades have pin in each end, 29 inches center to center. 42- and 48-inch blades have two holes in each end.

Length	Width	Weight per doz.
30 inches	1 inch	2 $\frac{1}{2}$ lbs.
30 inches	1 $\frac{3}{4}$ inches	3 $\frac{3}{4}$ lbs.
42 inches	1 inch	3 $\frac{1}{2}$ lbs.
42 inches	1 $\frac{3}{4}$ inches	5 lbs.
48 inches	1 inch	4 lbs.
48 inches	1 $\frac{3}{4}$ inches	5 $\frac{1}{4}$ lbs.

30-inch blades packed 1 dozen in box.
42- and 48-inch blades packed 1 dozen in bundle.



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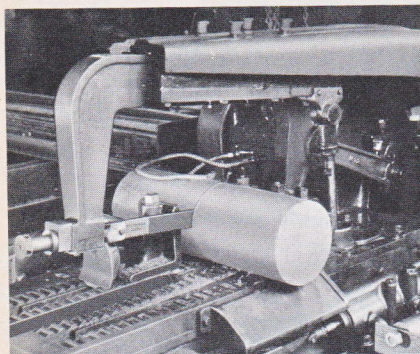
DISSTON

HACK SAW BLADES AND FRAMES

HIGH SPEED STEEL
DI-MOL
CHROMOL



HACK SAW BLADES



America's first machine hack saw blades were made in the Disston Plant in 1894. Today, there is a Disston Hack Saw Blade to meet every cutting problem. These blades are made in standard lengths, widths, thicknesses and tooth spacings.

Disston Hack Saw Blades are made in three kinds of steel. Blades for both hand and machine use are made of High Speed Steel (18% Tungsten), as well as Molybdenum High Speed Steel. Tungsten Alloy Steel Hack Saws are made in hand blades only. Each of the three steels is particularly adapted for certain metal cutting jobs.

The entire production of Disston Hack Saw Blades, from the steel to the finished blade, is in the hands of specialists. Teeth are milled, then accurately set by machine. The heat treatment of Disston Hack Saw Blades is done in automatically controlled furnaces, under the direction of skilled metallurgists, to insure uniformity of structure and correct hardness.

The selection of the proper blade for a specific job is important.

HIGH SPEED STEEL



For Hand Use



For Machine Use

The Disston High Speed Steel Hack Saw Blade is a modern blade to meet modern production requirements.

These blades will increase production, decrease down time and lower operating costs. Every Disston High Speed Steel Blade must pass a rigid inspection before being packed.

Disston High Speed Steel is a hard, tough, strong steel that resists wear and cuts easily through metals that ordinary steel cannot cut.

Disston High Speed Steel Hack Saw Blades are recommended for cutting stainless steel, chrome-nickel steels and similar alloys.

DI-MOL



For Hand Use



For Machine Use

Disston Di-Mol (Molybdenum High Speed Steel) Hack Saw Blades are the product of careful research and experimentation conducted to develop a general purpose blade. Although this blade does not have quite as great edge-holding qualities, nor as great resistance to heat as the 18%

Tungsten High Speed Steel Blade, it does approach its cutting efficiency, and being a bit tougher can be subjected to somewhat greater strains.

Disston Di-Mol Hack Saw Blades should be used for cutting tool steels, machine steels, cast iron, and for general machine shop production.



Henry Disston & Sons, INCORPORATED

HACK SAW BLADES

DISSTON HIGH SPEED STEEL

(Hand)

Number	Length inches	Width inches	Thick-ness	Teeth per inch	Weight 100 blades lbs. ozs.
H-1018	10	½	.025	18	4- 2
H-1024	10	½	.025	24	4- 2
H-1032	10	½	.025	32	4- 2
H-1214	12	½	.025	14	4-13
H-1218	12	½	.025	18	4-13
H-1224	12	½	.025	24	4-13
H-1232	12	½	.025	32	4-13

Packed 100 in a box.

(Heavy Duty Hand and Light Power)

Number	Length inches	Width inches	Thick-ness	Teeth per inch	Weight 100 blades lbs. ozs.
H-12334	12	¾	.032	14	12
H-12338	12	¾	.032	18	12

Packed 10 blades in box.

(Power Machine)

Number	Length inches	Width inches	Thick-ness	Teeth per inch	Weight 10 blades lbs. ozs.
H-12444	12	1	.049	14	1-14
H-12460	12	1	.065	10	2- 7
H-14440	14	1	.049	10	2- 1
H-14444	14	1	.049	14	2- 1
H-14460	14	1	.065	10	2-13
H-14564	14	1¼	.065	4	3- 6
H-14566	14	1¼	.065	6	3- 6
H-14560	14	1¼	.065	10	3- 6
H-14674	14	1½	.072	4	4-11
H-14676	14	1½	.072	6	4-11
H-17444	17	1	.049	14	2- 9
H-17460	17	1	.065	10	3- 7
H-17564	17	1¼	.065	4	4- 4
H-17566	17	1¼	.065	6	4- 4
H-17560	17	1¼	.065	10	4- 4
H-18460	18	1	.065	10	3-10
H-18564	18	1¼	.065	4	4- 6
H-18566	18	1¼	.065	6	4- 6
H-18560	18	1¼	.065	10	4- 6
H-18674	18	1½	.072	4	5-12
H-18676	18	1½	.072	6	5-12
H-18884	18	2	.085	4	9-10
H-18886	18	2	.085	6	9-10
H-21884	21	2	.085	4	11-10
H-21886	21	2	.085	6	11-10
H-24884	24	2	.085	4	13- 3
H-24886	24	2	.085	6	13- 3
H-24804	24	2	.100	4	15- 4
H-30004	30	2½	.100	4	23-10

Packed 10 in a box.

DISSTON DI-MOL

(Hand)

Number	Length inches	Width inches	Thick-ness	Teeth per inch	Weight 100 blades lbs. ozs.
D-1018	10	½	.025	18	3-15
D-1024	10	½	.025	24	3-15
D-1032	10	½	.025	32	3-15
D-1214	12	½	.025	14	4-10
D-1218	12	½	.025	18	4-10
D-1224	12	½	.025	24	4-10
D-1232	12	½	.025	32	4-10

Packed 100 in a box.

(Heavy Duty Hand and Light Power)

Number	Length inches	Width inches	Thick-ness	Teeth per inch	Weight 100 blades lbs. ozs.
D-12334	12	¾	.032	14	12
D-12338	12	¾	.032	18	12

Packed 10 blades in box.

(Power Machine)

Number	Length inches	Width inches	Thick-ness	Teeth per inch	Weight 10 blades lbs. ozs.
D-12444	12	1	.049	14	1-13
D-12460	12	1	.065	10	2- 5
D-14440	14	1	.049	10	1-14
D-14444	14	1	.049	14	1-14
D-14460	14	1	.065	10	2- 9
D-14564	14	1¼	.065	4	3- 3
D-14566	14	1¼	.065	6	3- 3
D-14560	14	1¼	.065	10	3- 3
D-14674	14	1½	.072	4	4- 5
D-14676	14	1½	.072	6	4- 5
D-17444	17	1	.049	14	2- 7
D-17460	17	1	.065	10	3- 2
D-17564	17	1¼	.065	4	4- 3
D-17566	17	1¼	.065	6	4- 3
D-17560	17	1¼	.065	10	4- 3
D-18460	18	1	.065	10	3- 6
D-18564	18	1¼	.065	4	4- 3
D-18566	18	1¼	.065	6	4- 5
D-18560	18	1¼	.065	10	4- 5
D-18674	18	1½	.072	4	5- 8
D-18676	18	1½	.072	6	5- 8
D-18884	18	2	.085	4	8-10
D-18886	18	2	.085	6	8-10
D-21884	21	2	.085	4	10-10
D-21886	21	2	.085	6	10-10
D-24884	24	2	.085	4	12- 3
D-24886	24	2	.085	6	12- 3
D-24804	24	2	.100	4	14- 3
D-30004	30	2½	.100	4	22- 3

Packed 10 in a box.

ESTABLISHED 1840

In the year 1930 Disston made the world's largest circular metal-cutting saw...110 inches in diameter, 74 inserted teeth. The Midvale Company, Philadelphia, used it for cutting giant forgings.



HACK SAW BLADES

CHROMOL (ALL HARD)

DISSTON
U.S.A.

(Hand)

DISSTON Chromol Hack Saw Blades are manufactured from a special Disston Tungsten Alloy Steel. A quality steel of extra strength and toughness, which will withstand the cutting of tool steel and the harder alloys used in machine shop work. The teeth of these blades are of uniform pitch and set.

Skill and care in the production of these blades make them

excellent for non-production metal cutting, where the use of a higher priced blade is unwarranted. The DISSTON Chromol Hack Saw Blade is recommended for use where material being cut is rigid, limiting the possibility of twisting the blade. These blades are further recommended, and particularly adapted, for automobile repair work and general garage maintenance.

Number	Length inches	Width inches	Thick- ness	Teeth per inch	Weight 100 blades lbs. ozs.
C-1018	10	½	.025	18	3-12
C-1024	10	½	.025	24	3-12
C-1032	10	½	.025	32	3-12
C-1214	12	½	.025	14	4-4
C-1218	12	½	.025	18	4-4
C-1224	12	½	.025	24	4-4
C-1232	12	½	.025	32	4-4

Packed 100 in a box.

DURAFLEX (FLEXIBLE)

DISSTON
U.S.A.

(Hand)

DISSTON Duraflex Hack Saw Blades, for hand use, are made of the same high quality steel as the DISSTON Chromol Hack Saw Blades above. However, the blade is hardened on the tooth edge only, the back remaining soft. This allows practical flexibility in the blades, greatly limiting the possibility of breakage. The teeth of these blades are milled, not punched, and are accurately set for clean, fast cutting.

The DISSTON Duraflex Blade is preferred for cutting in awkward positions or where the blade is likely to be twisted or strained by an unsteady material such as flexible conduit or cable. These materials have a tendency to bend and break an all-hard blade. For this reason the DISSTON Duraflex Hack Saw Blade is recommended for general cutting applications as well as electrical and plumbing work.

Number	Length inches	Width inches	Thick- ness	Teeth per inch	Weight 100 blades lbs. ozs.
F-1018	10	½	.025	18	3-12
F-1024	10	½	.025	24	3-12
F-1032	10	½	.025	32	3-12
F-1214	12	½	.025	14	4-4
F-1218	12	½	.025	18	4-4
F-1224	12	½	.025	24	4-4
F-1232	12	½	.025	32	4-4

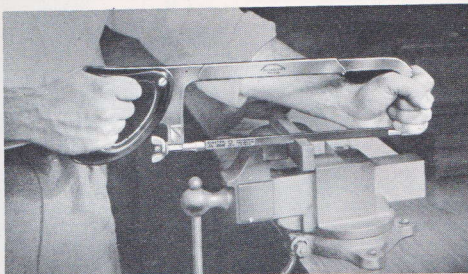
Packed 100 in a box.



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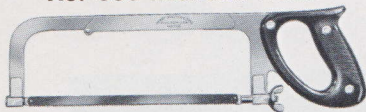
Henry Disston & Sons, INCORPORATED

HACK SAW FRAMES



Disston Hack Saw Frames and Blades are sturdy, dependable and correctly designed for a wide variety of metal cutting applications.

No. 368 Hack Saw Frame



The Disston No. 368 Hack Saw Frame is a sturdy well made frame of highly polished, nickel-plated steel. Adjustable to 8, 10 or 12-inch blades and four cutting positions. Blade locks securely in desired position. Wing nut adjustment.

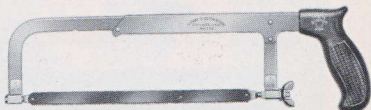
Streamlined steel handle with black plastic facing and large comfortable grip.

Depth from tooth edge to inside of back, $3\frac{3}{8}$ inches.

Weight each, $2\frac{1}{4}$ lbs.

Packed 1 in box; 10 in shipping carton.

No. 348 Hack Saw Frame



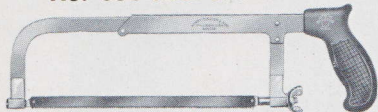
The Disston No. 348 Hack Saw Frame is a good moderate priced frame. Bright nickel-plated steel frame adjustable to 8, 10 or 12-inch blades in four cutting positions. Wing nut adjustment.

Black plastic pistol grip handle. Depth from tooth edge to inside of back, $3\frac{3}{8}$ inches.

Weight each, $1\frac{1}{2}$ lbs.

Packed 1 in box; 30 in shipping carton.

No. 358 Hack Saw Frame



The Disston No. 358 Hack Saw Frame is a strong nickel-plated steel frame that locks securely in four cutting positions. Adjustable for 8, 10, or 12-inch blades. Wing nut adjustment.

Black plastic pistol grip handle is durable and comfortable. Depth from tooth edge to inside of back, $3\frac{3}{8}$ inches.

Weight each, $1\frac{3}{4}$ lbs.

Packed 1 in box; 10 in shipping carton.

No. 338 Hack Saw Frame



The Disston No. 338 Hack Saw Frame is a good competitive steel frame with bright finish. Adjustable to four cutting positions and blades 8, 10 or 12-inches. Wing nut adjustment.

Pistol grip black plastic handle. Depth from tooth edge to inside of back, $2\frac{7}{8}$ inches.

Weight each, $1\frac{1}{2}$ lbs.

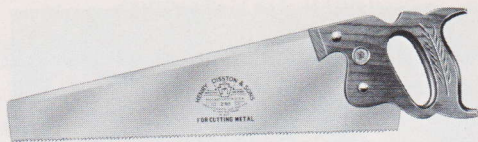
Packed 1 in box; 30 in shipping carton.

ESTABLISHED 1840

In 1930 Disston also invented a new type of inserted tooth saw, the Disston Double Ball Invincible . . . a saw which gave the lumber industry results never before possible.



No. 240 METAL CUTTING HAND SAW



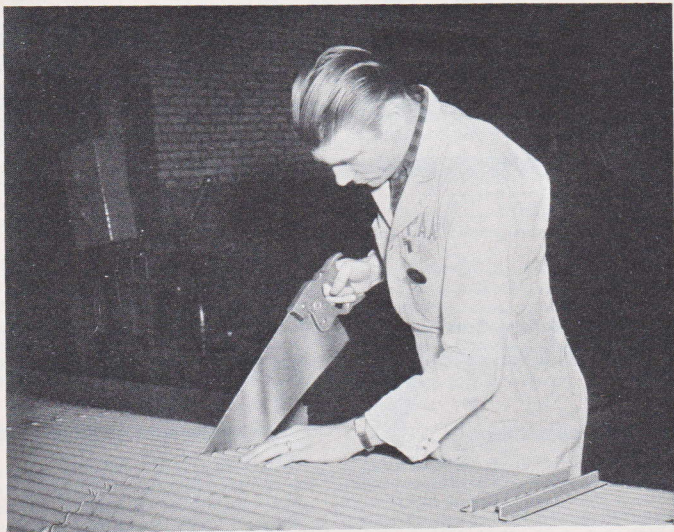
The Disston No. 240 Metal Cutting Hand Saw is made with a quality Disston Steel blade of extra high temper for cutting metal, metal trim, steel mouldings, sheet aluminum, etc. This blade has a thin back—true taper ground for easy clearance when cutting. Teeth are milled, not punched, for

greater accuracy, and may be refiled to sharpen.

The hardwood handle of the Disston No. 240 Metal Cutting Hand Saw has a large hand hole, comfortable grip, carved, and Disston weatherproofed natural finish. It is securely held in place with three screws, one a medallion.

Length of Blade	Points to Inch	Width at Butt	Width at Point	Weight per doz.
18 inches	15	5¼ inches	1¾ inches	18 lbs.
20 inches	15	5½ inches	1¾ inches	20 lbs.
22 inches	15	5½ inches	1¾ inches	22 lbs.
24 inches	15	5½ inches	1¾ inches	24 lbs.

Packed ¼ dozen in box.



DISSTON METAL CUTTING HAND SAW IN USE



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Henry Disston & Sons, INCORPORATED

DISSTON

FILES AND RASPS



FILES AND RASPS MANUFACTURED BY DISSTON

Many years of file manufacturing experience, careful control of the raw material, and the rolling of the file steel have enabled Disston to produce files and rasps of superior quality.

In addition to the experimenting, checking and testing carried on constantly, a day-by-day check on the quality of Disston files is assured in the Disston plant: First, by the use of hundreds of saw files each day in filing Disston Saws. Second, by the many machinist's files used every day in

Disston machine shops. Uniform quality also is assured by laboratory tests and by actual performance tests of the finished files in the Disston specially equipped testing room.

Today Disston manufactures several brands of American Pattern and special purpose files. They are the DISSTON*; BITE-RITE*; FAST-CUT; and GOLD MEDAL* Brands. Disston also manufactures a complete line of SUPERFINE* Swiss Pattern files.

*Brand names registered U. S. Patent Office.

GENERAL INFORMATION ON FILES

How to identify and order Files

Name—Files have descriptive names based on their outline or shape (as Taper), or their cross-section (as Round). Exceptions occur in cases where the name is suggested by its intended purpose or the place where it is used (as Mill).

Cut—This term refers to two characteristics of the teeth:

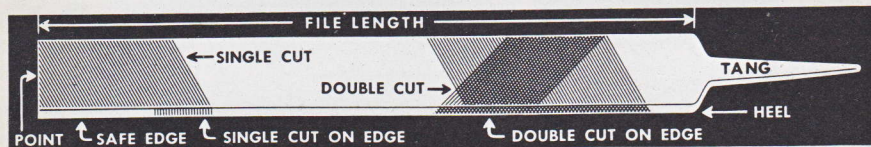
- It identifies the character of the teeth, that is, Single cut, Double cut or Rasp cut.
- It identifies the degree of coarseness of the cut: Bastard, Second cut or Smooth. Or in Superfine Swiss Pattern Files: 00, 0, 1, 2, 3,

4, 6—00 being the coarsest.

The relative degrees of coarseness in both American Pattern and Swiss Pattern files vary proportionately to the length of the file.

Length—The length of a file is measured from the point to the heel or shoulder. This does not include tang. File gullets are the indentations between teeth.

Rasp Cut—the Rasp cut differs from Single cut and Double cut in that the teeth are independent of each other—each tooth is formed separately by a single pointed tool or punch.



When ordering Files—Give definite information as to length, shape, cut and brand.

AMERICAN PATTERN FILES

Double Cut files have two courses of teeth or chisel cuts crossing each other, one course being finer than the other. The Double Cut is used on Machine Shop files such as Flat, Hand, Square, etc.

Single Cut files have one unbroken course of teeth or chisel cuts throughout the file's length, parallel to each other but at an oblique angle to

the length of the file. The Single Cut is used on saw files such as Taper, Cant and Mill.

SUPERFINE SWISS PATTERN FILES

Superfine Swiss Pattern Files are made to the most exacting specifications. All are double cut with tooth spacing ranging from the coarsest, No. 00, to the finest, No. 6. They are compared in cut to American Pattern Files as follows: No. 00 equal to Bastard; No. 1 to Second Cut; No. 2 to Smooth.



Henry Disston & Sons, INCORPORATED

APPROXIMATE WEIGHTS OF AMERICAN PATTERN FILES

PER DOZEN IN POUNDS AND OUNCES

Patterns	4"	4½"	5"	5½"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Mill	-6				1- 5	1-15	2-14		5-15	10- 3	15- 0	24- 1	
Mill 1 Rd. Edge					1- 4		2-11		5- 8	9- 2			
Mill 2 Rd. Edges					1- 3		2-12		5-13				
Mill Blunt					1- 6	2- 2	3- 1		6- 2				
Pit Saw					1- 6		3- 0						
Canf.					1-14		3- 5		4-10				
No. 38 Pruning Saw					2- 4								
Chain Saw File							2-12						
Great American							3-12		6- 0				
Precision Cross-cut					1- 6	2- 2	3- 1		6- 2				
Inserted Tooth File							3- 5		6-14				
Regular Taper					2- 0	3- 2	4- 4		7- 8				
Slim Taper					-15	1-11	2-11						
Extra Slim Taper	-4	-7	-9		-11	1- 2							
Double Extra Slim Taper	-3	-4	-5		- 7	-11	-15						
Double Ender						-12	1- 5	1-15	2- 6				
Hand Saw Blunt Slim					1- 6								
Hand Saw Blunt Extra Slim				-9	-11	1- 1							
Band Saw Blunt					2- 6		5- 2						
Band Saw Blunt Slim					1- 9		3- 2						
Special Band Saw File No. 35					5- 0	6- 6							
Special Band Saw File No. 45					2- 2	2- 9							
Special Band Saw File No. 56					1- 7	1-13							
Ambler Band ½"					2-12								
Ambler Band ¾"					3- 6								
Ambler Band ¾"					4- 0								
Ambler Gin ¾"					1- 8								
Ambler Gin ½"					2-12								
Ambler Gin ¾"					5-12								
Flat	-9				1-10		4-10		7-13	12- 4	16-12	25-14	33-14
Hand					1-12		4-15		7- 6	11-10	15- 3	24- 6	
Hand Finishing										11-10	15- 3		
Square	-5				1- 0		1-15		4- 0	8- 6	15- 4	25- 8	
Round	-4				-14		1-12		3- 6	7- 0	12- 4	20- 4	
Half Round	-8				1- 7		3- 2		6- 7	11- 1	14- 8	23- 9	
Three Square					2- 2		4- 4		8- 0	11-12			
Pillar					1-14		4- 0		7- 3	12- 6			
Warding	-5				-12		1- 9		2-14				
Knife	-7				1- 3		3- 2		4- 3				
Flat Aluminum					1-10		4-10		7-13	12- 4	16-12		
Half Round Aluminum					1- 7		3- 2		6- 7	11- 1	14- 8		
Flat Casting							4-10		7-13	12- 4	16-12		
Half Round Casting							3- 2		6- 7	11- 1	14- 8		
Flat Lead Flat							4-10		7-13	12- 4			
Half Round Lead Flat							3- 2		6- 7	11- 1			
Flat Lathe									7-13	12- 4	16-12		
Flat Brass							4-10		7-13	12- 4			
Half Round Brass							3- 2		6- 7	11- 1			
Flat Wood Rasp							4-10		7-13	12- 4	16-12		
Half Round Wood Rasp					1- 7		3- 2		6- 7	11- 1	14- 8	23- 9	
Cabinet Rasp					1- 5		3- 0		6- 1	9-13	12-10		
Half Round Shoe Rasp							3-14	5- 4	6-12				
Horse Rasp Plain										13- 2	18- 0	27- 3	
Horse Rasp Tanged Regular											26- 5		
Auger Bit						- 9							
Doctor Blade											18- 0		
Milled Curved Tooth File													
Blades					1- 7		2-10		4- 8	6- 6	9- 5		
Milled Curved Tooth Tanged													
Files							3-10		6- 5	10-10	16- 9		

Figures at left of dash are pounds; figures at right are ounces.

