SARGENT
REG. U.S. PAT. OFF.

PLANES—STEEL SQUARES
and
OTHER TOOLS

SARGENT & COMPANY
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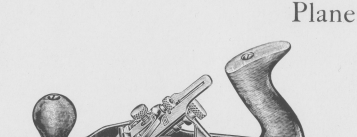
Planes



714 &c.

Adjustable Knob for 718, 718C, 722 and 722C

ADJUSTABLE AUTO-SET IRON BENCH PLANES

POLISHED TRIMMINGS. MAHOGANY HANDLE AND KNOB

With Side Adjustment for exact adjusting of Cutter with face of Plane

CHROMIUM STEEL CUTTERS

Knob and Handle.....Polished Mahogany matched for color.
Knob Nut.....Polished Nickel Plated with Lock Washer to prevent slipping.
Handle Nut.....Polished Nickel Plated with Lock Washer to prevent slipping.
Adjusting Nut.....Polished Nickel Plated, 7-8 inch diameter.
Clamp.....Polished Nickel Plated, with large Thumb Lever.
Frog.....Finished with two coats of Japan.
Plane Bed.....Bottom and Sides ground and polished, inside finished with two coats of Japan.

Smooth Bottom Planes

Numbers
707 — Smooth Plane, 7 Inches, 1⅝ Inch Cutter
708 — Smooth Plane, 8 Inches, 1¾ Inch Cutter
710 — Smooth Plane, 10 Inches, 2 Inch Cutter
714 — Jack Plane, 14 Inches, 2 Inch Cutter

With Adjustable Knob

718 — Fore Plane, 18 Inches, 2⅜ Inch Cutter
722 — Jointer Plane, 22 Inches, 2⅝ Inch Cutter

Corrugated Bottom Planes

Numbers
708C — Smooth Plane, 8 Inches, 1¾ Inch Cutter
710C — Smooth Plane, 10 Inches, 2 Inch Cutter
714C — Jack Plane, 14 Inches, 2 Inch Cutter

With Adjustable Knob

718C — Fore Plane, 18 Inches, 2⅜ Inch Cutter
722C — Jointer Plane, 22 Inches, 2⅝ Inch Cutter

One in a box.

Nos.	707	708	710	714	718	722	708C	710C	714C	718C	722C
Weight each	2½	3	3¾	4½	6½	7¼	3	3¾	4½	6½	7¼ lbs.

These Planes have the superior features described below:

Thin Cutter

These Planes have a thin Cutter, but the support for the Cutter is so solid below and clamp so firm above, that there is no tendency to chatter, hence it is possible to use thin Cutter and so get the slight advantage of quicker grinding.

Cutter requires no cap as clamp acts as a breaker for the chip.

Rigidity

Frog is very rigid and Frog and Bed at mouth are in alignment so that Cutter has an even bearing down to heel of bevel of Cutter. Plane combines solidity, compactness and simplicity. Meeting surfaces of Frog and Bed are all machined so fit is absolute.

Ease of Adjustment

Lateral adjustment may be secured without removing hand from the handle and vertical adjustment, obtained through a direct acting thumb screw at back of Cutter, is positive and rapid.

Auto-Set

When once set clamp may be removed and when replaced it will always return to original position until reset. This feature is a great time saver. Clamp may be easily adjusted by means of regulating screw, close to cutting edge when fine cut is required, away from cutting edge when coarse cut is desired and may be set in as many intermediate positions as may be needed.

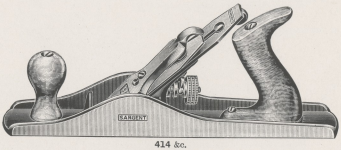
Adjustable Knob

Fore and Jointer Planes, 718, 718C, 722 and 722C, are equipped with Adjustable Knob. This Knob is high to give a full grip for the hand and is adjustable so that user may regulate position of Knob, bringing it closer to handle or farther away, as he may prefer. This feature makes it convenient for use by carpenters with long or short arms and allows forward hand plenty of clearance when Plane is used close up to a projecting surface.

Purpose

These Planes are intended for both heavy and very fine cuts. Especially adapted for working against the grain on cross-grained hardwood where absolute rigidity of Cutter avoids any tendency to chatter.

Planes



414 &c.

408C &c. Showing Corrugated Bottom

IRON BENCH PLANES
ADJUSTABLE

POLISHED TRIMMINGS. MAHOGANY HANDLE AND KNOB

With Side Adjustment for exact adjusting of Cutter with face of Plane

HEAVY CHROMIUM STEEL CUTTERS

Planes 407 to 424C have a heavy Cutter which offsets the tendency found in a spring cap Plane to vibrate when being used on cross-grained wood. Additional weight prevents chattering. Large opening or eye in Cutter slot is at far end, removed from cutting edge, avoiding any tendency to move cap over edge in adjusting.

Knob and Handle.....Polished Mahogany matched for color.
Knob Nut.....Polished Nickel Plated with Lock Washer to prevent slipping.
Handle Nut.....Polished Nickel Plated with Lock Washer to prevent slipping.
Steel Adjusting Nut.....Polished Nickel Plated, 1¼ inch diameter.
Clamp.....Polished Nickel Plated with large Thumb Lever.
Frog.....Finished with two coats of Japan.
Plane Bed.....Bottom and Sides ground and polished, inside finished with two coats of Japan.

One in a box.

Smooth Bottom Planes

Numbers
407 — Smooth Plane, 7 Inches, 1⅝ Inch Cutter
408 — Smooth Plane, 8 Inches, 1¾ Inch Cutter
409 — Smooth Plane, 9 Inches, 2 Inch Cutter
410 — Smooth Plane, 10 Inches, 2⅜ Inch Cutter

411 — Jack Plane, 11½ Inches, 1¾ Inch Cutter
414 — Jack Plane, 14 Inches, 2 Inch Cutter
415 — Jack Plane, 15 Inches, 2¼ Inch Cutter

418 — Fore Plane, 18 Inches, 2⅜ Inch Cutter

422 — Jointer Plane, 22 Inches, 2⅜ Inch Cutter
424 — Jointer Plane, 24 Inches, 2⅝ Inch Cutter

Corrugated Bottom Planes

Numbers
408C — Smooth Plane, 8 Inches, 1¾ Inch Cutter
409C — Smooth Plane, 9 Inches, 2 Inch Cutter
410C — Smooth Plane, 10 Inches, 2⅜ Inch Cutter

411C — Jack Plane, 11½ Inches, 1¾ Inch Cutter
414C — Jack Plane, 14 Inches, 2 Inch Cutter
415C — Jack Plane, 15 Inches, 2¼ Inch Cutter

418C — Fore Plane, 18 Inches, 2⅜ Inch Cutter

422C — Jointer Plane, 22 Inches, 2⅜ Inch Cutter
424C — Jointer Plane 24 Inches, 2⅝ Inch Cutter

One in a box.

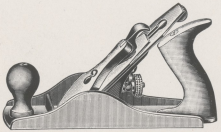
Nos.	407	408	409	410	411	414	415	418	422	424
Weight each	2¾	3⅜	4	4½	5	5½	6½	7½	8¾	9¼ lbs.
Nos.		408C	409C	410C	411C	414C	415C	418C	422C	424C
Weight each		3¾	4	4½	5	5½	6½	7½	8¾	9¼ lbs.

	Nos.	407	409	414	418	422
Full cases.....						
Contain.....		24*	24	24	12	12 Planes
Weights.....		70	106	147	105	120 lbs.

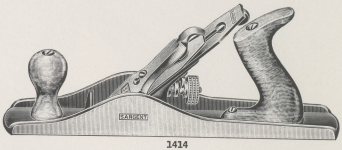
*Carton

Planes

"HERCULES"



1409



1414

ADJUSTABLE IRON BENCH PLANES

With Side Adjustment for exact adjusting of Cutter with face of Plane
Bottom and Sides of Bed Ground Smooth. Inside Japanned Finish
Cutter made of Alloy Tool Steel, Tempered to hold an Edge
Hardwood Handle and Knob, Mahogany Finish
Steel Adjusting Nut

POLISHED CLAMP

Smooth Bottom Planes

Numbers
1408 — Smooth Plane, 8 Inches, 1¾ Inch Cutter
1409 — Smooth Plane, 9 Inches, 2 Inch Cutter
1414 — Jack Plane, 14 Inches, 2 Inch Cutter

Corrugated Bottom Planes

Numbers
1409C — Smooth Plane, 9 Inches, 2 Inch Cutter
1414C — Jack Plane, 14 Inches, 2 Inch Cutter

One in a box.

Nos.	1408	1409	1414	1409C	1414C
Weight each	3¼	4	5½	4	5½ lbs.

Full cases of 1409 contain 24 Planes, weight 105 lbs.
1414, 24 Planes, weight 138 lbs.

1107

"HERCULES"

IRON BLOCK PLANES

Cutter made of Alloy Tool Steel, Tempered to hold an Edge

Japanned Finish, Polished Bottom
Hardwood Knob

No. 1107 — 7 Inches, 1⅝ Inch Cutter

One in a box. Weight each 1½ lbs.

Full cartons contain 24 Planes. Weight 41 lbs.

Planes

IRON BLOCK PLANES. CHROMIUM STEEL CUTTERS

WITH SCREW ADJUSTMENT AND ADJUSTABLE MOUTH

Side Adjustment for exact adjusting of Cutter with face of Plane

Low Angle

Bottom and Sides Polished. Inside of Bed Japanned; Trimmings Polished Nickel Plated.

No. 606 — 6 Inches, 1⅜ Inch Cutter
No. 607 — 7 Inches, 1⅝ Inch Cutter
Weight per box, 1¼ lbs.

Low Angle

Bottom and Sides Polished, Inside of Bed Japanned; Trimmings Polished Nickel Plated.

Knuckle Joint

No. 5607 — 7 Inches, 1⅝ Inch Cutter
Weight per box, 1½ lbs.

Knuckle Joint

Bottom and Sides Polished, Inside of Bed Japanned; Trimmings Polished Nickel Plated.

No. 5306 — 6 Inches, 1⅝ Inch Cutter
No. 5307 — 7 Inches, 1⅝ Inch Cutter
Weight per box, 1½ lbs.

Bottom and Sides Polished. Inside of Bed Japanned, Trimmings Polished Nickel Plated.

No. 306 — 6 Inches, 1⅝ Inch Cutter
No. 307 — 7 Inches, 1⅝ Inch Cutter
Weight per box, 1½ lbs.

One in a box.

IRON BLOCK PLANES. CHROMIUM STEEL CUTTERS

Polished Bottom, Japanned Finish.

No. 104 — 3½ Inches, 1 Inch Cutter
Weight per box of six, 2 lbs.

With Handle

Polished Bottom, Japanned Finish.

No. 105 — 3½ Inches, 1 Inch Cutter
Weight per box of six, 2¼ lbs.

Polished Bottom, Japanned Finish.

No. 106 — 5½ Inches, 1⅜ Inch Cutter
Weight per box, ¾ lb.

Bottom and Sides Polished.

Inside of Bed Japanned Finish.

Mahogany Knob.

No. 107 — 7 Inches, 1⅝ Inch Cutter
Weight per box, 1½ lbs.

Nos. 104 and 105 six in a box; other numbers one only.

Full cartons contain: Nos.	106	107	208	217
Quantity	24	24	24	24
Weight	21	40	40	37 lbs.

With Screw Adjustment

Polished Bottom, Japanned Finish; Adjusting Nut Polished Nickel Plated.

No. 206 — 5½ Inches, 1¾ Inch Cutter
Weight per box, 3-4 lb.

With Screw Adjustment

Bottom and Sides Polished, Inside of Bed Japanned; Mahogany Knob.

Trimmings Polished Nickel Plated.
No. 217 — 7 Inches, 1⅝ Inch Cutter
Weight per box, 1½ lbs.

With Screw Adjustment

Bottom and Sides Polished. Inside of Bed Japanned Finish. Adjusting Nut Polished Nickel Plated. Mahogany Knob.

No. 208 — 7 Inches, 1⅝ Inch Cutter
Weight per box, 1½ lbs.

Double Block Planes

Bottom and Sides Polished.

Inside of Bed Japanned Finish.

Mahogany Knob.

Can be used as regular Block Plane or Cutter can be reversed for planing in close corners or elsewhere not easily reached with other Planes.

No. 227 — 7¾ Inches, 1⅝ Inch Cutter
Weight per box, 2 lbs.

Planes

CHROMIUM STEEL CUTTERS

ADJUSTABLE ALL-STEEL BLOCK PLANES

With Screw Adjustment

2204

Pocket Plane

All Parts Bright Cadmium Plated
Bottom Polished

No. 2204 — 4¼ Inches
1⅝ Inch Cutter
Weight per box of six, 3½ lbs.
One in a box. Six boxes in a large box.

Low Angle

All Parts Bright Cadmium
Bottom Polished

5206

No. 5206 — 6 Inches, 1⅝ Inch Cutter
Weight per box, ⅞ lb.
One in a box.

Light, Unbreakable, Indestructible

Sargent All-Steel Block Planes are light, unbreakable and indestructible; owing to shape and size they may be readily carried in pocket of a carpenter's apron. Particularly desirable for use in work on scaffoldings, etc. 2204 is especially suitable for pattern-makers' use.

Substantial, Serviceable, Handy

Mechanics will find them substantial, serviceable and handy; also particularly suitable for amateur work at home. The Sargent stamp is an indication of their high grade and superior quality.

Side Adjustment may be made by moving Cutter with fingers. Rapid up and down adjustment obtained by screw in rear.

On 5206 head of screw is made so as to serve as a handle.

505

IRON BULL-NOSE RABBET PLANE

Adjustable

Polished Bottom; Japanned Finish

No. 505 — 4 Inches, 1 Inch Cutter

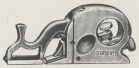
Weight per box, ¾ lb.

1506

IRON BULL-NOSE RABBET PLANES

Especially adapted for high grade cabinet work.

Sides and bed are at right angles, so that a perfect cut is insured. Will lie perfectly flat on either side and can be used either right or left. Width of throat opening may be made larger or smaller as desired. Forward section of Plane can be removed, allowing user to get close up on work, as there is no portion in advance of Cutter. A direct acting screw enables user to throw Cutter rapidly out or in.



1507, 1508

Nickel Plated; Bottom and Sides Polished

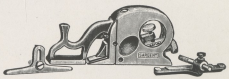
No. 1506 — 5 Inches, 1 Inch Cutter. Weight per box, 1⅛ lbs.
No. 1507 — 6 Inches, ¾ Inch Cutter. Weight per box, 1¼ lbs.
No. 1508 — 7 Inches, 1 Inch Cutter. Weight per box, 2 lbs.

1506½

IRON BULL-NOSE FILLETSTER RABBET PLANES

With Fence and Depth Gauge

These Planes have same functions as 1506 to 1508, with the addition of a Fence and Depth Gauge, which are adjustable for either right or left hand, and which may be removed in rabbet work where not required. Fence regulates width of cut and Depth Gauge the thickness.



1507½, 1508½

Nickel Plated; Bottom and Sides Polished

No. 1506½ — 5 Inches, 1 Inch Cutter, Weight per box, 1¼ lbs.
No. 1507½ — 6 Inches, ¾ Inch Cutter. Weight per box, 1⅜ lbs.
No. 1508½ — 7 Inches, 1 Inch Cutter. Weight per box, 2⅛ lbs.