ESTABLISHED 1840

In the year 1935 Diston developed the D-95 MASTERPIECE, a hand saw with new type handle, made of toughest, strongest molded material ever developed. Will not chip, shrink or swell.



MILL FILES

Mill Files are used mainly for filing mill or circular saws; for sharpening mowing machine blades and planer knives; for draw-filing; and for lathe work and for finishing compositions of brass

or bronze. Tapered slightly in thickness and width. Usually made with two square edges; single cut. Mill Files are made in the following variations of the mill blank:



MILL Tapers in width and thickness. Single cut on sides and edges. Made in Bastard cut, Second cut and Smooth.
Mill Files also made specially in Bastard cut for filing stainless steel. No extra cost. Specify "For Stainless Steel".



MILL 1 ROUND EDGE Same as regular mill except has one single cut round edge. This edge used for filing gullets. Bastard cut only.



MILL 2 ROUND EDGES Same as regular mill except has two single cut round edges. Rounded edge prevents cutting sharp corners in the gullets of cross-cut saws. Bastard cut only.



MILL BLUNT Used wherever the filer prefers a Mill file which does not taper in width and thickness. The 6-inch size, for example, is often used for filing Wood Saws.
 Parallel in width and thickness. Single cut on sides and edges. Bastard cut only.

Approximate Sizes of Mill Files

Kind	4"		6"		7"		8"		10"		12"		14"		16"	
	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick
Mill.....	7/16	3/8	3/8	1/2	45/64	1/2	13/16	3/2	1	3/8	13/16	7/2	13/8	1/4	11 1/2	7/2
Mill 1 Round Edge.....			3/8	1/2	45/64	1/2	13/16	3/2	1	3/8	13/16	7/2				
Mill 2 Round Edges.....			3/8	1/2	45/64	1/2	13/16	3/2	1	3/8						
Mill Blunt.....			3/8	1/2			13/16	3/2	1	3/8						




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Henry Disston & Sons, INCORPORATED


TAPER FILES


Taper Files—files triangular in section with 60° angles. These files are made for filing all types of

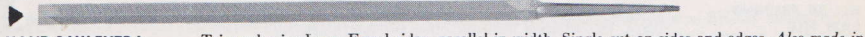
saws having 60° angle teeth. Taper hand saw files are single cut on sides and edges.


 **TAPER** Triangular in shape. Equal sides taper toward point. Single cut on sides and edges.

 **SLIM TAPER** Same as the regular taper except smaller in cross-section.


 **EXTRA SLIM TAPER** Same as slim taper except smaller in cross-section.


 **DOUBLE EXTRA SLIM TAPER** Same as extra slim taper except smaller in cross-section.


 **HAND SAW EXTRA SLIM BLUNT** Triangular in shape. Equal sides, parallel in width. Single cut on sides and edges. *Also made in Slim Blunt.*

 **DOUBLE ENDER** Triangular in shape. No tang, tapers from center to each end, providing six useable filing faces instead of three. Single cut on sides and edges. $\frac{1}{2}$ dozen handles supplied with each dozen files.

BAND SAW FILES

 **BAND SAW SLIM BLUNT** Triangular in section. Sides are uniform in width for entire length of the file. *Also made in Band Saw Blunt.*

 **SPECIAL BAND SAW** Nos. 35 & 45 & 56 Same cross-section as regular band saw file except edges are more rounded for filing saws with well rounded gullets. Single cut sides and edges. Three styles: No. 35 for 3 and 3½ point teeth per inch; No. 45 for 4 and 4½ points; No. 56 for teeth 5 and 6 points.

 **AMBLER BAND AND GIN** Triangular in shape. Parallel sides; point ground to fit Ambler machine. Single cut sides and edges. Ambler Gin file has sharper corners than the Ambler Band file.

Approximate Sizes of Taper and Band Saw Files

Kind	4"	4½"	5"	5½"	6"	7"	8"	9"	10"
Taper Files									
Taper					½	¾	¾		¾
Slim Taper	¼	¼	⅝		¾	1½	½		1½
Extra Slim Taper	⅜	⅞	⅞	¼	¾	1½	1½		
Double Extra Slim Taper	⅝	1¼	⅜		¾	¼	¾		
Hand Saw Blunt Slim					¾				
Hand Saw Blunt Extra Slim				¼	¾	1½			
Double Ender						¾		1½	¾
Band Saw Files									
Blunt					½		¾		
Slim Blunt					¾		½		
Special Band Saw No. 35					¾	¾			
Special Band Saw No. 45					½	½			
Special Band Saw No. 56					1½	1½			
Ambler Band					½, ⅝, ¾				
Ambler Gin					¾, ½, ¾				

ESTABLISHED 1840

During 1936 Disston started making Chain Saws, which have greatly increased production and cut costs in lumbering, in shipyards, on railroads, and wherever else large timbers are cut.



MISCELLANEOUS SAW FILES

These files are made for filing saws having specially shaped teeth. The Cant file for teeth with more or less than 60° angle; the Great American file is for use on cross-cut saws with Great

American style teeth, the rounded back of this file being used to deepen the rounded gullets of the raker teeth. Pit saw file for Pit or Frame saws.



CANT

Triangular in shape with two equal sides. Single cut on sides and two edges. Also made safe back. A popular file for pruning saws with long, slender teeth. Also made Herringbone cut.



No. 38 PRUNING SAW FILE

Designed for sharpening pruning saws with long, needle-shaped teeth. Four sided, oblique angle shape. Two adjacent faces cut, other two safe. Single cut.



CHAIN SAW FILE

This file is designed specially for sharpening the teeth of chain saw cutting chains. Parallel in width and thickness. Both edges round for filing gullets. Single cut on sides and edges. Made only in 8-inch length.



GREAT AMERICAN

Tapers in section from rounded back to thin edge. Parallel from heel to point. Single cut on sides, back and edge.



PRECISION CROSS-CUT

Designed for sharpening Precision Ground Cross-cut saws. Parallel in width and thickness. Single cut on sides and edges.



INSERTED TOOTH SAW FILE

Similar to mill blunt with two round edges. Parallel in width and thickness. Single cut on sides and edges.

Approximate Sizes of Miscellaneous Saw Files

Kind	4"		6"		7"		8"		10"		12"		14"		16"		
	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	
Pit Saw			7/8	7/32			9/8	7/32									
Cant			17/32	13/64			11/8	17/64	13/16	3/16							
Cant, Safe Back			17/32	13/64													
Cant, Herringbone Cut			17/32	13/64			11/8	17/64	13/16	3/16							
No. 38 Pruning Saw			13/16	7/32													
Chain Saw File							13/16	5/32									
Great American							11/8	7/32	13/16	23/64							
Precision Cross-Cut			3/8	1/8	49/64	1/8	13/16	9/64	1	11/64							
Inserted Tooth Saw							25/32	13/64									



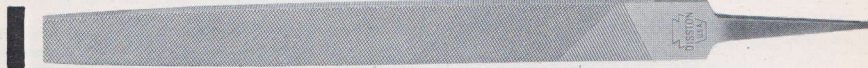
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MACHINE SHOP FILES

Machinist's Files include those commonly used for filing metals in machine shop work; also, those files used by machinery builders, engine builders,

repairmen, etc. Most machinist's files are double cut on the flat surface.



FLAT
For fast filing of large flat surfaces. Heavier than a mill file. Tapers in width and thickness. Double cut on sides, single cut on edges. Made in Bastard, Second cut and Smooth.
Flat files also made specially in Bastard cut for filing stainless steel. No extra cost. Specify "For Stainless Steel"



FLAT LATHE (Single Cut)
Designed for lathe filing where a smooth finish is desired. Same shape as flat file. Single cut on sides at a longer angle than standard flat file. Both edges safe. "Lathe" stamped on each file. Made only in Bastard cut.



FLAT LATHE (Double Cut)
Faster than single cut but does not give as smooth a finish. Same shape as flat file. Double cut on sides. One cut at longer angle than standard flat file. Other cut straight across. Both edges safe. "Lathe" stamped on each file. Made only in Bastard cut.



HALF ROUND
Shape permits use of same file on flat and concave surfaces. Tapers in width and thickness. Double cut on flat side. In all Bastard, Second cut 8" and larger and Smooth cut 14" and larger sizes the back is double cut. Single cut on edges of Bastard cut only.
Half Round files also made specially in Bastard cut for filing Stainless steel. No extra cost. Specify "For Stainless Steel"



HAND
For fast, heavy filing. Preferred to the flat file because of parallel edges. Tapers in thickness. Double cut on sides, single cut on one edge, the other edge safe. Made in Bastard, Second cut and Smooth.
Hand Finishing files made only in Smooth cut. For use where very smooth finish is desired.

Approximate Sizes of Machine Shop Files

Kind	4"		6"		8"		10"		12"		14"		16"		18"	
	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick
Flat	3/8	7/16	3/8	5/16	13/16	7/16	1	3/4	1 1/16	1 1/4	1 3/8	1 5/8	1 7/8	1 1/2	1 3/4	2 1/4
Flat Lathe (S. C.)							1	3/4	1 1/16	1 1/4	1 3/8	1 5/8	1 7/8			
Flat Lathe (D. C.)							1	3/4	1 1/16	1 1/4	1 3/8	1 5/8	1 7/8			
Half Round	3/8	1/2	3/8	5/16	3/4	7/16	1 1/16	5/8	1 1/16	1 1/2	1 3/8	1 5/8	1 7/8	1 1/2	1 3/4	
Hand			3/8	5/16	13/16	7/16	1	3/4	1 1/16	1 1/4	1 3/8	1 5/8	1 7/8	1 1/2		
Hand Finishing									1 1/16	1 1/4	1 3/8	1 5/8				

ESTABLISHED 1840

In 1939 Disston announced the first complete line of thin planer knives ever offered to the millman — Disston Dissteel, Disston Di-Mol and Disston High Speed Steel.



MACHINE SHOP FILES—Continued



KNIFE Used by tool and die makers on work having acute angles. Heavy on back edge and curved at point like knife blade. Double cut on sides, single cut on thin edge; back safe. Made in Bastard, Second cut and Smooth.



PILLAR Generally used for filing slots and keyways. Parallel in width; tapers in thickness. Thickness at the heel is approximately $\frac{1}{2}$ the width. Double cut on sides; one edge single cut, the other edge safe. Made in Bastard, Second cut and Smooth.



ROUND Principally used to file circular openings and curved surfaces. Tapers to blunt point. Double cut in 6-inch Bastard and larger; and in 12- and 14-inch Second cut. All other sizes including Smooth cut are single cut. Made in Bastard, Second cut and Smooth.



SQUARE Excellent for keyways and slots, also used for surface filing. Tapers to blunt point. Double cut. Made in Bastard, Second cut and Smooth. Also made in blunt Bastard.

Square files also made specially in Bastard cut for filing stainless steel. No extra cost. Specify "For Stainless Steel".



THREE SQUARE Triangular with angles of 60° . Tapers to a point. Excellent for taps and cutters; also for cleaning out sharp corners. Edges are sharp and not cut. Double cut on sides. Made in Bastard, Second cut and Smooth.



WARDING A favorite with locksmiths. Good for narrow spaces. Thinnest regular pattern. Uniform in thickness. Tapers in width to narrow point. Double cut on sides, single cut on edges. Made Bastard, Second cut and Smooth.

Approximate Sizes of Machine Shop Files

Kind	4"		6"		7"		8"		10"		12"		14"		16"		18"		
	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	
Knife	$\frac{15}{32}$	$\frac{3}{4}$	$\frac{11}{16}$	$\frac{3}{32}$			$\frac{7}{8}$	$\frac{3}{16}$	$\frac{11}{16}$	$\frac{1}{4}$									
Pillar			$\frac{7}{16}$	$\frac{3}{32}$			$\frac{9}{16}$	$\frac{3}{32}$	$\frac{11}{16}$	$\frac{11}{32}$	$\frac{13}{32}$	$\frac{13}{32}$							
Round		$\frac{3}{16}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{9}{16}$		$\frac{3}{8}$		$\frac{1}{2}$		$\frac{5}{8}$		$\frac{3}{4}$			
Square		$\frac{3}{16}$		$\frac{1}{4}$		$\frac{3}{8}$		$\frac{9}{16}$		$\frac{3}{8}$		$\frac{1}{2}$		$\frac{5}{8}$		$\frac{3}{4}$		$\frac{7}{8}$	
Three Square				$\frac{1}{2}$				$\frac{3}{8}$		$\frac{3}{4}$									
Warding		$\frac{7}{16}$		$\frac{1}{16}$				$\frac{23}{32}$	$\frac{3}{32}$	$\frac{15}{16}$	$\frac{1}{8}$								



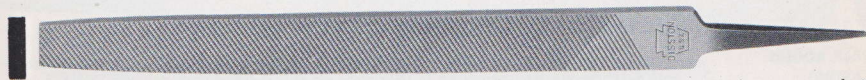
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SPECIAL PURPOSE FILES

The files illustrated in this group are designed for filing jobs of special character. When used for

the job for which each is designed, a saving in time, better work and longer life for the file are assured.



FLAT ALUMINUM

For filing aluminum. Same shape as flat file. Double cut on sides, tooth spacing coarser and at different angle. Designed to minimize clogging and produce smooth finish. Edges are safe. "Aluminum" stamped on each file.



HALF ROUND ALUMINUM

Same shape as half round, tooth spacing coarser and at different angle than standard half round bastard. Double cut on back and flat side. "Aluminum" stamped on each file.



FLAT BRASS

For filing brass. Designed to cut fast with minimum of clogging. Same shape as flat file. Double cut on sides, single cut on edges. "Brass" stamped on each file.



HALF ROUND BRASS

Designed for fast cutting with minimum clogging. Same shape as regular half round. Flat side and back double cut. "Brass" stamped on each file.



FLAT CASTING

Extra strong teeth and edges for heavy service. Made for snagging spines, burrs and fins from castings. Same shape as flat file. Double cut on sides. Single cut on edges. "Casting" stamped on each file.

Approximate Sizes of Special Purpose Files

Kind	4"		6"		8"		10"		12"		14"		16"		18"	
	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick
Flat Aluminum			$\frac{3}{8}$	$\frac{5}{16}$	$\frac{13}{16}$	$\frac{7}{16}$	1	$\frac{1}{4}$	$\frac{13}{16}$	$\frac{13}{16}$	1 $\frac{1}{2}$	$\frac{13}{16}$				
Half Round Aluminum			$\frac{3}{8}$	$\frac{5}{16}$	$\frac{3}{4}$	$\frac{7}{16}$	$\frac{13}{16}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$				
Half Round Brass					$\frac{3}{4}$	$\frac{7}{16}$	$\frac{13}{16}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{13}{16}$				
Flat Brass					$\frac{13}{16}$	$\frac{7}{16}$	1	$\frac{1}{4}$	$\frac{13}{16}$	$\frac{13}{16}$	1 $\frac{1}{2}$	$\frac{13}{16}$				
Flat Casting					$\frac{13}{16}$	$\frac{7}{16}$	1	$\frac{1}{4}$	$\frac{13}{16}$	$\frac{13}{16}$	1 $\frac{1}{2}$	$\frac{13}{16}$				

In the 1940's Disston supplied vast quantities of armor plate, Steel, Saws, Tools, Files and other products and material for our armed forces and war industries.

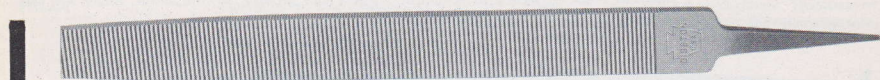


SPECIAL PURPOSE FILES — Continued



HALF ROUND CASTING

Same shape as half round. Strong teeth and edges to stand up to hard service of snagging burrs and fins from castings. Double cut on back and flat side. "Casting" stamped on each file.



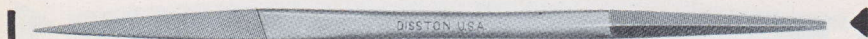
FLAT LEAD FLOAT

Designed for use on lead, babbitt and other soft metals. Same shape as standard flat. Very coarse single cut straight across on sides for fast cutting and easy cleaning. Single cut on edges. "Lead Float" stamped on each file.



HALF ROUND LEAD FLOAT

Same shape as regular half round. Coarse single cut straight across on flat side and back insuring fast cutting and easy cleaning. "Lead Float" stamped on each file.



AUGER BIT

Designed for sharpening auger bits. Made only in 7-inch length. One end single cut taper; other end, single cut, warding shape, one edge safe.



DOCTOR BLADE

Designed for filing doctor blades used in the textile printing industry. These files are 14 inches long, without tang. Parallel in width and thickness. Double cut, edges safe. Made in Coarse and Smooth cuts.

Approximate Sizes of Special Purpose Files

Kind	5"		7"		8"		10"		12"		14"		16"		18"	
	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick
Half Round Casting					$\frac{3}{4}$	$\frac{7}{16}$	$1\frac{1}{8}$	$\frac{9}{16}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{8}$	$1\frac{3}{16}$				
Flat Lead Float					$1\frac{3}{8}$	$\frac{7}{16}$	1	$\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{3}{8}$	$1\frac{3}{4}$	$1\frac{3}{4}$				
Half Round Lead Float					$\frac{3}{4}$	$\frac{7}{16}$	$1\frac{1}{8}$	$\frac{9}{16}$	$1\frac{1}{2}$	$1\frac{1}{2}$						
Auger Bit			$\frac{1}{4}$	$\frac{7}{16}$									$1\frac{3}{8}$	$1\frac{3}{4}$		
Doctor Blade																



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DISSTON RASPS

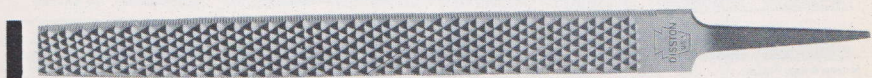
Rasps are different from files in that the cutting surface is made up of individual teeth, each formed separately by a single pointed tool or punch, instead of single or double regular rows as in a file.

Rasps are made in different styles—cabinet, wood, shoe and horse so named because of the character of work for which each is designed.



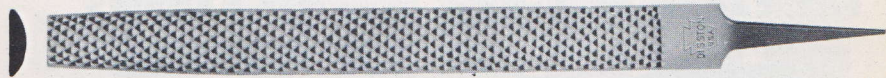
CABINET RASP

Tapered. Wider and thinner than half round—rasp cut on back and flat side. Single file cut on edges. Made in Second cut and Smooth.



FLATWOOD RASP

Same shape as flat file. Rasp cut on sides. Single file cut on edges. Bastard cut only.



**HALF ROUND
WOOD RASP**

Same shape as half round file. Rasp cut on back and flat side. Edges single file cut. Bastard and Smooth cuts.



**HALF ROUND
SHOE RASP**

Parallel in width and thickness. Flat one side, oval the other. Half of each side rasp cut, other half file double cut. Edges safe, ends cut.

Approximate Sizes of Rasps

Kind	4"		6"		8"		9"		10"		12"		14"		16"	
	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick
Cabinet Rasp			2 3/2	3/16	15/16	1/4			1 1/8	9/22	1 3/16	11/22	1 1/8	1 1/22		
Flat Wood Rasp					1 3/16	5/22			1	11/22	1 3/16	1 1/22	1 3/8	1 1/22		
Half Round Wood Rasp			5/8	1 1/64	1 3/16	5/16			1	1 1/22	1 3/16	1 1/22	1 3/8	1 1/22	1 1/8	2 1/4
Half Round Shoe Rasp					3/8	7/22	2 1/22	1/4	1 1/16	9/22						

ESTABLISHED 1840

In 1947 Disston developed this fine set of wood turning chisels for the professional and home craftsworker. Blades of extra high carbon tool steel. Each chisel perfectly balanced.

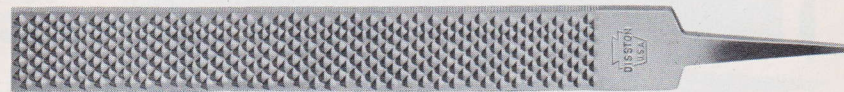


DISSTON RASPS — Continued



HORSE RASP PLAIN

This rasp is double ended. Parallel in width and thickness. Rasp cut on one side, coarse file cut on other. Edges single cut.



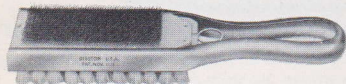
**HORSE RASP
TANGED**

Parallel in width and thickness. Rasp cut on one side, coarse file cut on other. Edges single cut.

Approximate Sizes of Horse Rasps

Kind	4"		6"		8"		10"		12"		14"		16"		18"	
	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick
Horse Rasp Plain									1 1/2	1 1/2	1 1/2	3/4	1 3/4	7/8		
Horse Rasp Tanged											1 3/4	7/8				

FILE CARD AND BRUSH



No. 2 File Card and Brush

The Disston No. 2 File Card and Brush lengthens the life of a file; assures faster and better work. When a file is clogged, a few strokes with file card across its surface cleans out the file gullets. Pressed steel construction forms strong frame and comfortable handle. Soft steel pick provided for removal of stubborn particles.

Face		Length Over-all inches	Weight per doz. lbs.
Card	Brush		
5 x 1 1/2	5 x 1 1/2	9 1/2	2 3/4

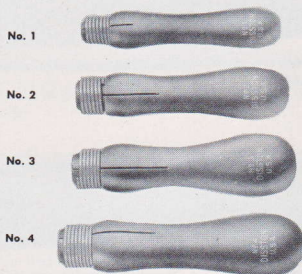
Packed 1/2 dozen in box.