81

IRON SIDE RABBET OR SHOW CASE PLANE

With Mahogany Knob

A combined right and left hand adjustable Rabbet Plane. A useful tool for side rabbeting and for trimming mouldings, dadoes and grooves of all kinds. By removing mouthpiece carpenter can work close in corners. A useful tool for Wood Pattern Workers.

Nickel Plated

No. 81 — 4¼ Inches, Two ½ Inch Cutters
Weight per box, ⅝ lb.
One in a box.

Planes

CHROMIUM STEEL CUTTERS

IRON RABBET BLOCK PLANE

With Screw Adjustment. Mahogany Knob

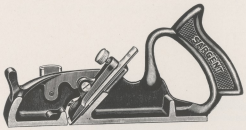
507

Suitable for either right or left hand rabbeting. Cutter extends through sides of Plane a little beyond sides in order to give a clearance; this permits bed to follow along in cut made by bit without jamming on sides. Sides are built up higher than on ordinary Block Plane to give strength to counteract side openings. Cutter has a quick up and down adjustment, regulated by a direct acting screw, for increasing or decreasing depth of cut. A very useful tool, it may be used as a regular Block Plane in addition to having rabbeting feature.

Bottom and Sides Polished, inside of Bed Japanned Finish
Nickel Plated Polished Trimmings

No. 507 — 7 Inches, 1⅞ Inch Cutter

Weight per box, 11½ lbs.



196 to 198

IRON RABBET PLANES

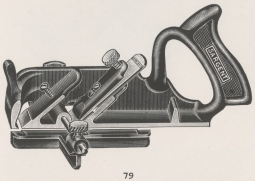
With Depth Gauge and Spur

Spur Cutter works ahead of large Cutter and serves to insure an even chip

Japanned Finish; Bottom and Side Edges Polished

Numbers

196 — 8 Inches, 1 Inch Cutter; Weight per box, 2½ lbs.
197 — 8 Inches, 1¼ Inch Cutter; Weight per box, 2¾ lbs.
198 — 8 Inches, 1½ Inch Cutter; Weight per box, 3 lbs.



79

IRON RABBET AND FILLETSTER PLANE

With Depth Gauge and Spur and Removable Arm and Fence

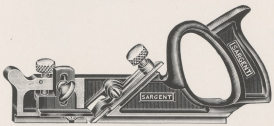
Two seats for Cutter. When Cutter is placed in forward seat Plane can be used as a Bull-Nose Rabbet.

Arm and Fence can be placed on either side of Plane, making a right or left hand Fillet-ster.

Japanned Finish; Bottom and Side Edges Polished

No. 79 — 8½ Inches, 1½ Inch Cutter

Weight per box, 3½ lbs.



32 to 38

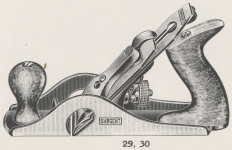
IRON DADO AND RABBET PLANES

With Depth Gauge and Two Spurs

Used for cutting grooves away from edge of a surface. As Cutter is at an angle, Plane in use gets a shearing cut; Spurs directly in front of Cutter serve to cut across grain of wood and insure a clean cut for that reason. Depth gauge is regulated by forward thumb-screw. Graduations appear under depth gauge on body of Plane, so that depth gauge may be readily regulated.

Japanned Finish; Bottom and Side Edges Polished

Numbers	Weight per box	Numbers	Weight per box
32 — 8 Inches, ¼ In. Cutter, 2	lbs.	**36** — 8 Inches, ¾ In. Cutter, 2	lbs.
33 — 8 Inches, ⅜ In. Cutter, 2	lbs.	**37** — 8 Inches, ⅞ In. Cutter, 2¼	lbs.
34 — 8 Inches, ½ In. Cutter, 2	lbs.	**38** — 8 Inches, 1 In. Cutter, 2½	lbs.
35 — 8 Inches, ⅝ In. Cutter, 2¼	lbs.		



29, 30

IRON RABBET BENCH PLANES

Adjustable

Mahogany Handle and Knob

With Side Adjustment for exact adjusting of the Cutter with the face of the Plane.

Especially adapted for use in Carriage, Wagon, Automobile Body and Ship work. May also be used as ordinary Bench Planes.

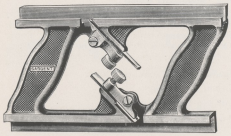
Japanned Finish; Bottom and Side Edges Polished
Nickel Plated Polished Trimmings

No. 29 — 9 Inches, 2⅛ Inch Cutter; Weight per box, 3¼ lbs.
No. 30 — 13 Inches, 2⅛ Inch Cutter; Weight per box, 4½ lbs.

One in a box.

Planes

CHROMIUM STEEL CUTTERS



1066 to 1068

IRON DOUBLE SIDE MATCHING PLANES

Adjustable

Reversible for Tonguing and Grooving

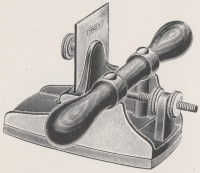
Reversible for tonguing and grooving, and so arranged that by turning Plane over, same size cut may be made in both tonguing and grooving. Plane is designed to take up very little room in carpenter's kit, having no unnecessary metal.

Nickel Plated Finish

Numbers

1066 — 8 7/8 Inches, for Matching 3/8 and 1/2 Inch Board, weight per box, 2 1/8 lbs.
1067 — 8 7/8 Inches, for Matching 5/8 and 3/4 Inch Board, weight per box, 2 1/4 lbs.
1068 — 8 7/8 Inches, for Matching 7/8 and 1 Inch Board, weight per box, 2 1/2 lbs.

IRON SCRAPER PLANES



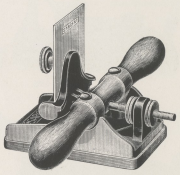
43
42 is same as **43** without Wood Face
Adjustable

Especially suitable for scraping veneers and finishing cabinet and other fine work. May also be used for removing old paint and glue.

Sargent Cutter Binding Screw is made from a steel stud headed over in a brass nut. Steel screw prevents stripping of threads as on brass screws. Frog, held by a machine screw, may be easily replaced in case of breakage.

Wood Face Planes are particularly adapted for Stair Makers' and Floor Finishers' use.

44 has a wide mouth and is designed especially for use as a Floor Scraper. Has a wood bottom which is held in position by four brass screws and handle is set lower than handle on 43, enabling user to exert greater force and weight.



44
Adjustable

Double Mahogany Handles

Bottom and Sides Polished, Inside Japanned Finish, Brass Adjusting Nuts

No. 42 — 3 Inch Cutter, weight per box, 3 3/4 lbs.

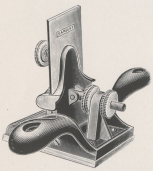
Hardwood Bottom, Polished Sides, Inside Japanned Finish, Brass Adjusting Nuts

No. 43 — 3 Inch Cutter, weight per box, 4 lbs.

Hardwood Bottom, Polished Sides, Inside Japanned Finish, Brass Adjusting Nuts

No. 44 — 3 Inch Cutter, weight per box, 4 lbs.

Extra Cutters and Wood Bottoms can be furnished for above Planes



53

Raised Handles

Hardwood Bottom
Japanned Finish
Brass Adjusting Nuts

No. 53 — 3 1/2 Inch Face

2 1/2 Inch Cutter

Weight per box, 3 1/8 lbs.

Extra Cutters and Wood Bottoms can be furnished.

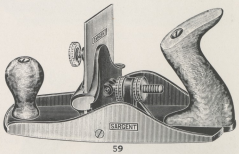
Mahogany Handle and Knob

Bottom and Sides Polished

Inside Japanned Finish

Brass Adjusting Nuts

No. 59, 9 Inches
3 Inch Cutter



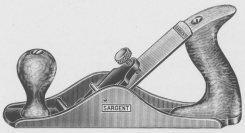
59

Weight per box, 4 1/4 lbs.
Extra Cutters can be furnished.

One in a box.

Planes

IRON ROUGHING PLANES



160, 161

Chromium Steel Cutters

Adjustable

Roughing Planes, also called Scrub Planes, are especially adapted for use on rough lumber. Owing to curve of Cutter it will take off material very rapidly. Cutter is held firmly in position by means of a clamp.

Mahogany Handle and Knob. Polished Bottom, Japanned Finish
Nickel Plated Polished Clamp and Screw

Screw Adjustment

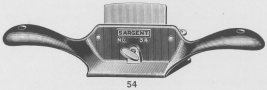
No. 160 — 10 Inches, 1¼ Inch Cutter, weight per box, 2¼ lbs.
No. 161 — 10½ Inches, 1½ Inch Cutter, weight per box, 2½ lbs.

Extra Cutters can be furnished

One in a box.

Iron Cabinet Scrapers

Handled



54

Extra Cutters can be furnished.

Chromium Steel Cutters

Raised Handles

By means of Cutter Binding Screw Cutter may be slightly curved, in order to make it more effective on cross-grained wood.

Suitable for use also as a Belt Scraper.

Polished Bottom, Japanned Finish; Nickel Polished Clamp Screws

No. 54 — 11 Inches, 2¾ Inch Cutter
Weight each, 1¾ lbs.

One in a box.

Floor Scrapers

52

Extra Cutters can be furnished.

Iron Scraper

Chromium Steel Cutters

Adjustable

Selected Hardwood Handle, Polished Mahogany Finish
Brass Ferrule

Handle is set on universal joint and can be readily adjusted to bring cutter to any angle desired. Blade is reversible and all four edges may be used without removing blade from clamp; one edge is beveled and sharpened ready for use. It is only necessary to loosen handle sufficiently to turn blade until new cutting edge is in position. Scraper Cutter should be sharpened before using.

Cutter should be sharpened before using
Japanned Finish

No. 52 — 9 Inches, 3½ x 3½ Inch Cutter
Weight, 2 lbs.

One in a box. Full cartons contain 24, weight 50 lbs.

Box Scrapers

50

Malleable Iron Scraper
Chromium Steel Cutters

Wood Handle, Brass Ferrule, Nickel Plated Polished Clamp Screw
Polished Bottom, Japanned Finish

No. 50 — 13 Inches, 2 Inch Cutter
With Rounded Edge

Extra Cutters can be furnished

Six in a box. Weight per box, 6½ lbs.

Planes

Chromium Steel Cutters

Extra Cutters for Nos. 73, 61 and 62 can be furnished.

IRON ROUTER PLANES

Router Planes are used for planing off depressed surfaces and are especially adapted for pattern work. Cutters may be reversed when desired.

73

Adjustable

Adjustable Iron Router Plane 73 may be used on very narrow work because of small size of Cutter. It is so constructed that Cutter and Clamp Screw may be removed to end of Plane, where space will not permit Plane to be used otherwise. Clamp Screw has a slot, so that it may be adjusted by a screw driver. Lightness and compactness of Plane make it especially useful. May be used as a depth gauge by reversing Cutter.

Cadmium Plated, Polished Bottom; Nickel Plated Polished Adjusting Nut

No. 73 — 3 1/8 Inches, 1/4 Inch Cutter

One in a box, six in a large box. Weight per box of six, 11 lbs.

61

Screw Adjustment

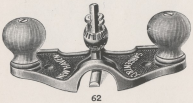
Closed Throat; Polished Mahogany Handles

Two Cutters

Nickel Plated, Polished Trimmings

No. 61 — Overall 7 1/2 x 3 1/2 Inches. Two Cutters, 1/4 and 1/2 Inch

Weight per box, 2 lbs.



62

Attachment packed with **62**

Screw Adjustment

Open Throat, Polished Mahogany Handles

Nickel Plated, Polished Trimmings

With Attachment for Closing Throat

Two Cutters

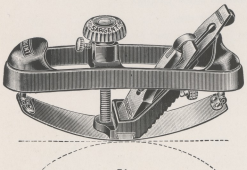
No. 62 — Overall 7 1/2 x 3 1/2 Inches. Two Cutters, 1/4 and 1/2 Inch

Weight per box, 2 1/2 lbs.

Open throat of 62 is preferable in some work as it allows shavings to clear rapidly and gives user a better view of his work.

Nos. 61 and 62, one in a box.

IRON CIRCULAR PLANES



74

Adjustable

Side Adjustment for exact adjusting of Cutter with face of Plane.

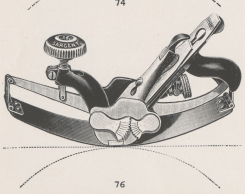
These Planes have flexible steel faces which can be adjusted to required arc, either convex or concave, so that curved surfaces may be planed.

Plane 74 is accurately set and firmly held in position by Knob and Set Screw. Rear of Frog is graduated roughly to enable user to judge arc more easily.

Polished Bottom, Nickel Plated Polished Trimmings
Japanned Finish

No. 74 — 10 Inches, 1 3/4 Inch Cutter

Weight per box, 4 1/2 lbs.



76

Graduated Scale

Plane 76 has a gauge on side with a graduated scale, which enables user to set Plane accurately, to plane arc of the same circle, both concave and convex.

Polished Bottom and Sides; Nickel Plated Polished Trimmings
Japanned Finish

No. 76 — 10 Inches, 1 3/4 Inch Cutter

Weight per box, 4 1/8 lbs.

One in a box.

Combination Planes No. 1080

CHROMIUM STEEL CUTTERS

Combination Plane 1080 is designed for use in following types of work:—Dadoing, Rabbeting, Tonguing and Grooving, Beading, Matching and Sash Cutting. May also be used as a Filletster and, with special cutters, as a Reeding Plane.

Has a Fence (**B**) which is reversible for use on wide boards; also adjustable along Rods for either side of Plane. Designed for convenient service when plane is used as a Filletster or Plow.

Has a Movable Bed (**A**) to be used as additional support with cutters except the 3/8 inch and narrower.

Both Bed (**D**) and Movable Bed (**A**) have Spur Cutters (**H**), designed to cut wood ahead of cutter (usually across grain) at right angles to it, and thus insure smooth results.

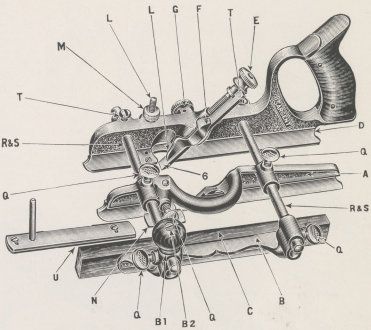
Two sets of Rods are furnished on which Fence and Movable Bed slide. One set (**S**) is 4½ inches, the other (**R**), 8¼ inches long.

Fitted with two Depth Gauges for regulating depth of cut, one (**N**) on Movable Bed, and one (**L**) on Bed. (**L** may be raised or lowered by means of adjusting nut **M**.)

Adjustable Guide (**U**) is provided for use when beading or grooving on edge of a tongued board, where there is not room for the Fence. In that case it replaces Depth Gauge (**N**).

Handle has ample room for hand. Metal parts of Plane except Cutters are Cadmium Plated. Wood used on Fence and Handle is Mahogany.

Cutter is raised or lowered by means of positive Up and Down Adjustment (**E**) so constructed that Cutter will not easily become detached from it.



For complete list of parts indicated by letters, see page 588

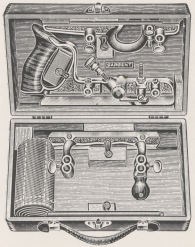
With Screw Adjustment

Mahogany Handle and Fence Plate

No. 1080 — In Wood Box

Nickel Plated, 10¾ Inches, complete with 23 Cutters, 1 to 21 inclusive, and 23 and 24, in wood box.

Weight each, 8¾ lbs.



Plane **1080**, showing wooden box open and Plane in place

No. 1080

Compactly Packed

in a handled box of stained hardwood, which may be used conveniently by a carpenter as a case for the tool. Fixtures are so arranged that parts of plane are held firmly in position in box, but may be removed easily as required.