No. 1 File Card

The Disston No. 1 File Card is the same as the No. 2, without brush and pick.

Weight per dozen, 2 lbs.

FILE HANDLES



Nos. 1, 2, 3, 4 File Handles

Disston Stronghold File Handles are made from selected wood. Smooth finish; shaped for comfortable grip. Ferrule end is slit to allow for expansion and gripping tangs of different size. Spiral ferrule grips tang and prevents cracking or splitting of handle.

Number	Length inches	Files used in Handle	Weight per doz. lbs.
No. 1	4 1/4	3 to 6 ins.	3/4
No. 2	4 1/2	6 to 10 ins.	1 1/2
No. 3	4 3/4	10 & 12 ins.	1 3/4
No. 4	5 1/2	14 & 16 ins.	2
Assorted (Doz.) (Two Nos. 1 & 4; Four 2 & 3)			1 1/2

Packed 1 doz. same size in box; also 1 doz. assorted sizes in box.

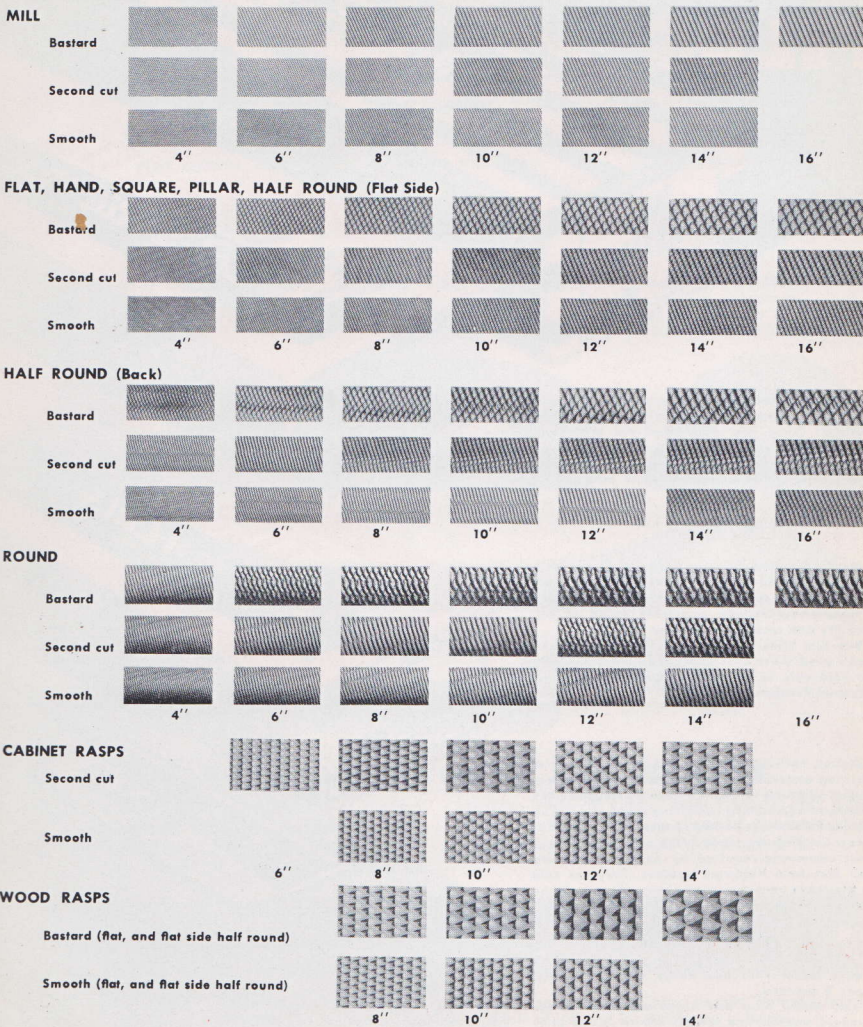


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COMPARISON OF CUTS OF DIFFERENT KINDS OF AMERICAN PATTERN FILES

We illustrate below the relative coarseness—Bastard, Second cut and Smooth—of files in the most commonly used lengths in which the patterns are made.



DISSTON

AMERICAN PATTERN

FILES



DISSTON

An established brand of first quality, grade A files with consumer acceptance the world over.

Disston Brand Files and Rasps are made and stocked in the patterns, lengths and sizes shown in the price list table. They are packed, according to size, in a striped orange and black box, labeled at top center and on one end.



BITE-RITE

Disston Bite-Rite Files are first quality, grade A files—an exclusive product of Disston engineering. Teeth of double cut Bite-Rite Files are staggered like a harrow—successfully combining speed of cut, long life and smoothness of filed surface.

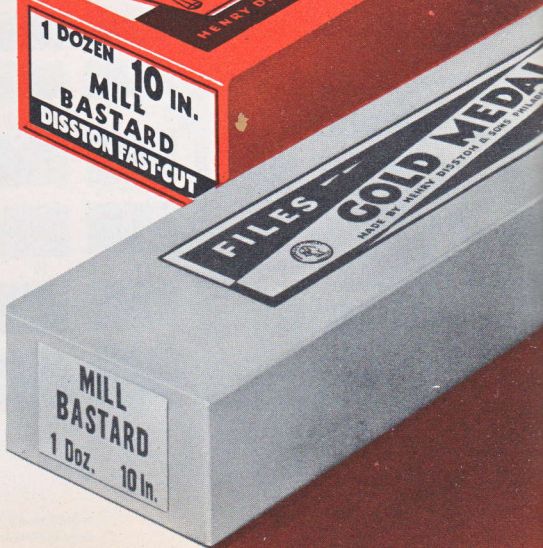
Bite-Rite Files are made in the patterns and sizes used most commonly by industry—they are sold only to industry through distributors of Industrial Products.



FAST-CUT

Disston Fast-Cut Files are first quality, grade A files—an exclusive product of Disston engineering. Teeth of all double cut Fast-Cut Files are staggered like a harrow—successfully combining speed of cut, long life and smoothness of filed surface.

Fast-Cut Files are made in the patterns and sizes most commonly required by users who secure their files from Hardware retailers. They are sold by Disston to hardware wholesalers who supply the Hardware Trade.



GOLD MEDAL

Gold Medal Files and Rasps are first quality, grade B products.

Gold Medal Files and Rasps are made in the standard patterns and lengths shown in the price list table.

Gold Medal Files are readily identified by the brand markings on each file. Packed according to size in a gray box with a yellow and black label centered on the top and yellow and black label on one end.

MILLED CURVED TOOTH FILES AND FILE BLADES

The combination of file blade and correctly designed, matched and balanced holder is essential for best file performance. The Disston curved tooth line of blades and

holders illustrated below is the first offered in combination as a genuine Automotive Service Tool Line.

When ordering these Files and File Blades make certain to give the information shown at right.

- 1—State the number of dozens of each type required.
- 2—Give the length of file or blade wanted.
- 3—State whether File Blade or Tanged File is wanted, then give names as "Flexible", "Moulding", "Shell", "Radius", etc.
- 4—Give the cut—"Regular", "Fine" or "Smooth".
- 5—Give all necessary instructions as to delivery and shipment.

Note: 10" and under packed 1 dozen in package; over 10", ½ dozen.

Shapes of Curved Tooth File Blade

FLAT CUTTING SURFACE



"Flat" or "Flexible" refers to a flat cutting surface, with teeth on both sides of file or blade.

MOULDING (CONCAVE)



"Moulding" refers to concave cutting surface—with teeth on inner or concave side of file.

SHELL (CONVEX)



"Shell" refers to convex cutting surface—with teeth on outer or convex side.



MILLED CURVED TOOTH FILE BLADES

For surface finishing—automobile bodies, fenders, door panels, tops and drip moldings; metal furniture and cabinets; refrigerator cabinets; aluminum and stainless steel panels on streamline trains; air-

planes; soldered joints; welded joints; and wherever a smooth finish is required on sheet steel, aluminum, stainless steel, Monel metal, etc.



FLEXIBLE BLADES

Curved tooth blade with teeth on both faces. Supplied in three cuts—Regular, Fine and Smooth. Each blade drilled and countersunk with hole at each end for attachment to holder.



In the year 1855 Henry Disston built his own furnace and cast the first crucible saw steel ever made in America. Disston Steel always has been famous for the service it renders to users.

ESTABLISHED 1840

MILLED CURVED TOOTH FILE BLADES — Continued



MOULDING BLADE

Curved tooth blades, concave shape, with teeth on inner or concave face of blade. Supplied only in Regular cut. Drilled and countersunk with hole at each end for attachment to holder.



HALF ROUND SHELL BLADE

Curved tooth blade, convex shape with teeth on convex face of blade. Supplied in Regular, Fine and Smooth cuts. Countersunk holes at each end for attachment to holder.



RADIUS BLADE

Flat curved tooth file blade with straight edge on one side, radius curved edge on other. Regular cut only. Each blade has drilled and countersunk hole at each end for attachment to holder No. HR.

Approximate Sizes of Milled Curved Tooth File Blades

Kind	6		8		10		12		14	
	Width	Thick	Width	Thick	Width	Thick	Width	Thick	Width	Thick
Flexible Blade			$1\frac{1}{8}$	$1\frac{3}{16}$	1	$\frac{3}{16}$	$1\frac{1}{8}$	$1\frac{3}{16}$	$1\frac{11}{16}$	$\frac{7}{16}$
Moulding Blade			$1\frac{1}{8}$	$\frac{5}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{3}{16}$	$1\frac{3}{8}$	$1\frac{3}{16}$
Half Round Shell Blade			$1\frac{1}{8}$	$\frac{5}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{3}{16}$	$1\frac{3}{8}$	$1\frac{3}{16}$
Radius Blade	$1\frac{1}{8}$	$\frac{3}{16}$								

MILLED CURVED TOOTH TANGED FILES

For production filing—steel, brass, bronze, and aluminum castings, die castings, etc. Also for die,

tool and pattern work, and many other uses where fast-cutting qualities are desired.



HALF ROUND SOLID

Half Round section curved tooth tanged file. Parallel sides. Curved tooth cut on both faces. Supplied in Regular, Fine and Smooth cuts.



PILLAR

Pillar shape curved tooth tanged file. Parallel in width and thickness. Curved tooth cut on both faces. Edges not cut. Supplied in Regular, Fine and Smooth cuts.



FLAT

Flat shape curved tooth tanged file. Parallel sides. Curved tooth cut on both faces. Edges uncut. Supplied in Regular, Fine and Smooth cuts.

MILLED CURVED TOOTH TANGED FILES—Continued



UTILITY

Shape similar to flat curved tooth tanged file. One face Regular cut; other face Smooth cut. Edges uncut. Made only as described.



BABBITT

Shaped similar to flat curved tooth tanged file. Cut on both faces with special tooth for filing babbitt. Only one cut as described.

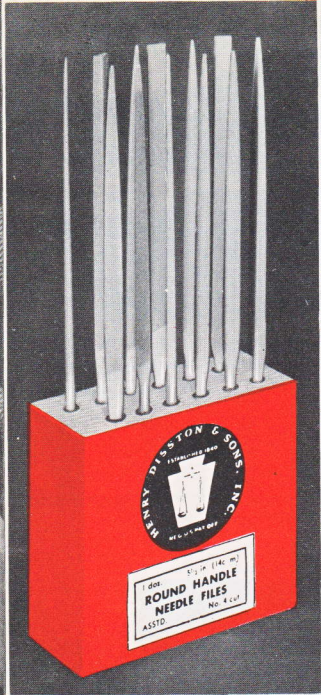
Approximate Sizes of Milled Curved Tooth Tanged Files

Kind	8		10		12		14	
	Width	Thick	Width	Thick	Width	Thick	Width	Thick
Half Round Solid	1 ¹ / ₁₆	1 ³ / ₁₆	1	9 ¹ / ₁₆	1 ³ / ₁₆	1 ¹ / ₁₆	1 ²⁵ / ₆₄	2 ⁵ / ₆₄
Pillar	9 ¹ / ₁₆	9 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ³ / ₁₆	1 ¹ / ₁₆	1 ⁵ / ₁₆	1 ⁵ / ₁₆
Flat	5 ⁵ / ₁₆	3 ¹ / ₁₆	1	1 ⁵ / ₁₆	1 ⁷ / ₁₆	9 ¹ / ₁₆	1 ²³ / ₆₄	2 ¹ / ₆₄
Utility	2 ⁷ / ₁₆	3 ¹ / ₁₆	1	7 ¹ / ₁₆	1 ¹ / ₁₆	9 ¹ / ₁₆	1 ²³ / ₆₄	3 ¹ / ₁₆
Babbitt					1 ¹ / ₁₆	9 ¹ / ₁₆	1 ²³ / ₆₄	3 ¹ / ₁₆



In 1865, because he needed better files, Henry Disston began manufacturing files. Today, Disston makes more than 250 kinds and uses more than 35,000 dozen annually in the Disston plant.

ESTABLISHED 1840



SUPERFINE* SWISS PATTERN FILES

Disston Superfine Swiss Pattern Files are accurately made to meet the requirements of mechanics engaged in the manufacture of tools and machine parts where tolerances are exacting . . . precision tools for precision work. Disston Superfine Swiss Pattern Files are made in a wide variety of shapes, sizes and cuts . . . a file for every type of work.

Disston Superfine Swiss Pattern Files are branded as shown in the illustrations on this page. They are packed in purple-colored boxes with white labels printed in orange and black centered on top of box and on one end.

Round Handle Needle file and Escapement file assortments are packed in wood-block-and-cover container—block bored with hole for each file in set, makes selection of a particular file easy.

Listed on the following pages are the general characteristics of the files comprising this group.

**Brand name registered U. S. Patent Office.*

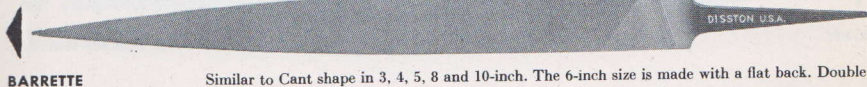
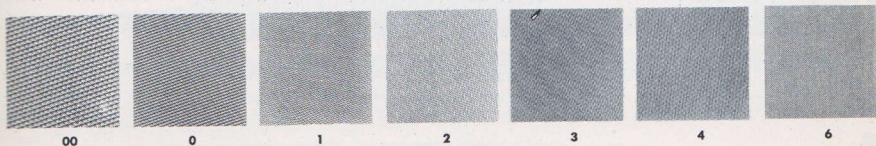


SUPERFINE SWISS PATTERN FILES

Disston Superfine Swiss Pattern Files are high quality, carefully made and rigidly inspected precision cutting tools. They are made in cuts, lengths and patterns as described in the following pages. Many of these files are similar in cross

section to American Pattern files but they differ somewhat in sharpness of point and length of taper. Disston Superfine Files are made in finer cuts for precision work.

Comparison of Cuts, Nos. 00 to 6 of 8-inch Superfine Swiss Pattern Files



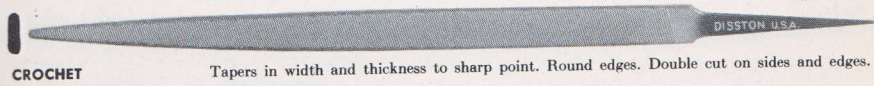
BARRETTE

Similar to Cant shape in 3, 4, 5, 8 and 10-inch. The 6-inch size is made with a flat back. Double cut on wide flat side. Other sides safe.



HAND

Parallel in width, tapers in thickness. Double cut on sides. Single cut on one edge up to and including No. 2 cut. Finer than No. 2, both edges safe.



CROCHET

Tapers in width and thickness to sharp point. Round edges. Double cut on sides and edges.



CROSSING

Made from oval section steel. One side like half round, other side flatter curve. Tapers in width and thickness to sharp point. Double cut on both sides.



EQUALING

Similar to hand, except parallel in width and thickness. Double cut on sides, single cut on both edges.

For sizes and cuts, see price list.

Up to 1868 Disston made band saws, only $\frac{3}{4}$ " wide. Since then Disston has frequently made band saws 66 feet long, 18 inches wide, for use in the world's largest lumber mills.



SUPERFINE SWISS PATTERN FILES—Continued

**HALF ROUND**

Tapers in width and thickness to sharp point. Double cut on back and flat side.

**JOINT**

Parallel in width and thickness. Double cut on edges. Sides safe. Made either with 2 round or 2 square edges and in several thicknesses.

**KNIFE**

Shaped similar to a knife blade. Double cut on sides and single cut on both back and thin edge.

**METAL SAW**

Triangular in shape. Parallel throughout entire length. Double cut on sides, single cut on edges.

**PILLAR**

Parallel in width, tapers in thickness. Thickness at heel approximately $\frac{1}{2}$ the width. Double cut on sides with two safe edges. Also made in narrow pillar.

**PILLAR
EXTRA NARROW**

Similar to hand but narrower and thinner. Parallel in width, tapers in thickness. Double cut on sides with two safe edges. Also made in Narrow Pillar.

**PILLAR TESTING**

Same shape as regular Superfine pillar in 6-inch length; same shape as narrow pillar in 8-inch length. Special shaped tooth for testing hardness of steel, not to be used for filing. Cut on sides; two edges safe.

For sizes and cuts, see price list.



SUPERFINE SWISS PATTERN FILES—Continued



PIPPIN

Similar in shape to an apple seed. Rounded back tapering to a sharp edge. Also tapers to a point in width and thickness. Double cut on back and sides.



ROUND

Tapers throughout its length to sharp point. Double cut.



ROUND STRAIGHT

Parallel throughout entire length. Double cut.



SLITTING

Diamond shape. Parallel throughout entire length. Double cut on all four sides. Single cut on two sharp edges.



SQUARE

Tapers to sharp point. Double cut on three sides. One safe side. *Supplied four sides cut only when so ordered.*



THREE SQUARE

Triangular in shape with 60° angles. Tapers to sharp point. Double cut on three sides all the way to the point. Single cut on edges.



WARDING

Tapers in width to sharp point but parallel in thickness. Double cut on sides, single cut on edges.

ESTABLISHED 1840

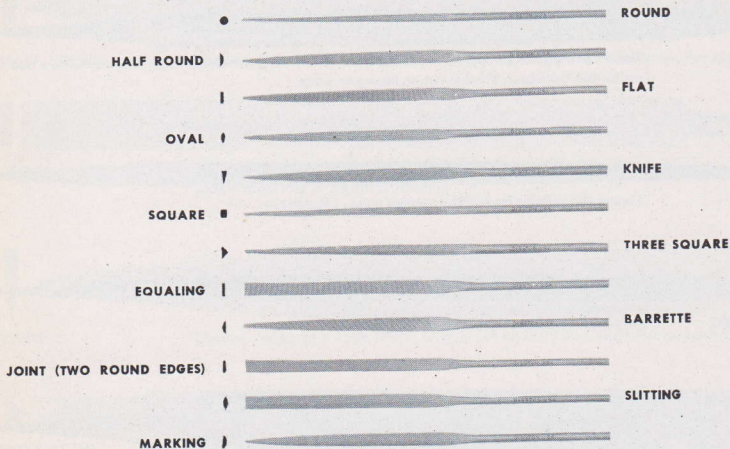
In the year 1874 Henry Disston designed the skew-back saw. Until then all hand saws had straight backs. He called in his engineer and with a piece of crayon drew the design on the office floor.



ROUND HANDLE NEEDLE FILES

Round Handle Needle Files are used principally by jewelers, instrument makers, die makers, watchmakers and fine tool makers. These files are made in 4-inch, 5½-inch and 6¼-inch over-all lengths—in Nos. 0, 2, 4 and 6 cuts.

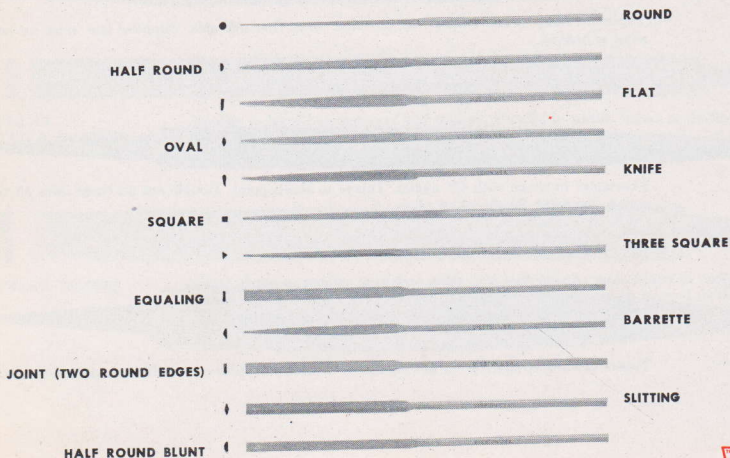
Sold in dozens of any pattern, or in sets of twelve shapes illustrated. When purchased in sets, files are packed in special container illustrated on title page of this section.



ESCAPEMENT FILES

Escapement Files, or Square Handle Needle Files, are made especially for watchmakers, clockmakers and similar precision craftsmen. They are made in the twelve shapes illustrated in one size only, 5½ inches over-all, in Nos. 0, 2,

4 and 6 cuts. Sold in dozens of any pattern, or in sets of twelve shapes illustrated. When purchased in sets, files are packed in special container illustrated on title page of this section.

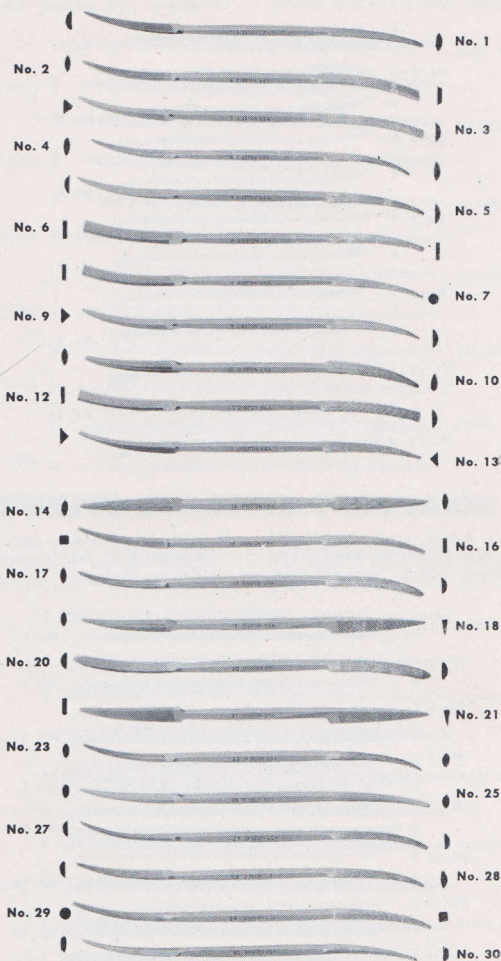


REG. U.S. PAT. OFF.