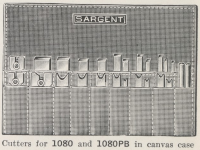
No. 1080PB — In Cardboard Container

Same as above, but packed in a heavy cardboard container.

Weight each, 7½ lbs.

Protection for the Cutters

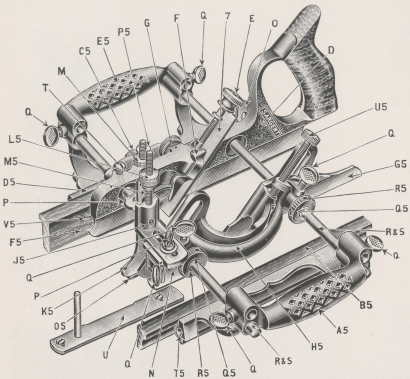
1080 and 1080PB are packed regularly with 23 different cutters, 1 to 21 inclusive and 23 and 24 (see page 584). These are packed in canvas case arranged with series of pockets so that each cutter may be taken out and replaced without confusion. Flap is folded over cutters to protect them before case is rolled up. In addition there are 7 Cutters, Nos. 26 to 32 inclusive (see page 585), that may be used on Plane, but which are not packed with it regularly.



Cutters for **1080** and **1080PB** in canvas case

Combination Planes No. 1085

CHROMIUM STEEL CUTTERS



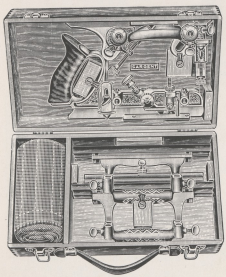
For a complete list of parts indicated by letters, see page 588.

With Screw Adjustment
Mahogany Handle and Fence Plates

No. 1085

Nickel Plated, 10¾ Inches, complete with 53 Cutters (1 to 21 inclusive, 23, 24, 101 to 122 inclusive, and 125) and Wood Box.

Weight each, 15 lbs.



Compactly Packed

in a handled box of stained hardwood which may be used conveniently by a carpenter as a case for the tool. Fixtures are so arranged that parts of Plane are held firmly in position in box, but may be removed readily as required.

Plane 1085 is a Combination Moulding Plane that will do all work for which 1080 is suitable: Dadoing, Rabbeting, Tonguing and Grooving, Beading, and Sash Cutting. May also be used as a Filletster and Reeding Plane and is also adapted for Slitting, Matching, making Hollows and Rounds and a variety of Mouldings, including Ogee (Reverse, Roman and Grecian) and Quarter Round with Bead.

53 Cutters are furnished regularly with 1085, including 30 Cutters (23 regular and 7 special shown on pages 584 and 585) used with 1080 and 23 additional Cutters intended especially for 1085 (shown on pages 585 and 586). These Cutters are 1 to 21 inclusive, 23, 24, 101 to 122 inclusive, and 125. Notice that Cutters numbered in 100 Series (101, etc.) can only be used on Plane 1085.

Special Cutters can be furnished to order suitable for any type of work at a reasonable price. Drawing with full description and measurements of Cutter is required where special cutter is ordered. Blanks for cutters will also be furnished to order.

Provided with two Fences (**B5** and **F5**), both of which are adjustable along Rods on either side. Fence **A5** is reversible for use on wide boards. In Fence **A5** lower holes for Rods should be used where firm support is required and in cases where room is limited. Use upper holes where it is necessary for Fence to project underneath cutter as in Filletster work.

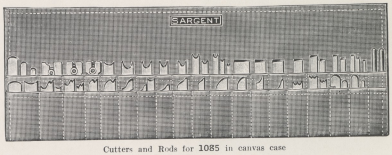
Other Fence (**E5**) is provided with regulating feature for especially fine work. By means of Fence Adjusting Screw (**C5**), wood bearing surface of Fence, namely, Plate (**F5**), may be moved forward or back without disturbing position of main part of the Fence. Set Screw (**P5**) locks Plate to Fence.

Both Fences are designed for convenient use when Plane is required as a Filletster or in Plow work, and in chamfering or other beveling. In beveling, Fence Plates (**B5** and **F5**) may be inclined to an angle of 45 degrees by means of two set screws (**V5**).

An Adjustable Stop (**K5**) is used in regulating thickness of shaving. Stop may be raised or lowered by means of Adjustable Stop Nut (**L5**). May be lowered laterally on Adjustable Stop Rest (**J5**). Where certain Cutters are used, for example, Hollows and Rounds, on which depth cannot be controlled from edge of cutter, stop prevents tendency for Cutters to tear wood. By removing Shoe (**O5**) Stop may be used as Guide in Beads or Grooves.

Handle has ample room for hand. Metal parts of Plane except Cutters are Cadmium Plated Wood used on Fences and Handle is Mahogany.

Cutters are raised or lowered by means of Positive Up and Down Adjustment (**E**) so constructed that Cutters will not easily become detached from it.



Cutters and Rods for 1085 in canvas case

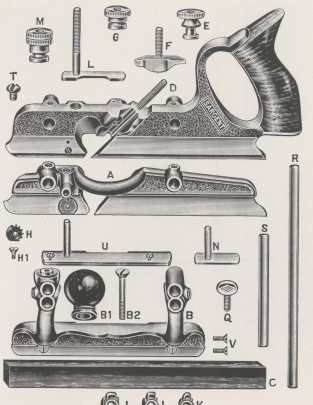
Protection for the Cutters

Cutters and extra Rods packed in Canvas Roll in separate pockets, making them easy to select when required, and to replace.

Illustrations on pages 581 and 582 show complete planes with parts in position.

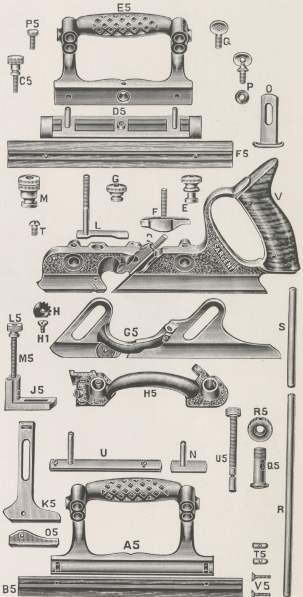
Parts for Combination Planes

No. 1080 — No. 1080PB



Part	Description for 1080-1080PB
A	Movable Bed
B	Fence
B1	Fence Knob
B2	Fence Knob Screw
C	Fence Plate
D	Bed
E	Cutter Adjusting Nut
F	Clamp
G	Clamp Nut and Pin
H	Spur Cutter and Screw
H1	Screw for Spur Cutter
I	Tonguing Cutter Stop, 3-16", for Cutter 24
J	Tonguing Cutter Stop, 1-4", for Cutter 23
K	Sash Cutter Stop for Cutter 21
L	Depth Gauge with Adjustment
M	Nut for Depth Gauge with Adjustment and Pin
N	Depth Gauge
Q	Thumb Screw for Parts A, B
R	Long Rod, 8¼ inches
S	Short Rod, 4½ inches
T	Rod Set Screw
U	Adjustable Guide (Complete with Screws)
V	Two Machine Screws for Fence Plate C