DIE SINKER'S RIFFLERS

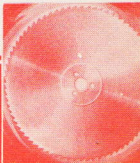
Disston Superfine Die Sinker's Rifflers are made in a variety of double-end shapes. Used for fine work for finishing holes, slots and irregular shapes in die and other intricate work.

They are made $7\frac{1}{2}$ inches over-all in cuts Nos. 0 and 2. Shapes known by number—23 as illustrated.



ESTABLISHED 1840

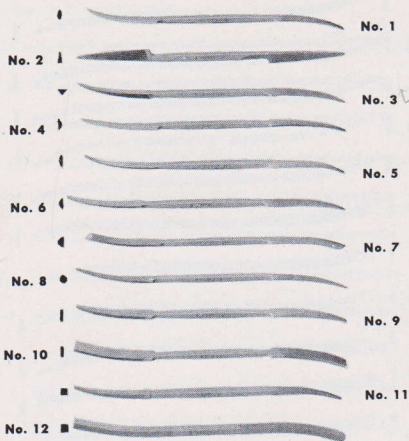
The year 1889 saw the first 18-inch circular metal cutting saw produced by Disston, which revolutionized metal cutting in America. This first milling saw was used in Midvale Steel Works, Philadelphia.



SILVERSMITH'S RIFFLERS

Disston Superfine Silversmith's Rifflers are used to make dies in jewelry manufacture and to finish or repair castings and jewelry of all descriptions. They are made in 7½-inch

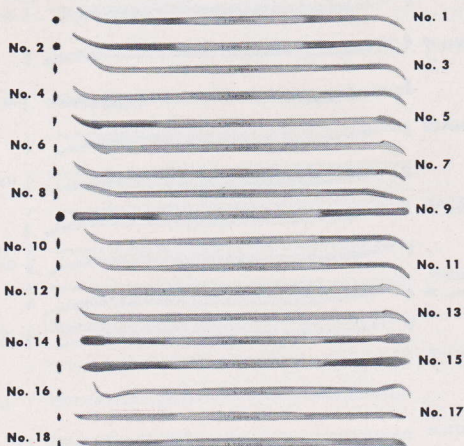
length in twelve shapes as illustrated—cuts Nos. 0 and 2. Sold in dozens of any shape, or in assortments of patterns illustrated.



DISSTON PATTERN RIFFLERS

These rifflers are made in a wide variety of double-end shapes. Used to round out holes or irregular shapes and for the finishing of dies and small castings. Made 6½ inches

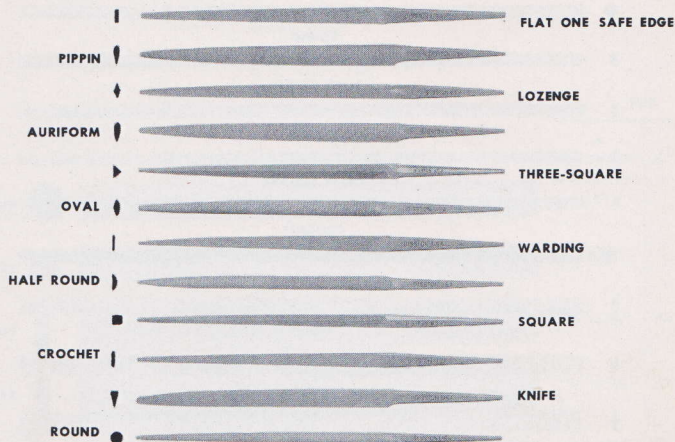
overall in Nos. 0, 2 and 4 cuts. Shapes known by number—18 shapes in all. Sold in dozens of any shape, or in sets of 18 shapes illustrated.



DIE SINKER'S FILES

These files are made for die sinker's use in dressing and finishing. These precision files are widely used for bench finishing of drop forged and stamping dies, cleaning out

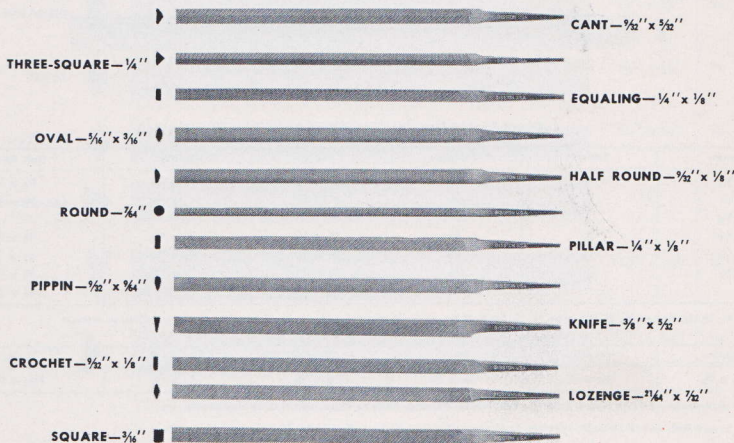
die cavities, etc. Die sinker's files are $3\frac{1}{2}$ inches in length. They are made in Nos. 0, 1 and 2 cuts. Sold in dozens of any pattern, or in sets of twelve shapes illustrated.



PARALLEL MACHINE FILE—Style C

These Disston Superfine Swiss Pattern Parallel Machine Files are made for use on Cochrane-Bly and other machines. They cut on the down stroke. They can be supplied to order

for cutting on the push stroke. Parallel in width and thickness. Made in two lengths in widths and thicknesses given under illustrations, in Nos. 00, 0 and 2 cuts.



ESTABLISHED 1840

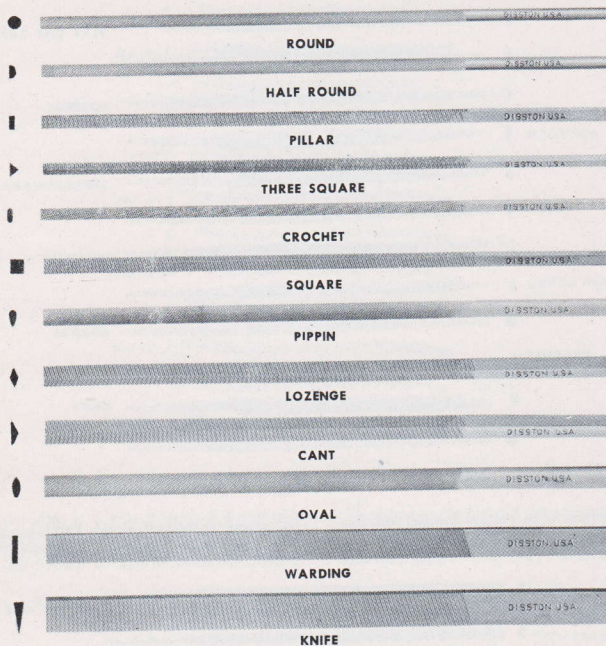
In 1893 Disston began manufacturing metal-cutting band saws, hundreds of thousands of which have been produced in the Disston Saw Works. There is a Disston Band Saw for every machine.



8-INCH PARALLEL MACHINE FILES

Disston 8-inch Parallel Machine Files are 8 inches long over-all; they cut on the down stroke and are made for use on Oliver, Harvey (Butterfly), Cochrane-Bly and other similar

filing machines. Supplied only in cuts Nos. 00, 0 and 2 in the sizes listed. 000 in shapes and sizes marked (*).



8-Inch Parallel Machine Files, Approximate Size—Inches

Round	Square	3-Square	Pillar	Crochet	Half Round
$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16} \times \frac{3}{32}$	$\frac{3}{16} \times \frac{7}{64}$	$\frac{3}{16} \times \frac{3}{32}$
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4} \times \frac{1}{8}$	$\frac{1}{4} \times \frac{1}{8}$	$\frac{1}{4} \times \frac{1}{8}$
$\frac{5}{16}$					
$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8} \times \frac{3}{16}$	$\frac{3}{8} \times \frac{5}{32}$	$\frac{3}{8} \times \frac{3}{16}$
$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2} \times \frac{1}{4}$	$\frac{1}{2} \times \frac{11}{64}$	$\frac{1}{2} \times \frac{1}{4}$
$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8} \times \frac{3}{16}$	$\frac{5}{8} \times \frac{3}{16}$	$\frac{5}{8} \times \frac{5}{16}$
			$\frac{3}{4} \times \frac{3}{8}$		$\frac{3}{4} \times \frac{3}{8}$

*Round in $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$; Square $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$; 3-Square $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$; Half Round $\frac{3}{8}$, $\frac{1}{2}$ and Pillar $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ supplied in 000 cut when so ordered.

Pippin	Lozenge	Cant	Oval	Warding	Knife
$1\frac{1}{64} \times \frac{5}{32}$	$1\frac{1}{32} \times \frac{7}{32}$	$1\frac{1}{32} \times \frac{3}{64}$	$1\frac{1}{32} \times \frac{3}{16}$	$\frac{7}{16} \times \frac{1}{16}$	$1\frac{5}{32} \times \frac{1}{8}$

Small size assortment: one size Pippin, Lozenge, Cant, Oval, Warding, Knife as listed, and $\frac{3}{16}$ -inch size of other six.

Large size assortment: one size Pippin, Lozenge, Cant, Oval, Warding, Knife as listed, and $\frac{3}{8}$ -inch size of other six.















BENCH MACHINE FILES

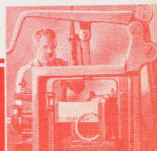
Disston Bench Machine Files are used in machines for filing dies and patterns. They cut on the down stroke. These files are milled from oversize round bars which insure absolute alignment of the body and shank, and accuracy in

shape, size and cut. Size A— $3\frac{1}{4}$ inches long with $\frac{1}{4}$ -inch round shank. Size B— $3\frac{1}{4}$ inches long with $\frac{1}{8}$ -inch round shank. Supplied only in cuts Nos. 00, 0 and 2 in patterns illustrated.

SIZE

		A $\frac{1}{4}$ " SHANK	B $\frac{1}{8}$ " SHANK
ROUND		$\frac{1}{4}$ "	$\frac{1}{8}$ "
SQUARE		$\frac{7}{32}$ "	$\frac{1}{8}$ "
CROCHET		$\frac{3}{16}$ " x $\frac{5}{32}$ "	$\frac{3}{16}$ " x $\frac{7}{32}$ "
PILLAR		$\frac{7}{32}$ " x $\frac{5}{32}$ "	$\frac{7}{32}$ " x $\frac{7}{32}$ "
HALF ROUND		$\frac{3}{16}$ " x $\frac{3}{16}$ "	$\frac{3}{16}$ " x $\frac{7}{64}$ "
PIPPIN		$1\frac{1}{32}$ " x $\frac{7}{32}$ "	$\frac{5}{32}$ " x $\frac{7}{32}$ "
EQUALING		$\frac{7}{32}$ " x $\frac{5}{32}$ "	$\frac{3}{16}$ " x $\frac{7}{32}$ "
OVAL		$\frac{5}{16}$ " x $\frac{3}{16}$ "	$\frac{5}{32}$ " x $\frac{3}{32}$ "
LOZENGE		$\frac{5}{16}$ " x $\frac{7}{32}$ "	$\frac{3}{16}$ " x $\frac{1}{8}$ "
THREE SQUARE		$\frac{9}{32}$ "	$\frac{5}{32}$ "
KNIFE		$1\frac{7}{32}$ " x $\frac{3}{16}$ "	$\frac{3}{16}$ " x $\frac{7}{32}$ "
CANT		$1\frac{1}{32}$ " x $\frac{3}{16}$ "	$\frac{3}{16}$ " x $\frac{1}{8}$ "

In 1894 Disston made America's first machine hack saw blades. Millions of Disston Machine Hack Saw and Hand Hack Saw Blades are now used every year throughout the world.



ESTABLISHED 1840

APPROXIMATE WEIGHTS OF SUPERFINE SWISS PATTERN FILES

PER DOZEN IN POUNDS AND OUNCES

Pattern	3"	4"	5"	6"	8"	10"	12"
Barrette	-3	-8		1-9	2-11		
Crochet	-4	-5		-13	1-12	2-9	
Crossing	-3	-8		1-13	3-1	6-10	
Equaling	-3	-5		1-1	2-10		
Half Round	-3	-8	-13	1-6	3-0	6-7	11-1
Hand	-7	-15		1-10	3-15	6-14	11-10
Joint Round Edge	-4	-5		1-6			
Joint Square Edge	-4	-7		1-7			
Knife	-2	-8	-13	1-3	3-2		
Metel Saw	-4	-8		1-0	4-0		
Pillar	-5	-8		1-8	3-6	5-4	9-2
Pillar Narrow	-4	-7		1-1	3-5	4-0	7-14
Pillar Extra Narrow	-2	-5		-15	1-6	2-9	6-4
Pillar Testing				1-8	3-6		
Round	-2	-3	-6	-9	1-2	2-7	4-4
Round Straight		-8		-11	1-5		
Slitting		-8		1-2			
Square	-2	-5		-12	1-7	3-0	6-4
Three Square	-2	-7	-12	1-1	3-1	6-14	
Warding	-2	-4	-7	-11	1-9	2-14	
Pippin		-7		-12	1-9		

Round Handle Needle Files

Square Handle Needle Files

Die Sinker's Files

Pattern	4"	5½"	6¼"	Pattern	5½"	Pattern	3½"
Round	-1	-3	-5	Round	-3	Flat 1 S.E.	-4
Half Round	-1	-3	-5	Half Round	-3	Pippin	-3
Flat	-1	-3	-5	Flat	-3	Lozenge	-3
Oval	-1	-3	-5	Oval	-3	Auriform	-4
Knife	-1	-3	-5	Knife	-3	Three-Square	-3
Square	-1	-3	-5	Square	-3	Oval	-3
Three-Square	-1	-3	-5	Three-Square	-3	Warding	-3
Equaling	-1	-3	-5	Equaling	-3	Half Round	-4
Barrette	-1	-3	-5	Barrette	-3	Square	-3
Joint (2 R.E.)	-1	-3	-5	Joint (2 R.E.)	-3	Crochet	-3
Slitting	-1	-3	-5	Slitting	-3	Knife	-3
Marking	-1	-3	-5	Half Round Blunt	-3	Round	-4
Assortment	-1	-3	-5	Assortment	-3	Assortment	-4

Silversmith's Riffers

Die Sinker's Riffers

Disston Pattern Riffers

Style C

Pattern	7½"	Pattern	7½"	Pattern	6½"	Pattern	5"	6"
No. 1	-15	No. 1	-15	No. 1	-10	Barrette or Cant.	-15	1-2
2	-15	2	-15	2	-10	Three-Square	-8	1-0
3	-15	3	-15	3	-10	Equaling	-11	-13
4	-15	4	-15	4	-10	Oval	-13	1-0
5	-15	5	-15	5	-10	Half Round	-11	-13
6	-15	6	-15	6	-10	Round	1-0	1-3
7	-15	7	-15	7	-10	Pillar	-12	-15
8	-15	8	-15	8	-10	Pippin	-7	-9
9	-15	9	-15	9	-10	Knife	-10	-12
10	-15	10	-15	10	-10	Crochet	-12	-15
11	-15	11	-15	11	-10	Lozenge	-13	1-0
12	-15	12	-15	12	-10	Square	1-2	1-5
Assortment	-15	13	-15	13	-10	Assortment	-14	1-1
		14	-15	14	-10			
		15	-15	15	-10			
		16	-15	16	-10			
		17	-15	17	-10			
		18	-15	18	-10			
		19	-15	19	-10			
		20	-15	20	-10			
		21	-15	21	-10			
		22	-15	22	-10			
		23	-15	23	-10			
		24	-15	24	-10			
		25	-15	25	-10			
		26	-15	26	-10			
		27	-15	27	-10			
		28	-15	28	-10			
		29	-15	29	-10			
		30	-15	30	-10			
		Assortment	-15	Assortment	-15			

8" Parallel Machine Files

Pattern	¾"	¼"	¾"	¾"	½"	¾"	¾"	Pattern	1½"	1½"	¾"	1½"
Round	-12	1-5	1-14	2-13	5-2	7-14	7-14	Pippin	-12			
Square	-14	1-13	1-14	2-14	4-8	7-0	7-0	Square		1-0		
Three-Square	-8	-14		1-9	2-10	4-7	4-7	Cant.		-14		
Half Round	-6	-11		1-3	2-5	3-10	5-8	Oval		1-0		
Pillar	-8	-14		1-9	2-10	4-7	6-10	Warding			-14	
Crochet	-8	-14		1-9	2-10	4-7	6-7	Knife				1-0
Small Assortment	-12							Assortment				
Large Assortment	1-12											

Bench Files—A 3¼" x ¼"

Bench Files—B 3¼" x 1/8"

Pattern	¼"	Pattern	¼"
Round	-9	Round	-3
Square	-9	Square	-3
Crochet	-8	Crochet	-2
Pillar	-9	Pillar	-3
Half Round	-8	Half Round	-2
Pippin	-8	Pippin	-2
Oval	-7	Oval	-2
Equaling	-7	Equaling	-2
Lozenge	-8	Lozenge	-2
Three-Square	-8	Three-Square	-2
Knife	-8	Knife	-2
Cant.	-7	Cant.	-2
Assortment	-8	Assortment	-3

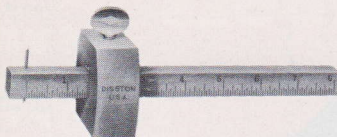
Figures at left of dash are pounds; figures at right are ounces



Henry Disston & Sons, INCORPORATED

MARKING GAUGES, BEVELS AND TRY SQUARES

No. 76 Marking Gauge



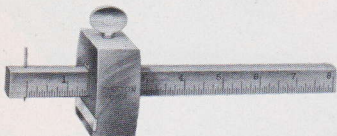
The Disston No. 76 Marking Gauge is made from hardwood, smooth finish. The stem is graduated by 16ths.

The adjusting screw bears against a brass plate in head to prevent wear on the stem.

Stem, inches	Head, inches	Weight per doz.
8 1/2 x 1 1/8 x 1 1/8	2 1/8 x 2 1/2 x 1	3 1/2 lbs.

Packed 1/2 dozen in box.

No. 77 Marking Gauge



The Disston No. 77 Marking Gauge is made from hardwood. The stem is graduated by 16ths. Brass plate on head prevents wear on face. The adjusting screw bears against brass plate in head to prevent wear on stem.

Stem, inches	Head, inches	Weight per doz.
8 1/2 x 1 1/8 x 1 1/8	2 1/8 x 2 1/2 x 1	3 1/2 lbs.

Packed 1/2 dozen in box.

No. 2 Bevel

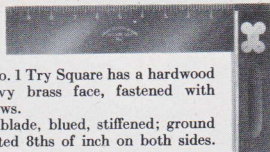


The Disston No. 2 Bevel has a walnut handle, fitted with heavy brass face plates. Disston Steel blade, 1-inch wide, stiffened, blued finish.

Blade	Stock	Weight per doz.
6 inches	4 inches	2 3/4 lbs.
8 inches	5 inches	3 1/4 lbs.
10 inches	6 1/8 inches	3 3/4 lbs.

Packed 1/2 dozen in box.

No. 1 Try Square



The Disston No. 1 Try Square has a hardwood stock with heavy brass face, fastened with countersunk screws.

Disston Steel blade, blued, stiffened; ground parallel. Graduated 8ths of inch on both sides.

Blade	Weight per doz.
6 inches	4 lbs.
8 inches	5 1/2 lbs.
10 inches	8 lbs.
12 inches	10 lbs.

Packed 1/2 dozen in box.

No. 90 Goose Neck Wrecking Bar



The Disston No. 90 Goose Neck Wrecking Bar is a handy tool for mill, store, warehouse and mechanic's kit, for pulling spikes, prying lids off boxes, removing boards, etc.

Made from Disston Octagon Tool Steel. Drop forged.

Size	Width of Claw	Width of Chisel End	Weight per doz.
12x 1/2 inch	1 inch	3/8 inch	12 1/2 lbs.
24x 3/4 inch	1 1/2 inches	1 inch	42 lbs.
30x 3/4 inch	1 1/2 inches	1 inch	51 lbs.
36x 3/4 inch	1 1/2 inches	1 inch	53 lbs.

Packed in bundle or box according to quantity ordered.

No. 1 Level Glasses



Disston No. 1 Level Glasses are made in the proved style. These glasses are etched with two lines. They are slightly curved, so that when they are set, the liquid in the glass seeks its level and forms a bubble at the top-center of the glass.

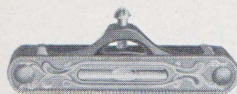
The glasses are sealed so the liquid cannot evaporate.

Size	Weight per gross.
1 inch	3 lbs.
1 1/4 inches	3 lbs.
1 1/2 inches	3 lbs.
1 3/4 inches	3 lbs.
2 inches	3 lbs.
2 1/4 inches	3 lbs.
2 1/2 inches	3 lbs.
3 inches	4 lbs.

Packed 1 dozen in box.



PLUMBS AND LEVELS



No. 2 Pocket Level

The Disston No. 2 Pocket Level is made of a light metal. Proved glass; top and side view. Can be attached to steel square.

Size	Weight per doz.
3½ x ¾ x ½ inches	2½ lbs.

Packed 1 dozen in box.

No. 5 Plumb and Level



The Disston No. 5 Plumb and Level is made of seasoned cherrywood, high finish; corrugated sides for sure grip. Brass top plate; side views. Proved glasses.

Length	Width	Thick-ness	Weight per doz.
12 inches	2½ inches	1¾ inches	11 lbs.
14 inches	2½ inches	1¾ inches	13 lbs.
16 inches	2½ inches	1¾ inches	14 lbs.
18 inches	2½ inches	1¾ inches	17 lbs.

Packed ½ dozen in carton.

No. 9 Plumb and Level



The Disston No. 9 Plumb and Level is made of seasoned cherrywood, high finish; corrugated both sides. Brass top plate; side views. Proved glasses.

Length	Width	Thick-ness	Weight per doz.
24 inches	3 inches	1¾ inches	24 lbs.
26 inches	3 inches	1¾ inches	27½ lbs.
28 inches	3 inches	1¾ inches	30 lbs.
30 inches	3 inches	1¾ inches	32½ lbs.

Packed ½ dozen in carton.

A-11 Featherweight Pocket Level



The Disston A-11 Featherweight Pocket Level is made from an all aluminum alloy, same material as used in airplane construction, light in weight, but strong. Will not rust or corrode. Tapers from center to both ends; the level glass and two plumb glasses are proved. One plumb glass set at 45 degree angle. Top plate polished, base and body natural finish.

Length	Width	Thick-ness	Weight each	Weight per doz.
9 inches	1¾ inches	¾ inch	2 ozs.	2 lbs. 10 ozs.

Packed ½ dozen in box.

No. 16 Plumb and Level (Adjustable)



The Disston No. 16 Plumb and Level is made of thoroughly seasoned cherrywood, high finish. Brass top plate; side views; solid brass ends; corrugated on both sides. Proved glasses. Both plumb and level adjustable.

Length	Width	Thick-ness	Weight per doz.
24 inches	3 inches	1¾ inches	30 lbs.
26 inches	3 inches	1¾ inches	33 lbs.
28 inches	3 inches	1¾ inches	36 lbs.
30 inches	3 inches	1¾ inches	39 lbs.

Packed ½ dozen in carton.

No. 155 Plumb and Level



The Disston No. 155 Plumb and Level is made of seasoned hardwood; blued steel top plate. Proved glasses.

Length	Width	Thick-ness	Weight per doz.
12 inches	1¾ inches	¾ inch	5 lbs.

Packed ½ dozen in box.

No. 200 Pocket Level



The Disston No. 200 Pocket Level has walnut stock, blued steel top plate; proved glass; top and side views.

Size	Weight per doz.
6 x 1 x ¾ inches	1¾ lbs.

Packed 1 dozen in box.

No. 255 Plumb and Level



The Disston No. 255 Plumb and Level has a walnut stock, smooth finish. Sides are grooved for sure grip. Top plate is blued steel. Both glasses are proved.

Length	Width	Thick-ness	Weight per doz.
10 inches	1¾ inches	1½ inch	7 lbs.

Packed ½ dozen in box.



CABINET AND WALL SCRAPERS

No. 10 Cabinet Scraper



The No. 10 Cabinet Scraper, branded Philad'a Saw Co., made of special steel, hardened and tempered, ground and polished, plain edges, for hand use. Average 20 gauge (.035) thick.

Size	Weight per doz.
2 x 4 inches	1 lb.
2½ x 5 inches	1½ lbs.
3 x 5 inches	2 lbs.

Packed 1 dozen in box.

No. 20 Cabinet Scraper



The Disston No. 20 Cabinet Scraper, plain edges, 20 gauge (.035) thick, made of Disston Steel, hardened and tempered; ground and polished; for use by hand or in scraper planes. Popular in manual training shops, home workshops, etc.

Size	Weight per doz.
2 x 4 inches	1 lb.
2 x 6 inches	1½ lbs.
2½ x 5 inches	1½ lbs.
2½ x 6 inches	2 lbs.
3 x 4 inches	1½ lbs.
3 x 5 inches	2 lbs.
3 x 6 inches	2½ lbs.
4 x 6 inches	3 lbs.

Packed 1 dozen in box.

No. 120 Acme Cabinet Scraper



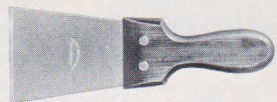
The Disston No. 120 Acme Cabinet Scraper is made of extra high tempered Disston Hand Saw Steel (averaging .038" thick) with dressed edges, ground and polished to a perfectly smooth surface. The finest and best scraper made. Used by hand, in holders and in scraper planes.

Size	Weight per doz.
2½ x 5 inches	1½ lbs.
2½ x 6 inches	2 lbs.
3 x 5 inches	2 lbs.
3 x 6 inches	2½ lbs.

Packed in individual envelopes 1 dozen in box.

Note:—The No. 10 Disston Hand Saw Jointer insures a perfectly square edge when refitting cabinet scrapers.

Nos. 1 and 6 Wall Scrapers



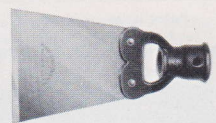
Disston Nos. 1 and 6 Wall Scrapers are favorites with paperhangers and painters.

Blades of Disston Steel, hardened, tempered, and polished; scraping edge of No. 1 has double bevel. No. 6 not beveled. Hardwood handle, weatherproof finish; 2 rivets.

Style	Scraping Edge	Length of Blade	Weight per doz.
No. 1	3½ inches	5 inches	5 lbs.
No. 1	4 inches	5 inches	5 lbs.
No. 6	3½ inches	5 inches	5 lbs.
No. 6	4 inches	5 inches	5 lbs.

Packed 1 dozen in box.

No. 4 Wall Scraper



The Disston No. 4 Wall Scraper has a malleable iron socket colored orange and black; 1-inch inside diameter, screw hole for fastening scraper to pole.

Disston Steel blade, hardened, tempered, and polished; beveled to knife edge. Blade is securely riveted to socket.

Scraping Edge	Length of Blade	Weight per doz.
3½ inches	4 inches	6 lbs.

Packed ¼ dozen in box.

No. 1 Cabinet Burnisher



The Disston No. 1 Cabinet Burnisher is made of highly polished Disston Steel. Lacquered hardwood handle; nickel-plated ferrule.

Size	Length of Blade	Weight per doz.
No. 1 Oval	4½ inches	1¼ lbs.

Packed ¼ dozen in box.

DISSTON

CROSS-CUT SAWS

ONE-MAN
TWO-MAN
HANDLES



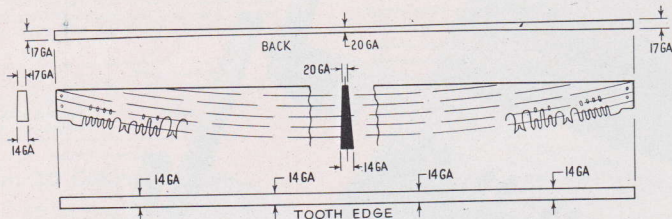
PRECISION-GROUND CROSS-CUT SAWS

PRECISION GRINDING An exclusive Disston process. Saws are ground perfectly true on both sides from toothed edge to back, in a curve parallel to the cutting edge, and from ends to center. Thus the toothed edge is of uniform thickness throughout and the back center of the blade is thinnest. This gives the saw a two way taper, resulting in a Disston Precision-ground Saw requiring less set—which means a narrow kerf and an easier and smoother cutting saw.

DISSTON ALLOY STEEL Hardened and tempered uniformly throughout to take a keen cutting edge and hold it.

LONG STRONG TEETH Correctly shaped for fast, easy cutting. Their greater depth provides for longer wear.

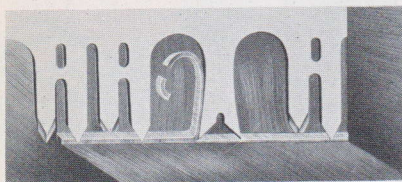
DEEP WIDE GULLETS Provide plenty of room to carry out the chips. This aids fast cutting, prevents binding and buckling.



Every Disston Precision-ground Cross-cut Saw is proved accurate before it leaves the factory. Your own gauging will convince you that these saws have the very highest standard of accuracy, which makes it easier for the filer to give an even and perfect set to all the cutting teeth. Every filer knows that perfect setting means more logs cut each day, with less effort.

The blades are perfectly straight and true. The art of smithing and blocking, a skill handed down from father to son in generations of distinguished saw making, is performed by Disston master saw makers.

Disston Precision-ground Cross-cut Saws are superior in every respect and are backed by an absolute guaranty.



PERFORATED LANCE CUTTERS AND RAKERS AT WORK

Perforated Lance Tooth Four Cutting Teeth To One Raker

This long-wearing tooth has never been equalled for fast cutting. The four cutting teeth will not dull as quickly as two, and are easy to file. The large, well-rounded gullets will not choke-up in any timber and are designed to drop the chips at each end of cut. This is the most popular style saw.

No. 495 Suwanee



Precision-ground, Perforated Lance

Wide Straight-back Pattern

The Disston No. 495 Suwanee Precision-ground Cross-cut Saw has deep, wide gullets, and long, strong perforated lance teeth for sawing large virgin timber.

Made from Disston Alloy Steel, Precision Ground. This pattern has been preferred for years by sawyers who like a wide saw for felling and bucking.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	6½ inches	3¼ inches	5	4½ lbs.
5½ feet	6½ inches	3¼ inches	6	5½ lbs.
6 feet	7½ inches	3¼ inches	6	6½ lbs.

Fitted ready for use. Packed in bundles or in boxes according to quantity ordered.

All Precision-ground Cross-cut Saws have tooth edge protected with wooden strip colored orange and black.



REG. U.S. PAT. OFF.

Henry Disston & Sons, INCORPORATED

PRECISION-GROUND CROSS-CUT SAWS

No. 470 Buzz



Precision-ground Perforated Lance

Medium Wide Straight-back Pattern

The Disston No. 470 Buzz Precision-ground Cross-cut Saw is made of Disston Alloy Steel, hardened and tempered to take a keen cutting edge and hold it.

This saw is especially suited for fast felling and bucking medium and large timber. The standard for many years with the professional logger.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	5 $\frac{1}{4}$ inches	3 $\frac{1}{4}$ inches	5	3 $\frac{3}{4}$ lbs.
5 $\frac{1}{2}$ feet	5 $\frac{1}{4}$ inches	3 $\frac{1}{4}$ inches	6	5 $\frac{1}{4}$ lbs.
6 feet	5 $\frac{1}{4}$ inches	3 $\frac{1}{4}$ inches	5	5 $\frac{3}{4}$ lbs.
6 $\frac{1}{2}$ feet	6 $\frac{1}{4}$ inches	3 $\frac{1}{4}$ inches	5	6 $\frac{1}{4}$ lbs.
7 feet	6 $\frac{1}{4}$ inches	3 $\frac{1}{4}$ inches	5	7 $\frac{1}{4}$ lbs.

No. 472 Henry



Precision-ground Perforated Lance

Medium Wide Sway-back Pattern

The Disston No. 472 Henry Precision-ground Cross-cut Saw is made of Disston Alloy Steel. High temper keeps cutting points sharp and retains the set longer.

This sway-back pattern is becoming popular with sawyers and will run with little set; will cut easier and more logs than any other saw. Used for felling and bucking.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	5 $\frac{1}{4}$ inches	3 $\frac{3}{4}$ inches	5	4 $\frac{1}{4}$ lbs.
5 $\frac{1}{2}$ feet	5 $\frac{1}{2}$ inches	3 $\frac{3}{4}$ inches	5	4 $\frac{3}{4}$ lbs.
6 feet	5 $\frac{3}{4}$ inches	3 $\frac{3}{4}$ inches	5	5 $\frac{1}{2}$ lbs.
6 $\frac{1}{2}$ feet	6 inches	3 $\frac{3}{4}$ inches	5	6 $\frac{1}{4}$ lbs.

No. 494 Beaver



Precision-ground Perforated Lance

Narrow Sway-back Pattern

The Disston No. 494 Beaver Precision-ground Cross-cut Saw is popular with pulpwood contractors for felling and bucking small timber. Made of Disston Alloy Steel.

Designed to fill an increasing demand for high grade narrow saws. Three gauges taper is sufficient clearance in this width blade; almost no set required for general sawing.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
4 $\frac{1}{2}$ feet	4 $\frac{1}{4}$ inches	3 $\frac{1}{4}$ inches	3	3 $\frac{1}{2}$ lbs.
5 feet	4 $\frac{1}{4}$ inches	3 $\frac{1}{4}$ inches	3	4 lbs.
5 $\frac{1}{2}$ feet	4 $\frac{1}{2}$ inches	3 $\frac{1}{4}$ inches	3	4 $\frac{1}{2}$ lbs.
6 feet	4 $\frac{1}{2}$ inches	3 $\frac{1}{4}$ inches	3	5 $\frac{1}{2}$ lbs.

Fitted ready for use. Packed in bundles or in boxes according to quantity ordered.

All Precision-ground Cross-cut Saws have tooth edge protected with wooden strip colored orange and black.



PRECISION-GROUND CROSS-CUT SAWS

Lance Tooth West Coast Saws

No. 7-11 Felling



Precision-ground Lance Tooth

Medium Wide Sway-back Pattern

The Disston No. 7-11 Felling Precision-ground Cross-cut Saw is a four cutter-to-one raker type especially adapted for western fir, spruce, hemlock, cedar and pine timber operations. Medium width blade, true curve on cutting edge. Strong teeth beveled so filers can fit them for any timber without waste of time or material.

Ground perfectly true by special process to 5 gauges thinner on back than on tooth edge; assures faster cutting with much less set required. Made of Disston Alloy Steel, strong, tough and of proper resiliency. High temper, the cutting points stay sharp and teeth retain set longer. Popular with expert west coast timber cutters.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5½ feet	5½ inches	3¾ inches	5	5½ lbs.
6 feet	5¾ inches	3¾ inches	5	6¼ lbs.
6½ feet	5¾ inches	3¾ inches	5	6¾ lbs.
7 feet	5¾ inches	3¾ inches	5	7¾ lbs.
7½ feet	5¾ inches	3¾ inches	5	8½ lbs.
8 feet	5¾ inches	3¾ inches	5	9¼ lbs.
10 feet	6 inches	3¾ inches	5	11½ lbs.

No. 7-11 Bucking



Precision-ground Lance Tooth

Wide Straight-back Pattern

The Disston No. 7-11 Bucking Precision-ground Cross-cut Saw is a companion saw to the 7-11 Felling; made in wider pattern with straight back for bucking fir, spruce, hemlock, cedar and pine of the west coast. Teeth beveled so filers can fit them for any timber.

Ground perfectly true by special process, 4 gauges thinner on back than on tooth edge for fast, smooth and easy sawing. Large raker gullets will not choke up even in the softest timber and are scientifically designed to drop the chips free at each end of the cut.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	6¼ inches	4¾ inches	4	6½ lbs.
6 feet	6¾ inches	4¾ inches	4	8½ lbs.
6½ feet	7 inches	4¾ inches	4	9¾ lbs.
7 feet	7¼ inches	4¾ inches	4	10½ lbs.

No. 712 Timber Chief



Precision-ground Lance Tooth

Medium Wide Sway-back Pattern

The Disston No. 712 Timber Chief Precision-ground Cross-cut Saw is a fast cutting saw especially developed for pine, fir, spruce and small timber in the western states. Made of Disston Alloy Steel, high temper, precision ground thinner on back than on cutting edge.

Design of teeth permits the elimination of perforations or bridges between teeth without loss of strength. Radius of cutting edge is designed for bucking and felling medium, large or small timber with natural, easy strokes. Large raker gullets will not choke up in softest timber.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5½ feet	5½ inches	3¾ inches	5	4½ lbs.
6 feet	5¾ inches	3¾ inches	4	5½ lbs.
6½ feet	6 inches	3¾ inches	4	6½ lbs.

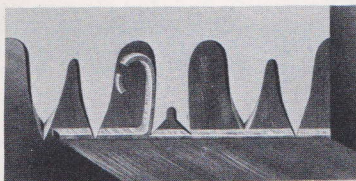
Fitted ready for use. Packed in bundles or in boxes according to quantity ordered.

All Precision-ground Cross-cut Saws have tooth edge protected with wooden strip colored orange and black.



REG. U.S. PAT. OFF.

PRECISION-GROUND CROSS-CUT SAWS



CHAMPION CUTTERS AND RAKERS AT WORK

Champion Tooth

Two Cutting Teeth To One Raker

This pattern is best suited for cutting extra hard or frozen timber. Sturdy cutting teeth and rakers, with extra strength at the base. Having a greater number of rakers in the cut, is a distinct advantage in fast cutting.

No. 289 Virginian



Precision-ground Champion Tooth

Wide Straight-back Pattern

The Disston No. 289 Virginian Precision-ground Cross-cut Saw is used for felling and bucking large and extra hard or frozen timber. Made from Disston Alloy Steel.

High temper holds a keen edge and the deep gullets eliminate choking or binding. Wide blade assures a straight cut. A popular saw with the professional hardwood logger.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	6½ inches	3¼ inches	5	4½ lbs.
5½ feet	6½ inches	3¼ inches	6	5¾ lbs.
6 feet	7 inches	3¼ inches	6	6½ lbs.

No. 270 Zip



Precision-ground Champion Tooth

Medium Wide Sway-back Pattern

The Disston No. 270 Zip Precision-ground Cross-cut Saw is made of Disston Alloy Steel. Designed for felling and bucking medium and large size hard timber.

Highly tempered to stay sharp longer in frozen timber and hardwood. Very little set is needed for fast and easy sawing.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	5¼ inches	3¾ inches	5	4½ lbs.
5½ feet	5½ inches	3¾ inches	5	4¾ lbs.
6 feet	5¾ inches	3¾ inches	5	5½ lbs.

Fitted ready for use. Packed in bundles or in boxes according to quantity ordered.

All Precision-ground Cross-cut Saws have tooth edge protected with wooden strip colored orange and black.

ESTABLISHED 1840

In 1918 Disston introduced the Sectional Interlock Inserted Tooth Milling Saw. In 1922, Disston was awarded the Franklin Institute Medal for this improvement.



TRU-CURVE TAPER GROUND CROSS-CUT SAWS

TRU-CURVE TAPER GRINDING, perfected by Disston, provides accurately ground cross-cut saws with uniform taper from tooth edge to back and from both ends toward center of back. Tooth edge is the same gauge throughout. Because of this method of grinding, Disston saws require less set and cut fast with less effort.

Made from fine quality Disston Steel, scientifically hardened and tempered to take a keen cutting edge and hold it. Long, strong teeth, with deep well-rounded gullets to prevent clogging in the cut. These saws are the most popular in the field.

Perforated Lance Tooth Four Cutting Teeth To One Raker

No. 115 Perforated Lance



Tapered 5 Gauges

The Disston No. 115 Perforated Lance Cross-cut Saw has Disston Steel Blade, ground by Disston "Tru-Curve" taper ground method. 5 gauges thinner on back.

Medium Wide Straight-back Pattern

Suited for felling and bucking of soft and hard medium size timber; this saw will stay sharp, cut easy and requires very little set.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	5½ inches	2¾ inches	5	5½ lbs.
5½ feet	5½ inches	3 inches	5	6¼ lbs.
6 feet	6 inches	3 inches	5	6¾ lbs.
6½ feet	6½ inches	3¼ inches	5	7¼ lbs.
7 feet	6½ inches	3½ inches	5	7½ lbs.

No. 475 Perforated Lance



Tapered 5 Gauges

The Disston No. 475 Perforated Lance Cross-cut Saw has Disston Steel Blade, ground by Disston "Tru-Curve" taper method, 5 gauges thinner on the back.

Medium Wide Sway-back Pattern

An excellent saw for felling and bucking medium size soft and hard timber. This saw will stay sharp and cut easy with very little set.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	5¼ inches	3½ inches	5	4 lbs.
5½ feet	5½ inches	3½ inches	5	5¼ lbs.
6 feet	5¾ inches	3½ inches	5	5½ lbs.

Fitted ready for use. Packed in bundles or in boxes according to quantity ordered.



Henry Disston & Sons, INCORPORATED

TRU-CURVE TAPER GROUND CROSS-CUT SAWS

No. 143 Perforated Lance



Tapered 3 Gauges

Medium Wide Sway-back Pattern

The Disston No. 143 Perforated Lance Cross-cut Saw has Disston Steel Blade, ground by Disston "Tru-Curve" taper method, 3 gauges thinner on back.

Especially designed for felling and bucking of small timber and popular with Pulpwood Contractors. A fast and easy running saw.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	4 $\frac{3}{4}$ inches	3 $\frac{3}{4}$ inches	3	4 lbs.
5 $\frac{1}{2}$ feet	4 $\frac{3}{4}$ inches	3 $\frac{3}{4}$ inches	3	4 $\frac{1}{4}$ lbs.
6 feet	4 $\frac{3}{4}$ inches	3 $\frac{3}{4}$ inches	3	5 lbs.

No. 214 Perforated Lance



Tapered 2 Gauges

Narrow Hollow-back Pattern

The Disston No. 214 Perforated Lance Cross-cut Saw is especially designed for small timber where a lightweight saw is required.

Blade of Disston Steel, ground by the Disston "Tru-Curve" taper method, 2 gauges thinner on back than on the tooth edge.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	3 $\frac{3}{4}$ inches	3 $\frac{1}{4}$ inches	2	3 $\frac{1}{2}$ lbs.
5 $\frac{1}{2}$ feet	3 $\frac{3}{4}$ inches	3 $\frac{1}{4}$ inches	2	4 lbs.
6 feet	3 $\frac{3}{4}$ inches	3 $\frac{1}{4}$ inches	2	4 $\frac{1}{4}$ lbs.

Champion Tooth

Two Cutting Teeth To One Raker

No. 152 Champion



Tapered 2 Gauges

Medium Wide Straight-back Pattern

The Disston No. 152 Champion Cross-cut Saw has Disston Steel Blade, Ground by the Disston "Tru-Curve" taper method, 2 gauges thinner on back than on tooth edge.

This saw is best suited for bucking and felling medium size soft and hard timber. A popular priced Disston quality cross-cut saw for general use.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	5 $\frac{1}{2}$ inches	3 $\frac{1}{4}$ inches	2	5 $\frac{1}{2}$ lbs.
5 $\frac{1}{2}$ feet	5 $\frac{1}{2}$ inches	3 $\frac{1}{4}$ inches	2	5 $\frac{3}{4}$ lbs.
6 feet	6 $\frac{1}{2}$ inches	3 $\frac{1}{4}$ inches	2	7 lbs.

Fitted ready for use. Packed in bundles or in boxes according to quantity ordered.