No. 1085

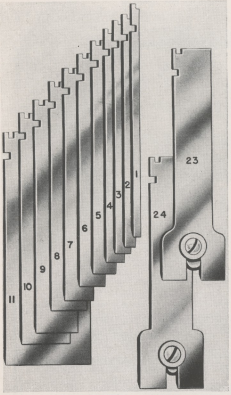


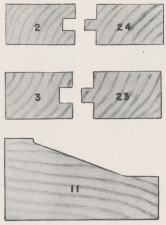
Part	Description for No. 1085
D	Bed
E	Cutter Adjusting Nut
F	Clamp
G	Clamp Nut and Pin
H	Spur Cutter
H1	Screw for Spur Cutter
I	Tonguing Cutter Stop, 3-16", For Cutter 24
J	Tonguing Cutter Stop, 1-4", For Cutter 23
K	Sash Cutter Stop for Cutter 21
L	Depth Gauge with Adjustment
M	Nut for Depth Gauge with Adjustment and Pin
N	Depth Gauge
O	Slitting Cutter Stop
P	Thumb Screw and Washer for Part 125 (Slitting Cutter) and K5, J5
Q	Thumb Screw for Parts A5, E5, G5
R	Long Rod, 8¼ inches
S	Short Rod, 4½ inches
T	Rod Set Screw
U	Adjustable Guide
A5	Reversible Fence
B5	Plate for Fence A5
C5	Adjusting Screw for Fence E5
D5	Swivel for Fence E5
E5	Fence
T5	Plate for Fence E5, used in connection with Swivel (Part D5)
G5	Movable and Adjustable Bed
H5	Adjustable Slide
J5	Adjustable Stop Rest
K5	Adjustable Stop
L5	Adjustable Stop Nut
M5	Adjustable Stop Slide Screw
O5	Adjustable Stop Shoe and Screw
P5	Set Screw for Fence E5
Q5	Coupling
R5	Coupling Nut
T5	Swivel Pins for Parts A5 and D5
U5	Adjusting Screw for Movable and Adjustable Bed (Part G5) and Pin
V5	Two Machine Screws for Plates B5 and F5

Other Cutters for Planes 1080 and 1085 are illustrated on page 585.

Cutters for Planes Nos. 1080, 1080PB and 1085

DADO, FILLETSTER AND TONGUING





Illustrations of Dado Cutters **1** to **10**; Filletster Cutter **11** and Tonguing Cutters **23** and **24**. The cross sections numbered **2, 24,** etc., in illustration show exact cuts in wood made by Cutters **2, 24,** etc. Height of tongue made by Cutters **23** and **24** is regulated by screw adjustments shown on these cutters. These are known as Tonguing Cutter Stops and are illustrated on Page 583.

SASH CUTTER

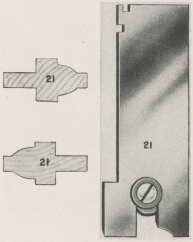


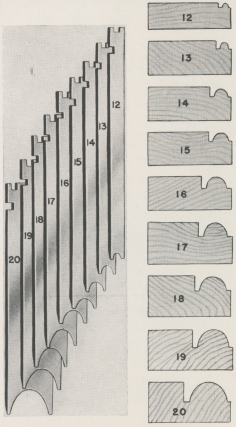
Illustration of Sash Cutter **21** and cross sections showing exact cut in wood made by Cutter. The two equal square end projections on cross sections may be made greater or less by changing Sash Cutter Stop (K) which is controlled by screw shown on Cutter **21**. For separate illustration of Sash Cutter Stop (K), see Page 588.

Cutters 1 to 21, and 23 and 24 are packed regularly with Planes 1080, 1080PB and 1085

Nos.	Inch	Description
1	1/16	Dado
2	3-16	Dado
3	1/4	Dado
4	5-16	Dado
5	3/8	Dado
6	7-16	Dado
7	1/2	Dado
8	5/8	Dado
9	3/4	Dado
10	7/8	Dado
11	1 3-16	Rabbet and Filletster
12	1/16	Beading Cutter
13	3-16	Beading Cutter
14	1/4	Beading Cutter
15	5-16	Beading Cutter
16	3/8	Beading Cutter
17	7-16	Beading Cutter
18	1/2	Beading Cutter
19	5/8	Beading Cutter
20	3/4	Beading Cutter
21	1 5/8	Sash Cutter
23	1/4	Tonguing Cutter
24	3-16	Tonguing Cutter

BEADING CUTTERS

Illustrations of Beading Cutters 12 to 20 and cross sections showing exact cut in wood made by each Cutter.



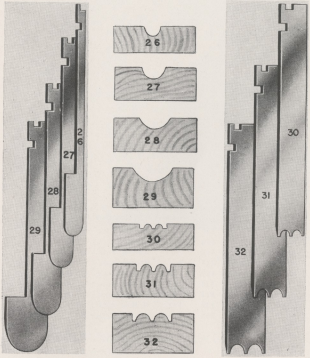
Other Cutters for Planes 1080 are illustrated on page 584.

Cutters for Planes No. 1085

Other Cutters for Planes 1085 are illustrated on pages 584 and 586.

CAN BE FURNISHED TO ORDER FOR PLANES 1080 AND 1080PB

REVERSE BEADING AND REEDING



Above are illustrations of Reverse Beading Cutters **26** to **29** and Reeding Cutters (2 Beads) **30** to **32** and cross sections showing exact cut in wood made by each Cutter.

NOTE:—The Cutters in the above illustration are packed regularly with Planes **1085** but not with **1080** and **1080PB.** If desired for the latter they must be ordered special.

Cutters 26 to 32 are packed regularly with Plane 1085

Nos.	Inch	Description
26	1/4	Reverse Beading Cutter
27	3/8	Reverse Beading Cutter
28	1/2	Reverse Beading Cutter
29	3/4	Reverse Beading Cutter
30	1/4	Reeding Cutter, 2 Beads
31	3-16	Reeding Cutter, 2 Beads
32	1/4	Reeding Cutter, 2 Beads

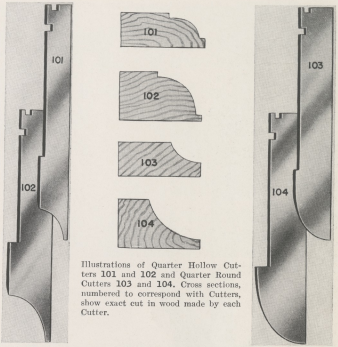
Cutters 101 to 114 are packed regularly with Plane 1085

Nos.	Inch	Description
101	1/2	Quarter Hollow
102	3/4	Quarter Hollow
103	5/8	Quarter Round
104	7/8	Quarter Round
105	1/2	Reverse Ogee
106	3/4	Reverse Ogee
107	1	Reverse Ogee
108	5/8	Roman Ogee
109	7/8	Roman Ogee
110	1/2	Quarter Round with Bead
111	7/8	Quarter Round with Bead
112	1/2	Grecian Ogee
113	3/4	Grecian Ogee
114	1	Grecian Ogee

See following page for other Cutters for Planes 1085.

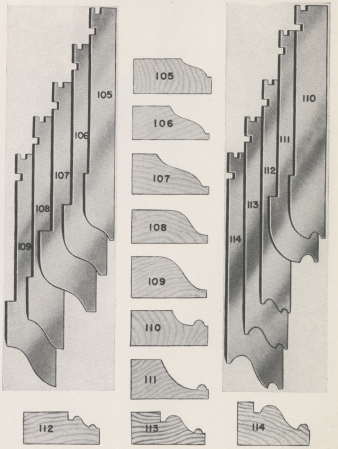
CUTTERS FOR PLANE NO. 1085 ONLY

QUARTER HOLLOW AND QUARTER ROUND



Illustrations of Quarter Hollow Cutters **101** and **102** and Quarter Round Cutters **103** and **104.** Cross sections, numbered to correspond with Cutters, show exact cut in wood made by each Cutter.

REVERSE OGEE, ROMAN OGEE, GRECIAN OGEE AND QUARTER ROUND WITH BEAD



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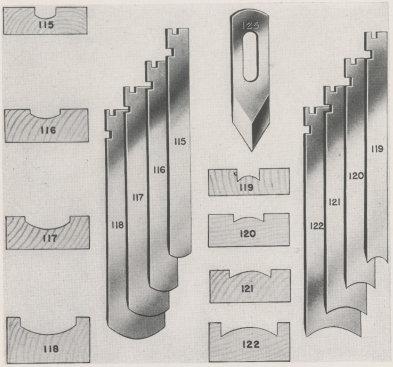
Illustrations of Reverse Ogee Cutters **105** to **107,** Roman Ogee **108, 109,** Quarter Round with Bead **110** and **111,** Grecian Ogee **112, 113** and **114.** Cross sections show exact cut in wood made by each Cutter.

Cutters for Planes No. 1085 only

Other Cutters for Planes 1085 are illustrated on pages 584 and 585.

HOLLOWS AND ROUNDS AND SLITTING CUTTER



Illustrations of Hollow Cutters 115 to 118 and Rounds 119 to 122 and cross sections showing exact cut in wood made by each Cutter.

Note:—Hollows make the wood round. Rounds make the wood hollow.

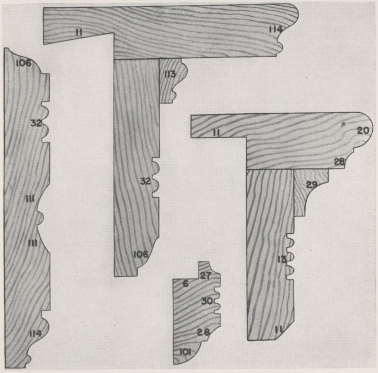
Slitting Cutter 125 is also shown. It is for use only with Planes 1085. Used for cutting through boards, usually thin boards (with the grain), giving a more accurate and quicker result than a rip saw. For thick boards, cut partly through on one side and complete cut on other side of board.

Cutters Nos. 115 to 122 and 125 are packed regularly with Plane 1085.

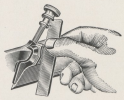
Nos.	Inch	Description
115	5/8	Round, cuts 1/2″ circle
116	1/2	Round, cuts 1″ circle
117	3/4	Round, cuts 1 1/2″ circle
118	1	Round, cuts 2″ circle
119	1/4	Hollow, cuts 1/2″ circle
120	1/2	Hollow, cuts 1″ circle
121	3/4	Hollow, cuts 1 1/2″ circle
122	1	Hollow, cuts 2″ circle
125	...	Slitting Cutter

Blanks for cutters and special cutters (suitable for various types of work), not included in foregoing, will be furnished to order at reasonable price. Drawing with full description and measurements of cutter is required where special cutter is ordered.

MOULDINGS AND CUTS MADE BY PLANES NO. 1085



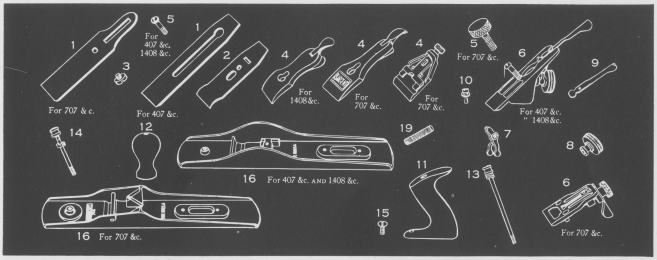
Illustrations of cross sections show exact cuts in wood made by using Plane 1085. Numbers on cross sections indicate Cutters to be used to obtain various cuts.



How to insert Cutters

In putting cutter in position, first (holding it at an angle) insert prong at top in depression under Adjusting Nut so that Nut enters slot then push cutter into position (See illustration).

Parts for Bench Planes

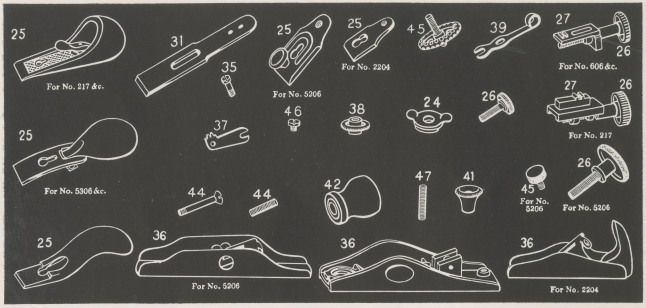


*Asterisks indicate parts applying to Plane

No. of Part	FOR PLANES NOS.	407	408, 408C 409, 409C 1408 1409, 1409C	410, 410C 414, 414C 1414, 1414C	411 411C	415 415C	418 418C	422 422C	424 424C	707 708, 708C 710, 710C	714 714C	718, 718C 722, 722C
1	Single Steel Cutter	*	*	*	*	*	*	*	*	*	*	*
2	Cap for Steel Cutter	*	*	*	*	*	*	*	*			
3	Cap Screw	*	*	*	*	*	*	*	*			
4	Clamp	*	*	*	*	*	*	*	*	*	*	*
5	Clamp Screw	*	*	*	*	*	*	*	*	*	*	*
6	Frog Complete	*	*	*	*	*	*	*	*	*	*	*
7	Adjusting Fork	*	*	*	*	*	*	*	*			
8	Adjusting Nut	*	*	*	*	*	*	*	*			
9	Lateral Adjusting Lever & Rivet	*	*	*	*	*	*	*	*			
10	Frog Screw and Washer	*	*	*	*	*	*	*	*	*	*	*
11	Handle	*	*	*	*	*	*	*	*	*	*	*
12	Knob	*	*	*	*	*	*	*	*	*	*	*
13	Handle Bolt and Washers	*	*	*	*	*	*	*	*	*	*	*
14	Knob Bolt and Washers	*	*	*	*	*	*	*	*	*	*	*
15	Handle Screw			*		*	*	*	*	*	*	*
16	Bottom	*	*	*	*	*	*	*	*	*	*	*
19	Adjusting Nut Bolt	*	*	*	*	*	*	*	*			
20	Double Steel Cutter, with Cap Screw (Parts 1, 2 and 3)	*	*	*	*	*	*	*	*			

In ordering specify number of Part and number of Plane for which Part is wanted

Parts for Block and Miscellaneous Planes

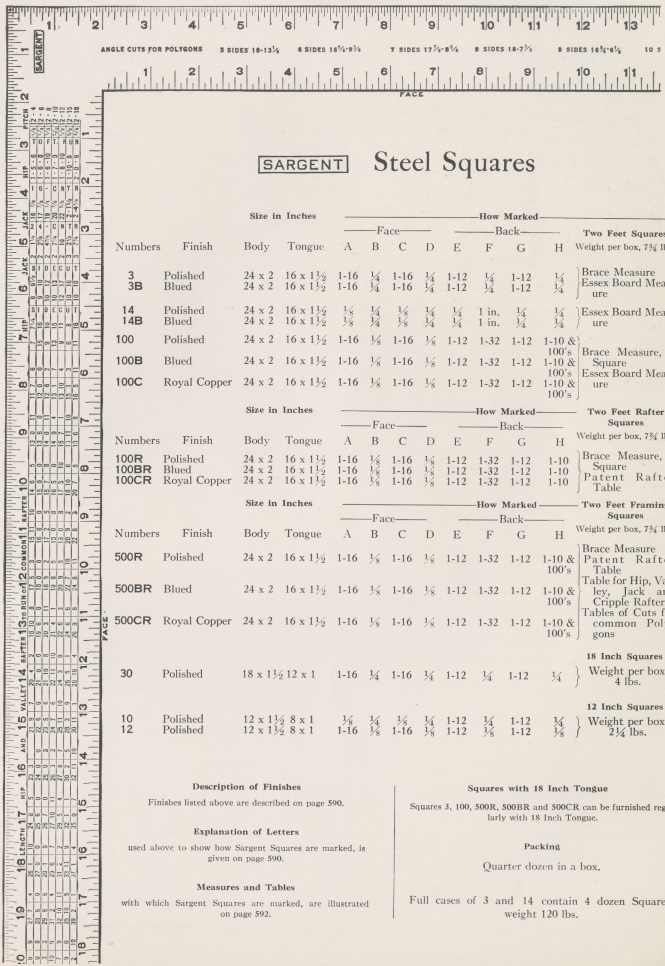


*Asterisks indicate parts applying to Plane

Number of Part	FOR PLANES NOS.	104	105	106	107 1107	206	208	217	227
25	Clamp	*	*	*	*	*	*	*	*
26	Adjusting Screw							*	
27	Slide							*	
31	Steel Cutter	*	*	*	*	*	*	*	*
35	Clamp Screw	*	*					*	
36	Bottom	*	*	*	*	*	*	*	*
37	Adjusting Lever					*	*		
38	Adjusting Nut					*	*		
41	Knob				*		*	*	*
44	Knob or Handle Screw				*			*	*
45	Clamp Set Screw			*	*	*	*		*
47	Headless Machine Screw					*	*		