TRU-CURVE TAPER - GROUND CROSS - CUT SAWS

No. 155 Champion



Tapered 5 Gauges

Medium Wide Straight-back Pattern

The Disston No. 155 Champion Cross-cut Saw has a well tempered Disston Steel blade, ground by Disston "Tru-Curve" taper method. 5 gauges thinner on back.

A fast, smooth and easy cutting saw, suited for felling and bucking hard timber. Very little set is required. A good medium priced saw.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	5¾ inches	3¼ inches	5	5¼ lbs.
5½ feet	5¾ inches	3¼ inches	5	6¼ lbs.
6 feet	6¼ inches	3¼ inches	5	6¾ lbs.
7 feet	6¾ inches	3¼ inches	5	8½ lbs.

No. 254 Champion



Narrow Hollow-back Pattern

The Disston No. 254 Champion Cross-cut Saw has two cutting teeth to one raker. Blade of Disston Steel, hardened and tempered to stay sharp.

In demand mostly by users who need a saw for ordinary work; on farm for sawing fence posts, cordwood, and wherever a light pattern saw is needed.

Length	Width at center	Width at ends	Weight each
5 feet	3¼ inches	3¼ inches	3½ lbs.
5½ feet	3¼ inches	3¼ inches	4 lbs.
6 feet	3¼ inches	3¼ inches	4¼ lbs.

No. 162 Plain Tooth



Tapered 2 Gauges

Medium Wide Straight-back Pattern

The Disston No. 162 Cross-cut Saw has blade of Disston Steel, ground by Disston "True-Curve" taper method, 2 gauges thinner on back than tooth edge.

Used by railroads and for wharf and bridge building. It is especially suited for squaring and diagonal sawing of lumber in general construction work.

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	5¾ inches	3¼ inches	2	5¾ lbs.
5½ feet	5¾ inches	3¼ inches	2	6¾ lbs.
6 feet	6¼ inches	3¼ inches	2	7¾ lbs.
7 feet	6¾ inches	3¼ inches	2	10 lbs.

Fitted ready for use. Packed in bundles or in boxes according to quantity ordered.

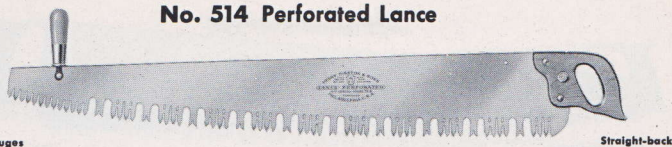


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Henry Disston & Sons, INCORPORATED

TRU-CURVE TAPER GROUND ONE-MAN CROSS-CUT SAWS

Supplementary handle should be ordered separately



Tapered 2 Gauges

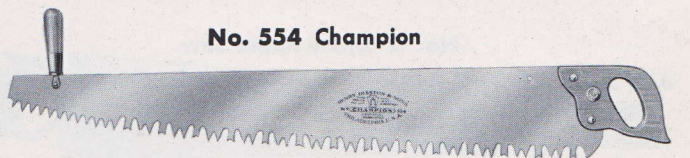
Straight-back

The Disston No. 514 Perforated Lance one-man saw is an excellent saw for heavy cutting. Blade of Disston Steel, full-width, curved breast with long, sharp teeth, four cutting teeth to each raker.

Designed for fast, smooth and easy sawing. Disston "Tru-Curve" taper ground, 2 gauges thinner on back. Seasoned hardwood handle, weatherproofed natural finish, 3 brass screws. Large hand hole for gloved hand.

Length	Width at butt	Width at point	No. Gauges Taper	Weight each
3 feet	6½ inches	2½ inches	2	3¼ lbs.
3½ feet	6¼ inches	2¼ inches	2	3¼ lbs.
4 feet	6½ inches	2½ inches	2	5¼ lbs.
4½ feet	6¼ inches	2½ inches	2	6¼ lbs.

Supplementary handle should be ordered separately



Tapered 2 Gauges

Straight-back

The Disston No. 554 Champion One-man Cross-cut Saw is a good all-around saw extensively used on farms and on construction jobs. Disston "Tru-Curve" taper ground, 2 gauges.

Blade of Disston Steel, full-width, curved breast; two cutting teeth to each raker. Hardwood handle, weatherproofed natural finish, 3 brass screws. Large hand hole.

Length	Width at butt	Width at point	No. Gauges Taper	Weight each
3 feet	6 inches	2½ inches	2	3¼ lbs.
3½ feet	6¼ inches	2¼ inches	2	3¼ lbs.
4 feet	6½ inches	2½ inches	2	5¼ lbs.
4½ feet	6¼ inches	2½ inches	2	6¼ lbs.

Supplementary handle should be ordered separately



Tapered 2 Gauges

Straight-back

The Disston No. 564 Plain Tooth One-man Cross-cut Saw is a good all purpose saw. It produces a smooth even cut diagonally or cross-cut. It is especially suited for sawing of seasoned wood in construction work.

Blade of Disston Steel, full width, curved breast with sharp and well spaced teeth. Disston "Tru-Curve" taper ground, 2 gauges. Hardwood handle, weatherproofed natural finish, 3 brass screws. Large hand hole for gloved hand.

Length	Width at butt	Width at point	No. Gauges Taper	Weight each
3 feet	6 inches	2½ inches	2	3¼ lbs.
3½ feet	6¼ inches	2¼ inches	2	4½ lbs.
4 feet	6½ inches	2½ inches	2	6 lbs.
4½ feet	6¼ inches	2½ inches	2	6½ lbs.

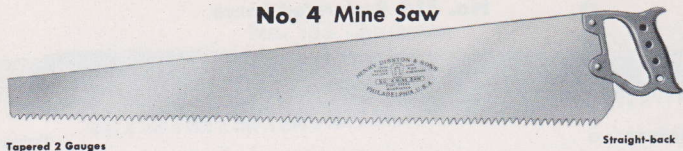
Fitted ready for use. Packed ¼ dozen in bundle.

During 1929 Disston perfected and introduced Disston Carboly-fitted Saws and Knives with cutting edges tipped with Carboly, the hardest alloy ever used for saws and knives.



ONE-MAN MINE SAWS

No. 4 Mine Saw



Tapered 2 Gauges

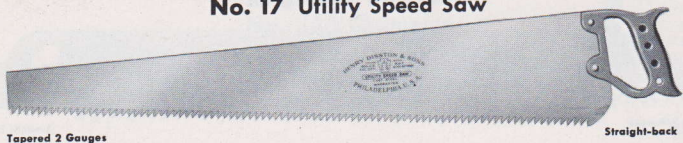
Straight-back

The Disston No. 4 Mine Saw is made especially for use in mines. Blade of Disston Steel, straight-back, taper ground from tooth edge to back.

Special plain teeth for fast cutting; recommended for general rough work. Malleable iron handle, with Parkerized finish, comfortable grip. Two stainless steel rivets.

Length	Width at butt	Width at point	No. Gauges Taper	Weight each
2½ feet	6½ inches	2½ inches	2	3 lbs.
3 feet	6½ inches	2½ inches	2	3¾ lbs.

No. 17 Utility Speed Saw



Tapered 2 Gauges

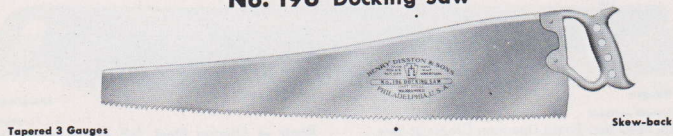
Straight-back

The Disston No. 17 Utility Speed Saw has specially designed fast cutting-teeth. For heavy lumber in mines, construction work, shipyards, docks, railroads.

Straight-back blade of Disston Steel, taper ground from tooth edge to back. Malleable iron handle, comfortable grip, with Parkerized finish. Two stainless steel rivets.

Length	Width at butt	Width at point	No. Gauges Taper	Weight each
2½ feet	6½ inches	2½ inches	2	3 lbs.
3 feet	6½ inches	2½ inches	2	3¾ lbs.

No. 196 Docking Saw



Tapered 3 Gauges

Skew-back

The Disston No. 196 Docking Saw is made for rough work in lumber and shipyards, car shops, on the farm, in the mines, and for railroads.

Blade of Disston Steel, taper ground; fleam teeth, 4½

points to the inch, filed with wide bevel and set. Skew-back and curved breast.

Malleable iron handle, aluminum finish to prevent rust, strong comfortable grip, secured with two rivets.

Length	Width at butt	Width at point	No. Gauges Taper	Weight each
30 inches	6½ inches	2½ inches	3	3 lbs.

Fitted ready for use. Packed ¼ dozen in box.

CONTINUED



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Henry Disston & Sons, INCORPORATED

ONE-MAN MINE SAWS

No. 513 Mine Saw



Tapered 2 Gauges

Straight-back

The Disston No. 513 Mine Saw is made especially for use in mines. Blade of Disston Steel, straight back, taper ground from tooth edge to back.

Cedar Savage Tooth, four cutting teeth to one raker. Malleable iron handle, comfortable grip, Parkerized finish, secured with two stainless steel rivets.

Length	Width at butt	Width at point	No. Gauges Taper	Weight each
3½ feet	6¼ inches	2¼ inches	2	3¾ lbs.
4 feet	6½ inches	2½ inches	2	5¼ lbs.

Packed 3 saws in bundle.

KEYSTONE ONE-MAN CROSS-CUT SAWS

Supplementary Handle should be ordered separately.



No. K-954 Champion

Straight-back

Length	Width at butt	Width at point	Weight each
3 feet	6 inches	2¼ inches	3½ lbs.
3½ feet	6¼ inches	2¼ inches	3¾ lbs.
4 feet	6½ inches	2½ inches	5½ lbs.
4½ feet	6¾ inches	2½ inches	6¾ lbs.

Supplementary Handle should be ordered separately.



No. K-964 Plain Tooth

Straight-back

Length	Width at butt	Width at point	Weight each
3 feet	6 inches	2¼ inches	3½ lbs.
3½ feet	6¼ inches	2¼ inches	4½ lbs.
4 feet	6½ inches	2½ inches	6 lbs.

Fitted ready for use. Packed ¼ dozen in bundle.

ESTABLISHED 1840

In the year 1930 Disston made the world's largest circular metal-cutting saw... 110 inches in diameter, 74 inserted teeth. The Midvale Company, Philadelphia, used it for cutting giant forgings.



KEYSTONE CROSS-CUT SAWS

A line of cross-cut saws at popular prices. The wide saws are ground by the Disston process for smooth-running and fast-cutting.

The Keystone line has the same long, strong teeth and

wide gullets as Disston Cross-cut Saws. They are sharpened by improved filing method. No operation has been overlooked to make Keystone Cross-cut Saws an outstanding value.

No. K-520 Champion



Tapered 2 Gauges

Medium Wide Straight-back Pattern

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	5½ inches	3¼ inches	2	5½ lbs.
5½ feet	5¼ inches	3¼ inches	2	5¼ lbs.
6 feet	6½ inches	3¼ inches	2	7 lbs.

No. K-620 Plain Tooth

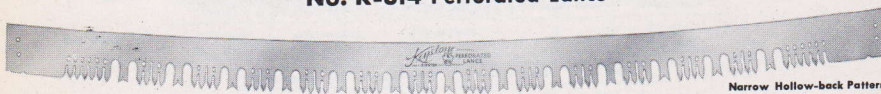


Tapered 2 Gauges

Medium Wide Straight-back Pattern

Length	Width at center	Width at ends	No. Gauges Taper	Weight each
5 feet	5½ inches	3¼ inches	2	5¾ lbs.
5½ feet	5¼ inches	3¼ inches	2	6¾ lbs.
6 feet	6½ inches	3¼ inches	2	7¾ lbs.

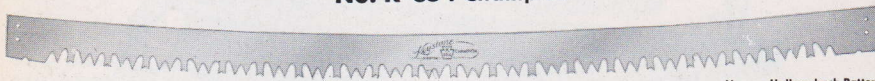
No. K-814 Perforated Lance



Narrow Hollow-back Pattern

Length	Width at center	Width at ends	Weight each
5 feet	3½ inches	3½ inches	3¼ lbs.
5½ feet	3½ inches	3½ inches	3½ lbs.
6 feet	3½ inches	3½ inches	4 lbs.

No. K-854 Champion



Narrow Hollow-back Pattern

Length	Width at center	Width at ends	Weight each
5 feet	3¼ inches	3¼ inches	3½ lbs.
5½ feet	3¼ inches	3¼ inches	4 lbs.
6 feet	3¼ inches	3¼ inches	4½ lbs.

Fitted ready for use. Packed in bundle or box according to quantity ordered.



Henry Disston & Sons, INCORPORATED

CROSS-CUT SAW HANDLES

No. 103

The Disston No. 103 Cross-cut Saw Handle is $13\frac{3}{8}$ inches long, $1\frac{3}{8}$ inches in diameter at thickest part; lacquered. Face plate and washer heavy cast iron, lacquered. Malleable iron bolt and forged steel wing nut.

Weight per pair $1\frac{1}{2}$ lbs.

Packed 10 pairs in carton.



No. 108 Loop

The Disston No. 108 is a loop type handle $8\frac{3}{8}$ inches long from top of handle to bottom of washer, $1\frac{5}{8}$ inches in diameter at thickest point. Malleable iron washer and ferrule, steel loop-rod and inside nut.

Weight per pair $1\frac{1}{4}$ lbs.

Packed 10 pairs in carton.



No. 119

The Disston No. 119 Handle is seasoned hickory, $13\frac{3}{4}$ inches long, $1\frac{3}{8}$ inches in diameter at the thickest part; lacquered. Extra heavy malleable iron face plate and washer, lacquered, malleable iron bolt and wing nut.

Weight per pair $1\frac{3}{4}$ lbs.

Packed 10 pairs in carton.



No. 123 Loop

The Disston No. 123 is a loop handle, hardwood, $8\frac{7}{8}$ inches from top of handle to bottom of ferrule, $1\frac{5}{8}$ inches in diameter at thickest part. Steel rod, ferrule and washer, cast iron.

Weight per pair $1\frac{1}{2}$ lbs.

Packed 10 pairs in carton.



No. 222 Loop

The Disston No. 222 is an extra heavy steel loop-rod handle, $7\frac{5}{8}$ inches long, exclusive of loop. Loop extends entirely through handle and engages extra heavy, malleable iron cap at opposite end. Malleable iron washer on ferrule prevents movement of saw in handle. The cap is made with a long neck, tapped to fit the threaded end of the loop. Capacity, $2\frac{3}{4}$ to $4\frac{1}{4}$ inches. Diameter, $1\frac{3}{8}$ inches. Ferrule and washer lacquered, handle clear lacquer finish.

Weight per pair $1\frac{1}{2}$ lbs.

Packed 10 pairs in carton.

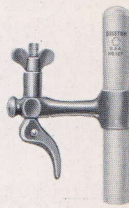


Sells Cross-cut Saw Handles

No. 126 Bucking

No. 127 Felling

The Sells No. 126 Bucking and No. 127 Felling Cross-cut Saw Handles are scientifically designed, strong and durable. The blade is held true in frame at 3 points; the lacquered hardwood grip is tapered—fits snugly in frame; bolt and guard are slotted at center to receive blade. Strong lacquered guard fully protects hand.



Pin for holding saw, case hardened to prevent wear, has protruding head and can be removed with fingers. Large wing nut and bolt with deep cut threads—no stripping; no wrenches required; knob notched to fit top of saw.

The Sells Felling Handle has double grip, $8\frac{3}{8}$ inches long, $1\frac{5}{8}$ inches in diameter at thickest part; malleable iron castings.

The Sells Bucking Handle has double grip, $12\frac{5}{8}$ inches long and $1\frac{3}{4}$ inches in diameter at thickest part; heavy malleable iron castings.

	Weight per doz.
No. 126 Bucking	19½ lbs.
No. 127 Felling	15¼ lbs.

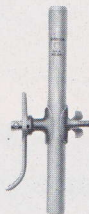
Packed 10 pairs in carton.

No. 128

The Disston No. 128 Cross-cut Saw Handle is made of selected hardwood, $13\frac{1}{8}$ inches long, $1\frac{3}{8}$ inches in diameter, lacquered. Extra heavy malleable iron casting and wing nut, heavy machine-made steel bolt with upset countersunk buttonhead rivet. Handle designed with lacquered guard, can be used in vertical or horizontal position.

Weight per pair $2\frac{1}{2}$ lbs.

Packed 10 pairs in carton.



No. 116

The Disston No. 116 is a plain hardwood handle, with smooth finish, $12\frac{3}{8}$ inches long and $1\frac{5}{8}$ inches in diameter at thickest part. Used with the No. 11 Tab shown below.

Weight per pair $\frac{3}{4}$ lb.

Packed according to quantity ordered.



No. 11 Tab

The Disston No. 11 Cross-cut Saw Handle Tab is strong and durable; 2 inches wide; $3\frac{3}{4}$ inches long. Punched for round holes.

Weight Tab and Rivets $\frac{1}{4}$ lb. per pair

Packed according to quantity ordered.



ONE-MAN CROSS-CUT SAW HANDLES

No. 118 Supplementary

The Disston No. 118 is a supplementary handle for use on one-man cross-cut saws.

Hardwood, $4\frac{3}{4}$ inches long, $1\frac{1}{16}$ inches in diameter at thickest part; strong steel ferrule and washer, slotted steel rod prevents slipping sideways, easy to assemble, rivet upset.



Weight per doz. 4 lbs.

Packed 1 dozen in box.

No. 218 One-man



The Disston No. 218 One-man Cross-cut Saw Handle, selected seasoned hardwood with weatherproofed natural finish. Bored for three screws, one a medallion. Large hand hole with comfortable grip.

Weight per doz. 7 lbs.

Packed $\frac{1}{2}$ dozen in box.

No. 418 One-man



The Disston No. 418 One-man Cross-cut Saw Handle. Seasoned wood, lacquered finish; bored for three screws.

Weight per doz. 7 lbs.

Packed $\frac{1}{2}$ dozen in box.

TURNING, SCROLL, OR CHAIR WEBS



Disston Turning Webs are made of Disston Steel, set and sharpened, ready for use. Following sizes are standard.

Length	Thickness	Width inches	Points to inch, Various Widths				
			$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
14 inches	21 gauge	$\frac{1}{4}$	9	.....	.....	.....	.....
16 inches	21 gauge	$\frac{1}{4}$	9	.....	.....	.....	.....
18 inches	21 gauge	$\frac{1}{4}$	9	.....	.....	.....	.....
20 inches	21 gauge	$\frac{1}{4}$	9	.....	.....	.....	.....
22 inches	21 gauge	$\frac{1}{4}$	9	.....	.....	.....	.....
24 inches	21 gauge	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{3}{4}$	9	7	6	5 $\frac{1}{2}$	5
26 inches	21 gauge	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{3}{4}$	9	7	6	5 $\frac{1}{2}$	5
28 inches	21 gauge	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{3}{4}$	9	7	6	5 $\frac{1}{2}$	5
30 inches	21 gauge	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{3}{4}$	9	7	6	5 $\frac{1}{2}$	5
32 inches	21 gauge	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{3}{4}$	9	7	6	5 $\frac{1}{2}$	5

Packed in bundle or box according to quantity ordered.



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Henry Disston & Sons, INCORPORATED

DISSTON

REFITTING TOOLS

JOINTERS
SAW CLAMPS
SAW SETS
SWAGES



SAW SETS, JOINTER, SAW CLAMPS

No. 34 Saw Set



The Disston No. 34 Saw Set is a strong, powerful tool with hardened steel plunger and anvil. Open top permits good view of work being done.

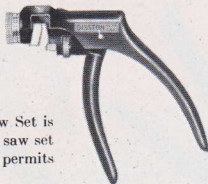
Body and handle made of strong malleable iron with attractive black and orange lacquer finish.

Easy, positive adjustments. For circular saws, one and two man cross-cut saws, pulpwood and buck saws; 11 gauge or thinner; 6 or less teeth to the inch.

Weight each	1½ lbs.
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Packed one in box.

No. 24 Saw Set



The Disston No. 24 Saw Set is a popular pistol grip type saw set with easy action. Open top permits good view of saw teeth.

Strong malleable iron body and handle, with black and orange lacquer finish. Plunger and anvil made of hardened steel.

Quickly adjustable for hand and panel saws, back saws, butcher saw blades, pulpwood blades, band saws and small circular saws; 18 gauge and thinner; 14 points or less to the inch.

Weight each	1 lb.
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Packed one in box; 30 in shipping carton.

No. K-32 Keystone Saw Set



The Keystone No. K-32 Saw Set is a good moderate priced tool with pistol grip. Open top for good view of work being done.

Malleable iron body and handle; yellow and black lacquer finish. Plunger and anvil made of hardened steel.

Graduated wheel adjusts the anvil for 5 to 11 point saws. For hand and panel saws having 11 points or less to the inch.

Weight each	1 lb.
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Packed one in box; 30 in shipping carton.

No. 10 Hand Saw Jointer

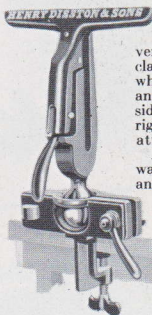


The Disston No. 10 Hand Saw Jointer is a special tool for dressing teeth to uniform height before sharpening a saw. Made of malleable iron. Black lacquer finish. Fitted with a file of the correct cut to joint a saw. The file can be replaced readily.

Size	Weight per doz.
2½ x 5 inches	10½ lbs.

Packed ¼ dozen in cardboard box.

No. 1 Saw Filing Clamp



The Disston No. 1 Ball and Socket Saw Clamp is one of the most convenient and easily operated hand saw filing clamps made. It has a B. & S. adjustment, which permits the clamp to be placed at any angle, backward, forward or to either side. A turn of the lever holds the clamp rigidly in place. A thumb screw device attaches clamp to bench.

A malleable iron lever, pressed down ward, causes the jaws to grip the saw blade and hold it firmly in position until filing job is completed. The reverse movement of lever opens the jaws. The entire clamp is black lacquer finish.

Length of Jaw inches	Weight each
9	8½ lbs.

Packed 1 in carton.

No. 2 Saw Filing Clamp



The Disston No. 2 Improved Saw Clamp can be moved forward and backward to any angle desired by the user and clamped in position by a thumb screw adjustment. The side ratchet arrangement at the joint prevents slipping.

Malleable iron lever constructed so that when pressing it downward the clamp grips the saw blade firmly; the reverse movement releases it. Attached to a bench with thumb screw. The entire clamp is black lacquer finish.

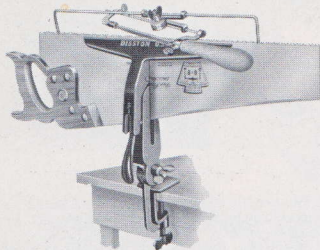
Length of Jaw inches	Weight each
9½	6 lbs.

Packed 1 in carton.



SAW FILING GUIDES AND CLAMPS

D-2 Saw Filing Guide and Clamp



The Disston D-2 Saw Filing Guide and Clamp is designed to make hand saw filing easy. A handy, efficient tool.

Clamp is readily adjusted; black lacquer finish. Eccentric lever opens and closes the jaws; thumb screw secures clamp to bench.

Guide frame is made of heavy steel wire; swivel attachment of iron, black lacquer finish.

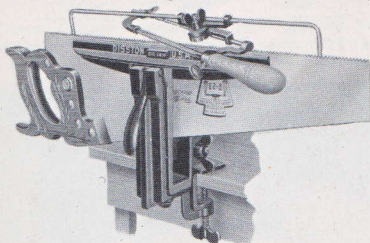
File handle, hardwood, turned, comfortable grip.

Disston 5½-inch Slim Taper File supplied with D-2 Filing Guide and Clamp.

Length of Jaw inches	Length of Guide Frame inches	Weight each lbs.
9½	14½	8¾

Packed 1 in carton.

D-3 Saw Filing Guide and Clamp



The Disston D-3 Saw Filing Guide and Clamp is the most efficient tool made for filing hand saws.

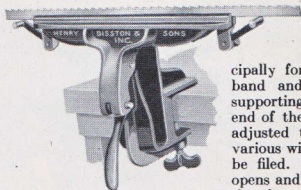
Clamp is strong and durable; black lacquer finish; readily adjusted. Eccentric lever opens and closes jaws; thumb screw attaches clamp to bench.

Guide frame is made of heavy steel wire; swivel attachment of iron, black lacquer finish. File handle, made of hardwood, is turned for a comfortable grip. 5½-inch Disston Slim Taper File supplied with the D-3 Filing Guide and Clamp.

Length of Jaw inches	Length of Guide Frame inches	Weight each lbs.
12½	16	19

Packed 1 in wood box.

No. 4 Saw Clamp



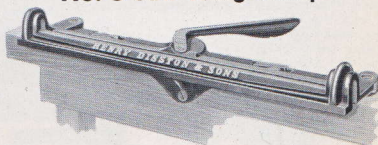
The Disston No. 4 Saw Clamp

is used principally for filing narrow band and web saws. A supporting arm at each end of the clamp may be adjusted to support the various widths of saws to be filed. Eccentric lever opens and closes the jaw; thumb screw secures clamp to bench. Black lacquer finish.

Length of Jaw inches	Weight each lbs.
12¾	9½

Packed 1 in box.

No. 5 Saw Filing Clamp



The Disston No. 5 Saw Clamp for filing hand saws. A three-point pressure device gives an even, firm grip on the saw blade the full length of the jaw.

Clamp is black lacquer finish, shaped to screw on edge of bench.

Filing Length of Jaw inches	Over-all Length inches	Weight each lbs.
13	14¾	4

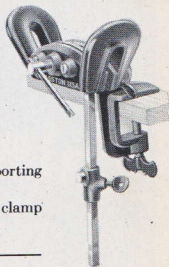
Packed 1 in box.

No. 7 Circular Saw Filing Clamp

The Disston No. 7 Circular Saw Filing Clamp for filing small circular saws, 5 inches to 18 inches in diameter.

Frame made of cast iron; black lacquer finish; plate which clamps sides of saw is hardened steel. Attached to the clamp is a steel rod 8½ inches long, upon which slides a bracket, adjustable for supporting saws of various diameters.

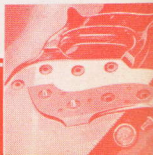
Thumb screw attachment fastens clamp to bench.



Weight each 7 lbs.

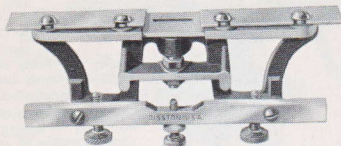
Packed 1 in carton.

In the year 1935 Disston developed the D-95 MASTERPIECE, a hand saw with new type handle, made of toughest, strongest molded material ever developed. Will not chip, shrink or swell.



SAW TOOLS AND SETTING ANVIL

No. 10 Imperial Saw Tool



The Disston No. 10 Imperial Saw Tool is used for refitting cross-cut saws. This tool includes a jointer, raker tooth gauge, setting block, set gauge and combination wrench and screw driver.

Cast iron frame is strong and unusually light in weight.

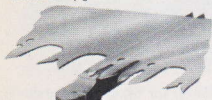
The slotted raker plate of high grade steel, is made to fit over the rakers of cross-cut saw without coming in contact with the cutting teeth. File is held in position by two knurled-head screws.

The raker gauge can be readily adjusted and locked in position. The set gauge is made of cast iron, 3 $\frac{3}{8}$ inches long, 2 inches at widest point. Setting block is malleable iron, with chilled anvil head provided with a slot for spring setting teeth, length over-all, 7 $\frac{1}{4}$ inches, $\frac{3}{4}$ -inch square; head is 1 $\frac{3}{8}$ inches in diameter, weight $\frac{3}{4}$ lb.

Full instructions for using with each tool.



Set Gauge



Setting Block



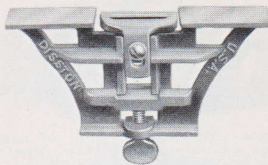
Combination Wrench and Screw Driver

No. 10 Imperial Saw Tool Complete

Weight per doz. 18 lbs.

Packed 1 in box.

No. 20 Universal Cross-cut Saw Tool



The Disston No. 20 Universal Saw Tool includes a jointer, raker tooth gauge, setting block or anvil, set gauge and side dresser.

The saw tool is made of cast iron, 4 $\frac{1}{8}$ inches long, 2 $\frac{1}{4}$ inches high; plates are $\frac{3}{4}$ -inch wide.

Full instructions for using with each tool.

Weight per doz. 15 lbs.

Packed 1 in box.

Setting Anvil



The Disston Setting Anvil is designed for setting cross-cut saws. Anvil made of Disston Steel, octagon-shaped. Faces are hardened and accurately ground. Each end of anvil has two beveled faces, giving four different degrees of set. Lacquered to prevent rust.

Length inches	Diameter inches	Weight each
4 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$ lbs.

Packed $\frac{1}{2}$ dozen in box.



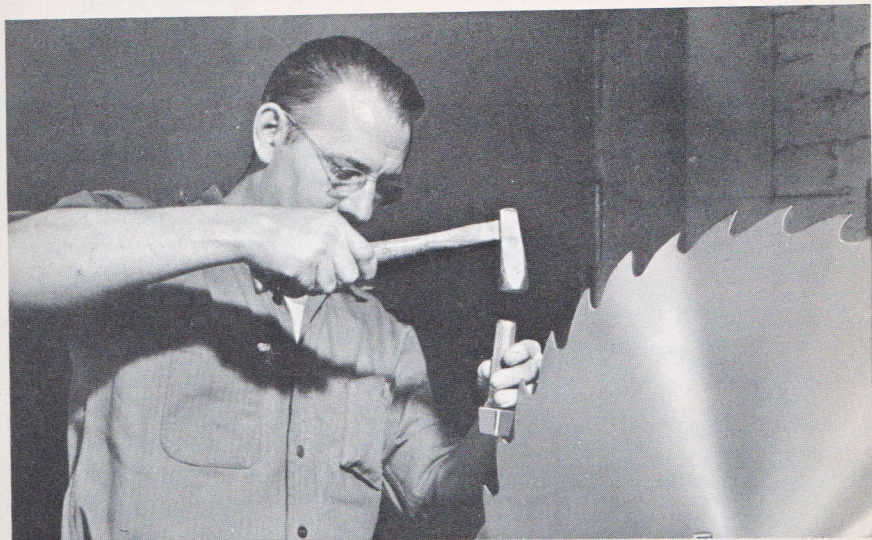
Filing the cutting teeth on a Disston Precision Ground Cross-cut Saw.



REG. U.S. PAT. OFF.

Henry Disston & Sons, INCORPORATED

SWAGES



Swaging a large circular saw with a Disston Conqueror Swage.

Swages

Disston Conqueror Swages for circular saws and band saws are the same as used in the Disston factory. Two jaws are cut in the head of the swage, one jaw having convex faces and the other having flat faces. Bottom of each jaw is slotted. A band, made of high grade tool steel (blue finish,) is shrunken on the head of the swage to reinforce it and facilitate the work. Sides and jaws of swage are bright finished; wedge-shaped shank gives comfortable grip.

No. 0 Conqueror Swage



For circular saws 5 to 9 gauge. Projecting tongue acts as a guide in obtaining proper angle. Mostly used by inserted tooth saw mill operators.

No. 1 Conqueror Swage



For large circular saws 6 to 9 gauge. Used by inserted tooth saw mill operators who prefer swage without tongue.

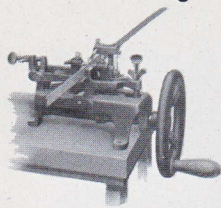
In the illustration of the No. 1 Swage, part of the band has been removed to show inside construction and to illustrate process of swaging. "H" shows shape of tooth after using convex die. "G" shows finished edge of tooth after using straight die.

No.	Length inches	Used on	Weight ounces
0	6	Circular saws, 5 to 9 gauge	23
1	5	Circular saws, 6 to 9 gauge	19
2	3 $\frac{3}{4}$	Small circular and mill saws, not heavier than 10 gauge	8
3	2 $\frac{1}{2}$	Small circular and band resaws, not heavier than 15 gauge	3



TOOLS FOR REFITTING SAWS

Narrow Band Saw Setting Machine



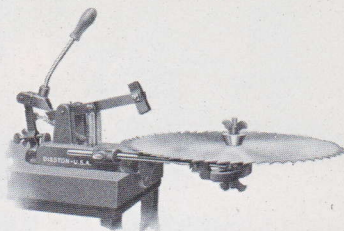
The Disston Narrow Band Saw Setting Machine is simple, practical and durable. Will set saws $\frac{1}{8}$ -inch to $1\frac{1}{2}$ inches wide, with teeth $\frac{1}{16}$ -inch to $\frac{3}{8}$ -inch space, setting points of teeth uniformly.

Machine should run 100 revolutions per minute, enabling operator to set a saw in a few minutes.

	Weight ea.
With Hand Wheel	26 lbs.
With Pulley	26 lbs.
With Hand Wheel and Pulley	30 lbs.

Packed 1 in box.

Circular Saw Setting Machine



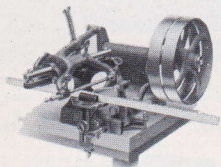
Disston Circular Saw Setting Machine is strongly built and easily adjusted for any thickness saw from 5 inches to 24 inches in diameter.

This machine makes a uniform set. Can be adjusted for heavy, medium or light set.

Weight each, 41 lbs.

Packed 1 in wood box.

Narrow Band Saw Filing Machine



The Disston Narrow Band Saw Filing Machine is substantially built and simple to operate. After once being started operation is continuous. Will take saws $\frac{1}{8}$ -inch to $1\frac{1}{2}$ inches wide, with teeth $\frac{1}{16}$ -inch to $\frac{3}{8}$ -inch space. Will file old saws with uneven teeth to uniform shape and height. Machine fastens to bench with screws.

Supplied with tight and loose pulley.

	Weight ea.
Belt Driven	65 lbs.
With Motor	105 lbs.

Packed 1 in box.

Silver Solder

Disston Brand Silver Solder is especially adapted to brazing tempered steel and is indispensable in making a successful hand saw braze.

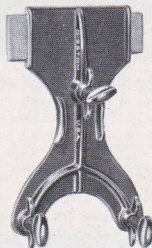
Disston Brand Silver Solder is furnished $\frac{1}{2}$ -inch, $\frac{3}{8}$ -inch, $\frac{1}{4}$ -inch, $\frac{3}{16}$ -inch and 1-inch wide—all .003 thick. It is put up in coils of 1 ounce in metal boxes.

Gross weight, 2 oz.

Packed according to quantity ordered.



Side Files for Circular Saws



The Disston Side File consists of a malleable iron frame and a file. This tool will side dress teeth to cut uniform kerf. The frame is adjustable by a set screw to any width desired. Lock nuts secure the set screws in desired position.

No. 1—Large size, for saws 40 inches in diameter and larger. Weight, $2\frac{1}{2}$ lbs.

No. 3—Small size, for saws 24 inches in diameter and smaller. Weight, $1\frac{1}{4}$ lbs.

Packed 1 in cardboard box.

Adjustable Setting Stake for Circular Saws



The Disston Adjustable Setting Stake. Used for setting Circular Saws. Cone "A" is moved in or out to suit diameter of the saw and raised or lowered, as may be required. The movable anvil "B" is made of hardened steel, some portions beveled more than others to permit various amounts of set.

Size of Stake	Weight lbs.
No. 1 Small Size (for saws 6 to 30 ins.)	22
No. 2 Large Size (for saws up to 56 ins.)	32

Packed 1 in box.



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DISSTON

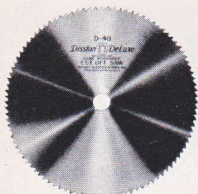
SAWS AND TOOLS

FOR THE MOTORIZED
WORKSHOP

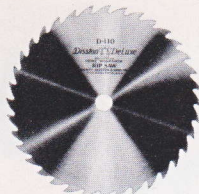


HOME WORKSHOP CIRCULAR SAWS

Disston De Luxe Line



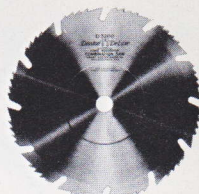
D-40



D-110



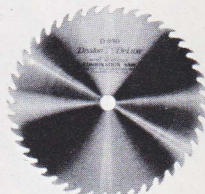
D-320



D-3200

The Disston De Luxe line of circular saws for the motorized home workshop consists of a cut-off (D-40), a rip (D-110) and three types of combination: Two flat ground (D-320 and D-850) and a hollow ground (D-3200).

They are made of Disston Steel with the same care and skill as the Disston circular saws used by leading lumber mills and woodworking plants. All have a high finish, keen teeth and are accurately fitted.



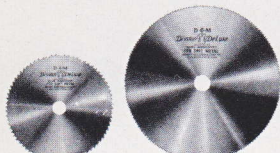
D-850

Diameter inches	Number and Type	Gauge	Center Hole inches	Approximate Weight each in Container
6	D-40 Cut-off	18	1/2	1 lb.
	D-110 Rip	18	1/2	1 lb.
	D-320 Combination	18	1/2	1 lb.
	D-850 Combination	18	1/2	1 lb.
	D-3200 H. G. Combination ..	16/19/16	1/2	1 lb.
7	D-40 Cut-off	18	1/2	1 1/4 lbs.
	D-110 Rip	18	1/2	1 1/4 lbs.
	D-320 Combination	18	1/2	1 1/4 lbs.
	D-850 Combination	18	1/2	1 1/4 lbs.
	D-3200 H. G. Combination ..	16/19/16	1/2	1 1/4 lbs.
8	D-40 Cut-off	18	1/2, 3/8, 3/4	1 1/2 lbs.
	D-110 Rip	18	1/2, 3/8, 3/4	1 1/2 lbs.
	D-320 Combination	18	1/2, 3/8, 3/4	1 1/2 lbs.
	D-850 Combination	18	1/2, 3/8, 3/4	1 1/2 lbs.
	D-3200 H. G. Combination ..	14/17/14	1/2, 3/8, 3/4	1 1/2 lbs.
10	D-40 Cut-off	16	3/8, 3/4	1 3/4 lbs.
	D-110 Rip	16	3/8, 3/4	1 3/4 lbs.
	D-320 Combination	16	3/8, 3/4	1 3/4 lbs.
	D-850 Combination	16	3/8, 3/4	1 3/4 lbs.
	D-3200 H. G. Combination ..	14/17/14	3/8, 3/4	1 3/4 lbs.

Packed in individual container.

D-4-M, D-6-M Circular Saws (for metal)

The Disston De Luxe D-4-M and D-6-M Circular Saws are made of special steel in 4- and 6-inch diameters. They are used for sawing brass, bronze, copper and soft metal alloys.



D-4-M



D-6-M

Number	Diameter	Center Holes inches	Thickness inches	Weight each
D-4-M	4 inches	1/2	1/4	4 ozs.
D-6-M	6 inches	1/2, 3/8	3/4	5 ozs.

Packed in individual container.



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Henry Disston & Sons, INCORPORATED

HOME WORKSHOP DADO HEADS

Disston De Luxe Line



D-16 Dado

The D-16 Disston De Luxe Dado is made for home workshop and small industrial machines. The D-16 produces smooth, square-bottom grooves; cuts with, across or diagonally to the grain. Cuts grooves $\frac{1}{8}$ -inch to $\frac{13}{16}$ -inch by sixteenths above $\frac{1}{4}$ -inch (thickness of two outside cutters). Made of special steel, carefully finished and accurately fitted.

Outside cutters have 8 sections of cutting teeth and 4 raker teeth. The 8 sections of cutting teeth are ground alternately to left and to right to divide the cut.

Inside cutters, $\frac{1}{2}$ -inch and $\frac{3}{4}$ -inch, are swage set for clearance.

Set consists of 2 outside cutters, $\frac{1}{8}$ -inch thick and 4 inside cutters, one $\frac{1}{16}$ -inch, two $\frac{1}{8}$ -inch and one $\frac{1}{4}$ -inch.

Complete Set

Diameter	Center Hole inches	Kerf Complete set inches	Weight per set
6 inches	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	$\frac{1}{16}$	3 lbs.

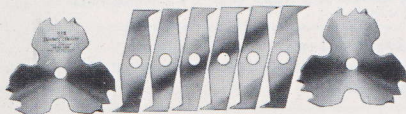
Packed 1 set (2 outside cutters, 4 inside cutters) in cardboard box.

Single Cutters

	Diameter	Center Hole inches	Kerf inches
Outside	6 inches	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	$\frac{1}{16}$
Inside	6 inches	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	$\frac{1}{16}$
Inside	6 inches	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	$\frac{1}{8}$
Inside	6 inches	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	$\frac{1}{4}$

Packed in quantities as ordered.

D-15 Dado



The D-15 Disston De Luxe Dado is a smooth-running cutter of special design for home workshop service. Made of special steel. Supplied in sets of two $\frac{3}{16}$ -inch outside cutters and six $\frac{1}{16}$ -inch inside cutters. Cuts grooves $\frac{3}{16}$ -inch to $\frac{5}{8}$ -inch by sixteenths above $\frac{3}{16}$ -inch (thickness of two outside cutters).

Complete Set

Diameter	Center Hole inches	Kerf Outside inches	Kerf Inside inches	Weight per set
5 $\frac{1}{2}$ inches	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	$\frac{3}{16}$	$\frac{1}{16}$	1 $\frac{1}{2}$ lbs.

Packed 1 set (2 outside, 6 inside cutters) in cardboard box.

Single Cutters

Diameter	Center Hole inches	
5 $\frac{1}{2}$ inches	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	Outside Cutter
5 $\frac{1}{2}$ inches	$\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$	Inside Cutter

Packed singly in envelope.

D-14 Dado



The D-14 Disston De Luxe Dado is specially designed for use on home workshop machines and made of special steel. Supplied in sets consisting of two $\frac{1}{16}$ -inch outside cutters and six $\frac{1}{16}$ -inch inside cutters. Cuts grooves $\frac{1}{16}$ -inch to $\frac{3}{16}$ -inch by sixteenths.

The D-14 is a good, popular-priced dado for the home workshop machine use.

Complete Set

Diameter	Center Hole inches	Kerf Outside inches	Kerf Inside inches	Weight per set
4 inches	$\frac{1}{2}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{3}{4}$ lb.

Packed 1 set (2 outside, 6 inside cutters) in cardboard box.

Single Cutters

Diameter	Center Hole inches	
4 inches	$\frac{1}{2}$	Outside Cutter
4 inches	$\frac{1}{2}$	Inside Cutter

Packed singly in envelope.

HOME WORKSHOP BAND SAWS



Disston De Luxe Hard Edge Band Saws for Metal

Disston De Luxe Hard Edge Band Saws are for use on standard home workshop machines listed below: They are

used for cutting soft metal, brake lining, fibre, etc. They are made of Disston Steel. Joined and ready for use.

Number	Lengths	Widths inches	Make of Machine
D-48X	4' 8"	¼	Herbert (No. 309 Wood Wizard)
D-50X	5'	¼	American Machine Tool No. 11 (9"); Duro No. 3025 (9½"); Montgomery Ward & Co. (9½"); Esco (9"); Tool Craft Corp. (9½")
D-56X	5' 6"	¼	Delta No. 785 (10"); Walker-Turner (Driver) BN 560-10"
D-62X	6' 2"	¼	Delta No. 768 (10"); B. E. Jarvis
D-65X	6' 5½"	¼	Blue Star No. 12 (12"); Boice-Crane (12"); Champion (12"); Delta (12"); Duro C-3020 (12"); Ephrata (12"); Henry Power Co. (12"); Heston & Anderson No. 11 (12"); Hutchinson Mfg. (12"); Jones (Superior 12"); Montgomery Ward & Co. (12"); Outboard Motor (Shop King); Parkes Woodworking; Portable Power (Power King); S. & B.; Walker-Turner BN 730 (Driver 12"); Prior to 1935
D-66X	6' 6½"	¼	Walker-Turner BN 730 (Driver 12"); Since 1935
D-67X	6' 7"	¼	Herbert (Wood Wizard 5312 H312 12")
D-69X	6' 9"	¼	American Saw Mill Machinery (12"); Little Giant A12
D-72X	7' 2"	¼	Heston & Anderson No. 1 (14"); Northfield Woodworking Co. (14")
D-76X	7' 6"	¼	Boice-Crane No. 800 (14"); Heston & Anderson No. 50 (14"); Parkes Woodworking Co. (14"); S. & B. (12"); J. D. Wallace Machine Co. (14")
D-79X	7' 9½"	¼	Delta No. 890 (14"); Yates American W-14 (14"); Tannenwitz (14")
D-80X	8' 0½"	¼	Walker-Turner BN 905 (Driver 14")
D-85X	8' 5"	¼	Ermac Co. (Cerny); Heston & Anderson No. 14 (14"); B. E. Jarvis; Yates American W-16 (16")
D-89X	8' 9"	¼, ⅜, ½	Delta (14"); (Height Adjustment); Livingston Mfg. Co.; J. D. Wallace (16")
D-93X	9' 3"	¼, ⅜, ½	Duro (16"); Jones (Superior) No. 15 (15"); Montgomery Ward & Co.; Yates American (16")
D-96X	9' 6¼"	¼, ⅜, ½	Sears, Roebuck & Co. (16"); Walker-Turner BN 1105 (Driver) (16"); Parkes Woodworking (16")

Packed in individual container. Give number, length and width when ordering.



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Henry Disston & Sons, INCORPORATED

HOME WORKSHOP BAND SAWS



Disston De Luxe Band Saws for Wood

Disston De Luxe Band Saws for Wood are made for standard home workshop machines. They are made of Disston Steel and are toothed 7 points to the inch in the

$\frac{3}{8}$ -inch and $\frac{1}{4}$ -inch widths. The $\frac{3}{8}$ -inch and $\frac{1}{2}$ -inch widths are toothed 6 points to the inch. Supplied set, sharpened, and joined ready for use on the machines listed below.

Number	Lengths	Widths inches	Make of Machine
D-48	4' 8''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$	Herbert (No. 309 Wood Wizard)
D-50	5'	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$	American Machine Tool No. 11 (9''); Duro No. 3025 (9½''); Montgomery Ward & Co. (9½'') Esco (9''); Tool Craft Corp. (9½'')
D-52	5' 2½''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$	Sears, Roebuck & Co. (10'')
D-56	5' 6''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$	Delta No. 785 (10''); Walker-Turner (Driver) BN 560-10''
D-62	6' 2''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$	Delta No. 768 (10''); B. E. Jarvis
D-65	6' 5½''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$	Blue Star No. 12 (12''); Boice-Crane (12''); Champion (12''); Delta (12''); Duro C-3020 (12''); Ephrata (12''); Henry Power Co. (12''); Heston & Anderson No. 11 (12''); Hutchinson Mfg. Co. (12''); Jones (Superior 12''); Montgomery Ward & Co. (12''); Outboard Motor (Shop King); Parkes Woodworking; Portable Power (Power King); S. & B.; Walker-Turner BN 730 (Driver 12''); Prior to 1935
D-66	6' 6¾''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$	Walker-Turner BN 730 (Driver 12''); Since 1935
D-67	6' 7''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$	Herbert (Wood Wizard 5312 H312 12'')
D-69	6' 9''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$	American Saw Mill Machinery (12''); Little Giant A12
D-72	7' 2''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$	Heston & Anderson No. 1 (14''); Northfield Woodworking Co. (14'')
D-76	7' 6''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$	Boice-Crane No. 800 (14''); Heston & Anderson No. 50 (14''); Parkes Woodworking Co. (14''); S. & B. (12''); J. D. Wallace Machine Co. (14'')
D-79	7' 9½''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$	Delta No. 890 (14''); Yates American W-14 (14''); Tannewitz (14'')
D-80	8' 0½''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$	Walker-Turner BN 905 (Driver 14'')
D-85	8' 5''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$	Ermac Co. (Cerny); Heston & Anderson No. 14 (14''); B. E. Jarvis; Yates American W-16 (16'')
D-89	8' 9''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$	Delta (14'') (Height Adjustment); Livingston Mfg. Co.; J. D. Wallace (16'')
D-93	9' 3''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$	Duro (16''); Jones (Superior) No. 15 (15''); Montgomery Ward & Co.; Yates American (16'')
D-96	9' 6¾''	$\frac{3}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$	Sears, Roebuck & Co. (16''); Walker-Turner BN 1135 (Driver) (16''); Parkes Woodworking (16'')

Packed in individual container. Give number, length and width when ordering.



WOOD TURNING CHISELS

No. D-1-S Disston Wood Turning Chisels



The D-1-S Disston Wood Turning Chisel Set consists of 8 chisels. These chisels are made of high carbon steel, properly hardened to take the keenest cutting edge and hold it under severe turning work.

Blades are polished and ground with correct bevels ready for use.

Forged tangs are carefully fitted into hardwood handles so blades are held securely. Each blade stamped with the name DISSTON, a Keystone and U. S. A.

Handles, 10 inches long, are made of hardwood and have a clear, lacquer finish. Each handle stamped DISSTON—U.S.A. with Keystone. Strong, rounded top, nickel-plated, steel ferrules.

The finest set of chisels ever offered
the professional or home craftsworker

Pattern	Length of Blades	Over-all Length
1 inch Skew	6¾ inches	16¼ inches
½ inch Skew	6¾ inches	16¼ inches
¾ inch Gouge	6¾ inches	16¼ inches
½ inch Gouge	6¾ inches	16¼ inches
¼ inch Gouge	6¾ inches	16¼ inches
½ inch Round Nose	6¾ inches	16¼ inches
½ inch Spear Point	6¾ inches	16¼ inches
½ inch Parting Tool	6¾ inches	16¼ inches

Packed 1 set in attractive display box
Weight per set, 5½ lbs.



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Henry Disston & Sons, INCORPORATED

DO-100 (ONE-MAN SAW)

DISSTON

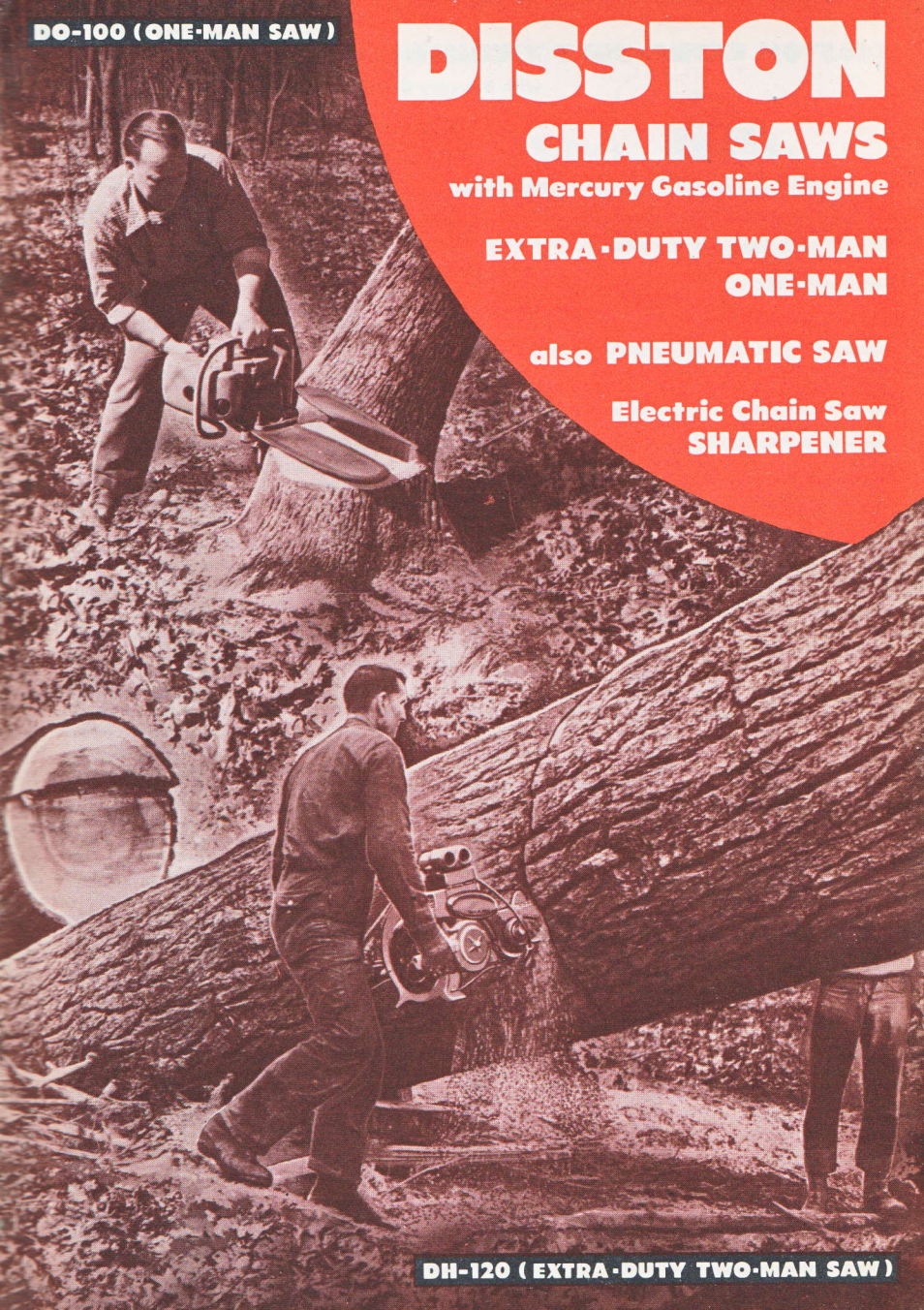
CHAIN SAWS

with Mercury Gasoline Engine

**EXTRA-DUTY TWO-MAN
ONE-MAN**

also PNEUMATIC SAW

**Electric Chain Saw
SHARPENER**

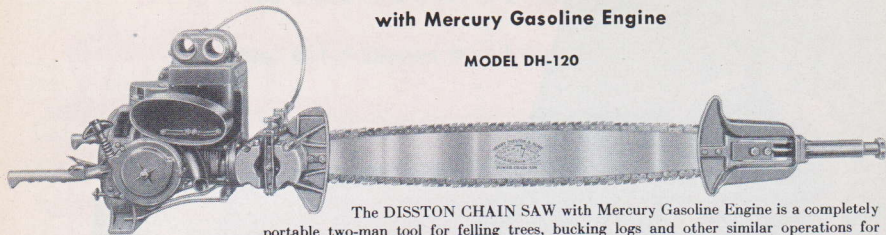


DH-120 (EXTRA-DUTY TWO-MAN SAW)

DISSTON EXTRA-DUTY TWO-MAN CHAIN SAW—12 H. P.

with Mercury Gasoline Engine

MODEL DH-120



The DISSTON CHAIN SAW with Mercury Gasoline Engine is a completely portable two-man tool for felling trees, bucking logs and other similar operations for which two-man cross-cut saws are used. Only standard woods tools such as hardwood wedges, axe, peavey or cant hook are required as auxiliary equipment. Interchangeable Guide Rails and Chains may be purchased with cutting capacities of from 2' to 7'.

THE ENGINE: A two-cylinder, two-cycle, alternate-firing, air-cooled Mercury gasoline engine furnishes 12 horsepower. Cooling air is supplied by fan. Cast aluminum fan housing and fuel tank. Built-in fuel filter. The maximum engine speed of 4000 r.p.m. is controlled by a gear-driven governor. The engine is of frictionless precision bearing construction throughout. A gear-driven magneto supplies the ignition. The magneto, governor and the float feed dual-jet carburetor are mounted underneath the engine for maximum protection. A muffler reduces noise and traps exhaust sparks. All controls are within reach of the operator. An air filter cleans all dirt and dust from air passing into the carburetor.

THE STARTER: A built-in "Magnapull" starter provides quick, easy starting over a wide range of temperatures. The use of a separate starting rope is unnecessary. Starting cable rewinds automatically.

THE CLUTCH: A hand-operated, positive locking, multiple dry disc clutch is located on the transmission.

THE AUTOMATIC CHAIN LUBRICATOR: Lubrication for the cutting chain is provided by an automatic lubricator which supplies oil to the chain under positive pressure. This lubricator is integral to the transmission, driven by the transmission shaft and controlled by the clutch control mechanism. Oil flow is established or shut off automatically when the clutch is engaged or disengaged.

THE TRANSMISSION: Power is transmitted to the cutting chain through an accurately-machined pinion-and-bevel gear running in oil. The transmission housing forms a horn or rest against which the timber is forced by the action of the cutting chain running toward the engine on the lower side of the guide rail. It is extra strong, having reinforcing ribs to absorb the shocks of cutting. The shape of the abutment is such that it holds the engine away from the log when cutting, rather than pulling the engine down

and under the log. The sawing mechanism can be rotated 90° in either direction or 180° counter clockwise (viewed from tail stock end) completely upside down, for inverted bucking; thus, the engine is always in an upright position.

THE GUIDE RAIL: Made of Disston tempered steel. Wedge-mounted to the transmission housing and the tail stock. Reversible end-for-end and top-for-bottom for longest service. Quickly detachable from either the engine or the tail stock end.

THE TAIL STOCK: Tail stock can be "cradled" in the arm for use on long guide rails, or held safely in the hands. Cover is easily removed for quick changing of the cutting chain. A sturdy abutment on the tail stock allows a bearing point for "sawing out" of cut or inverted bucking, while imparting extra strength to the tail stock. The tail stock is wedge-mounted on to the guide rail. The loosening of a wing nut frees the tail stock from the rail.

THE TENSIONING DEVICE: Tensioning is variable to allow operator to obtain any tension desired. When spring is completely compressed, sawing from the tail stock end of the saw is easily accomplished.

THE CUTTING CHAIN: The Disston Steel cutting chain is made up of five types of individual teeth that are joined together by connecting links and rivets. The bottom portion of the raker teeth travel in a groove milled in the guide rail, while the bottom portion of the cutting teeth and the connecting links ride on the edges of the rail.

BUCKING BAR ATTACHMENT: A cutting accessory for the Two-Man unit. A 4' capacity Disston Steel guide rail with accurately milled slot for chain travel. Quickly detachable special aluminum alloy Tail Stock for two-man cutting and carrying. Special tensioning device.

GUARANTEE: Sold under a liberal 30 day guarantee, covering workmanship and materials.

Model No.	Size	Horse-Power	Shipping Weight	Net Weight
DH-120	24"	12	160 lbs.	98 lbs.
DH-120	36"	12	173 lbs.	103 lbs.
DH-120	48"	12	180 lbs.	109 lbs.
DH-120	60"	12	188 lbs.	115 lbs.
DH-120	72"	12	195 lbs.	122 lbs.
DH-120	84"	12	203 lbs.	130 lbs.

Includes set of tools and operating instructions.



Henry Disston & Sons, INCORPORATED

DISSTON ONE-MAN CHAIN SAW

MODEL DO-100

A compact Chain Saw with Mercury gasoline engine for light felling and bucking, limbing, and construction timber cutting. A unit that opens up new time and money saving possibilities for every industry with wood cutting problems. It is completely self contained, requiring no auxiliary equipment other than standard tools.

THE ENGINE: A one-cylinder, two-cycle gasoline engine, 3½ H.P. (at 4000 R.P.M.). Air cooled, compact, light in weight, excellently balanced. Cast aluminum engine housing with sheet aluminum fuel tank. Piston made of strong aluminum alloy. Three rings. Top shaped for maximum power output. Anti-friction bearings on all rotating parts. Forged steel crankshaft and connecting rod. Removable fuel filter. Air filter made of specially treated paper replaceable element. Crankshaft type magneto doubly protected against dirt and moisture. Equipped with reed valve mechanism to assure full power and eliminate back firing. Built-in Automatic Chain Lubricator pumps oil on the moving chain. Shuts off when the engine stops. Takes any clean oil mixture. Muffler gives maximum protection with minimum noise. Fuel Meter assures smooth flow of fuel to the cylinder. Acts as a governor. "Meters" the proper amount needed for full performance in any cutting position. Champion spark plug.

TRANSMISSION: Power transmitted through hardened and tempered steel gears in a roller-bearing mounted gear train which also provides accessory drive.

CLUTCH: Positive, quick acting, interlocking type. Manually controlled by application of pressure on rear operating handle of the unit. Smooth non-slip transfer of power to the sprocket under normal cutting conditions. "Safety Sprocket" absorbs shocks of cutting. Protects vital engine parts.

The saw cuts at full power when the unit is held at any angle. Cutting accessories, such as the Bow Saw Attachment, make it a truly all-purpose tool for profitable one-man operation.



PATENTS PENDING

STARTER: Magnapull type, self-rewinding. No ropes to wind or lose. Cable made of strong, flexible multi-stranded wire.

CONTROLS: Centered in pistol-grip handle. Throttle, throttle lock, safety-squeeze clutch, stop button . . . at the operator's finger tips for easy operation.

FUEL: 1 Part SAE 30 Automotive Oil to 16 parts gasoline—3½ pint capacity.

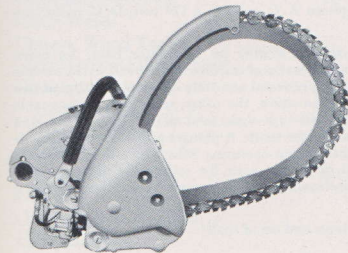
GUIDE RAIL: Made of Disston steel, hardened and tempered. One piece construction with squared edges. (Available in 18" and 24" capacity.)

TENSIONING DEVICE: Screw accessible through cover plate makes adjustment convenient.

CUTTING CHAIN: Made of Disston steel, hardened and tempered. Straddle-type with interlock features. Available in lengths for 18" Guide Rail and for 24" Guide Rail and Bow Saw Attachment.

GUARANTEE: Sold under a liberal 90 day guarantee covering workmanship and materials.

Complete with instructions and set of tools.



PATENTS PENDING

at left:

BOW SAW ATTACHMENT: A cutting accessory for the Model DO-100. Has 15" cutting capacity. Straddle-type chain travels around circular-shaped guide rail. Aluminum alloy casing protects chain. "Safety Sprocket" and tensioning device. Used to avoid pinching or binding in the cut.



In 1947 Disston developed this fine set of wood turning chisels for the professional and home craftsworker. Blades of extra high carbon tool steel. Each chisel perfectly balanced.

ESTABLISHED 1840

DISSTON TWO-MAN PNEUMATIC CHAIN SAW

MODEL P-Series



A light weight powerful air driven tool that speeds the cutting of all kinds of timber—even under water. Effective and economical. Simply connect the unit to the air supply and begin cutting. Reduce costs and speed up cutting.

THE MOTOR: A rugged heavy-duty vane-type air motor available in $3\frac{1}{2}$ and 5 horsepower, drives the saw. The motor contains a built-in line oiler of the needle valve type . . . only two lubrication points on the motor. Entire unit is built to give long hours of service and requires very little maintenance. $3\frac{1}{2}$ horsepower motor requires 90 cu. ft. of air per minute at 90 pounds per square inch pressure. 5 horsepower motor for operating on 150 cu. ft. of air per minute at 90 pounds per square inch pressure.

GEAR CASE: Power is transmitted to the cutting chain through spiral bevel gears. Gear case and saw mechanism may be rotated, in either direction, to 90° to the motor, or to 180° . Handle grips remain in a horizontal position with relation to each other for any type cutting.

POWER SUPPLY CONTROL: Instant control of power by rotating handle.

GUIDE RAIL: Made of Disston Steel, hardened and

tempered, reversible end for end and top for bottom—extends life of rail. Groove, milled in top and bottom of rail, guides the chain teeth.

TAIL STOCK: Housing forms an oil reservoir. Oil is supplied to the cutting chain under pressure by a spring actuated piston, regardless of position of unit.

TENSIONING DEVICE: Housed in tail stock handle. Automatically tensions chain to correct predetermined tension by turning star wheel . . . no possibility of having chain too tight or too loose.

CUTTING CHAIN: Made of specially heat treated Disston Steel. Cuts a minimum kerf. Easy to refit and maintain. The teeth are designed so that the driven portion always is in absolute contact with the teeth in the drive sprocket regardless of wear. Bottom portion of raker teeth travel in groove milled in guide rail; cutting teeth and connecting links ride on edge of rail.

Model No.	Size	Horse-Power	Shipping Weight	Net Weight
P-27	24"	$3\frac{1}{2}$	94 lbs.	$45\frac{1}{2}$ lbs.
P-275	24"	5	105 lbs.	$48\frac{1}{2}$ lbs.
P-375	36"	5	120 lbs.	$53\frac{1}{2}$ lbs.

Includes a set of tools and Air Hose complete with Coupling.

DISSTON ELECTRIC CHAIN SAW SHARPENER E3C6

The Disston Electric Chain Saw Sharpener is a portable tool designed for sharpening the cutting chains used on Disston power driven Chain Saws, both One-Man and Two-Man. It consists of a hand operated sharpening attachment mounted on an iron bracket which is supported from the wheel guard on a bench type grinding motor. The right hand end of the double spindle motor can be used for tool grinding. The $\frac{1}{2}$ horsepower motor can be supplied for operation on 110 volt, single phase, A. C. service or for 220 volt, single phase, A. C. service. A 110 volt, D. C. motor can also be supplied.

CONTROLS: A start and stop switch is located on the motor base. An index finger adjustment facilitates the proper location of the face of the teeth to the outside face of the grinding wheel. The indexing pedestal assembly operates in either of two positions, one for the Disston Two-Man chain, the other, used with a removable runway insert, accommodates the straddle-type chain used on the Disston One-Man Chain Saw. Indexing is from the back of the tooth. A plunger adjusting nut controls the length of the stroke given by the plunger operating lever which feeds the teeth into the wheel. There is a vertical protractor scale for setting the hook angle of the chain teeth. There also is a horizontal protractor scale for setting the bevel angle of the chain teeth.

Complete with operating instructions and set of tools:

AC—110 or 220 volts
DC—110 volts



Henry Disston & Sons, INCORPORATED

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A black and white photograph of a steel mill. In the center, a large red logo is overlaid. The logo is a stylized shape, resembling a downward-pointing arrow or a shield with a pointed top. It contains the text "SELL DISSTON STEEL SKILL and SERVICE" in bold, black, sans-serif font. The background shows a large, glowing furnace or ladle, with bright light and sparks emanating from it. The overall scene is industrial and dramatic.

SELL
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and
SERVICE