Number of Part	FOR PLANES NOS.	306 307	505	507	606 607	2204	5206	5306 5307	5607
18	Top Casting		*						
24	Cam	*			*			*	*
25	Clamp	*	*	*	*	*	*	*	*
26	Adjusting Screw			*	*	*	*		*
27	Slide			*	*				*
31	Steel Cutter	*	*	*	*	*	*	*	*
35	Clamp Screw	*	*	*	*	*	*	*	*
36	Bottom	*		*	*	*	*	*	*
37	Adjusting Lever	*						*	
38	Adjusting Nut	*						*	
39	Lateral Adjustment	*						*	
41	Knob	*			*			*	*
42	Knob Handle			*					
44	Knob or Handle Screw			*	*			*	*
45	Clamp Set Screw					*	*		
46	Filletster Head Screw	*						*	
47	Headless Machine Screw	*						*	

In ordering specify number of Part and number of Plane for which Part is wanted



SARGENT Steel Squares

Numbers	Finish	Size in Inches Body	Tongue	How Marked — Face A	B	C	D	Back E	F	G	H	
												Two Feet Squares Weight per box, 7¾ lbs.
3	Polished	24 x 2	16 x 1½	1-16	¼	1-16	¼	1-12	¼	1-12	¼	Brace Measure
3B	Blued	24 x 2	16 x 1½	1-16	¾	1-16	¾	1-12	¼	1-12	¾	Essex Board Measure
14	Polished	24 x 2	16 x 1½	⅛	¼	⅛	¼	¼	1 in.	¼	¼	Essex Board Measure
14B	Blued	24 x 2	16 x 1½	⅛	¾	⅛	¾	¼	1 in.	¼	¾	
100	Polished	24 x 2	16 x 1½	1-16	⅛	1-16	⅛	1-12	1-32	1-12	1-10 & 100's	Brace Measure, 8 Square
100B	Blued	24 x 2	16 x 1½	1-16	⅛	1-16	⅛	1-12	1-32	1-12	1-10 & 100's	Essex Board Measure
100C	Royal Copper	24 x 2	16 x 1½	1-16	⅛	1-16	⅛	1-12	1-32	1-12	1-10 & 100's	

Numbers	Finish	Size in Inches Body	Tongue	How Marked — Face A	B	C	D	Back E	F	G	H	
												Two Feet Rafter Squares Weight per box, 7¾ lbs.
100R	Polished	24 x 2	16 x 1½	1-16	⅛	1-16	⅛	1-12	1-32	1-12	1-10	Brace Measure, 8 Square
100BR	Blued	24 x 2	16 x 1½	1-16	⅛	1-16	⅛	1-12	1-32	1-12	1-10	
100CR	Royal Copper	24 x 2	16 x 1½	1-16	⅛	1-16	⅛	1-12	1-32	1-12	1-10	Patent Rafter Table

Numbers	Finish	Size in Inches Body	Tongue	How Marked — Face A	B	C	D	Back E	F	G	H	
												Two Feet Framing Squares Weight per box, 7¾ lbs.
500R	Polished	24 x 2	16 x 1½	1-16	⅛	1-16	⅛	1-12	1-32	1-12	1-10 & 100's	Brace Measure Patent Rafter Table
500BR	Blued	24 x 2	16 x 1½	1-16	⅛	1-16	⅛	1-12	1-32	1-12	1-10 & 100's	Table for Hip, Valley, Jack and Cripple Rafters
500CR	Royal Copper	24 x 2	16 x 1½	1-16	⅛	1-16	⅛	1-12	1-32	1-12	1-10 & 100's	Tables of Cuts for common Polygons

Numbers	Finish	Body	Tongue	A	B	C	D	E	F	G	H	
												18 Inch Squares
30	Polished	18 x 1½	12 x 1	1-16	¼	1-16	¾	1-12	¼	1-12	¼	Weight per box, 4 lbs.
												12 Inch Squares
10	Polished	12 x 1½	8 x 1	⅛	¼	⅛	¼	1-12	¼	1-12	¼	Weight per box, 2¼ lbs.
12	Polished	12 x 1½	8 x 1	1-16	⅛	1-16	⅛	1-12	⅛	1-12	⅛	

Description of Finishes

Finishes listed above are described on page 590.

Explanation of Letters

used above to show how Sargent Squares are marked, is given on page 590.

Measures and Tables

with which Sargent Squares are marked, are illustrated on page 592.

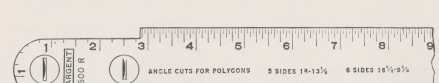
Squares with 18 Inch Tongue

Squares 3, 100, 500R, 500BR and 500CR can be furnished regularly with 18 Inch Tongue.

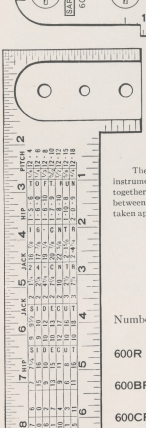
Packing

Quarter dozen in a box.

Full cases of 3 and 14 contain 4 dozen Squares; weight 120 lbs.



Steel Squares



Patent 1615013

TAKE-DOWN

The SARGENT Take-Down Steel Square is made with Screw Locking Device easily operated by screw driver or coin or any instrument that will nt slot in screws. It is put together by placing the end of the tongue in a beveled seat on body of square and is held together by two self-contained binding screws. Dowel pin, located between the two screws, insures perfect alignment. Slight clearance between body and tongue when locked takes up any slight wear and screws are case-hardened to withstand hard usage. Square can be taken apart easily even if rusted, as tongue lifts out of seat in body when screws are loosened. No parts to lose as screws are self-contained.

Numbers	Finish	Size in Inches: Body	Tongue	How Marked: Face A	Face B	Face C	Face D	Back E	Back F	Back G	Back H	
600R	Polished	24 x 2	16 x 1¾	1-16	1/8	1-16	1/8	1-12	1-32	1-12	1-10 & 100's	Brace Measure and Patent Rafter Table
600BR	Blued	24 x 2	16 x 1¾	1-16	1/8	1-16	1/8	1-12	1-32	1-12	1-10 & 100's	Table for Hip, Valley, Jack and Cripple Rafters
600CR	Royal Copper	24 x 2	16 x 1¾	1-16	1/8	1-16	1/8	1-12	1-32	1-12	1-10 & 100's	Table of Cuts for common Polygons

Each Square in an Enameled Water-proof Case

One twelfth dozen in a box. Weight per box, 3⅜ lbs.

Description of Finishes

Terminal Letters used with numbers indicate finish

No Terminal—POLISHED—Highly Polished Steel.

Terminal C—ROYAL COPPER FINISH—A very handsome and durable finish made by special process. Lettering and markings are white enameled and easily read.

Terminal B—BLUED—White Enameled Figures and Marks. These squares are blued by special process and marks and figures are enameled.

Terminal VG—GALVANIZED—Red Enameled Figures and Marks. These squares are polished and galvanized, the most effective preventative against rust.

Sargent Squares can be furnished only in finishes listed above.

Explanation of Letters

Used above and on pages 589 & 591 to show how Sargent Squares are marked

Face of Square:	Back of Square:
A. Face of Body, Outside.	E. Back of Body, Outside.
B. Face of Body, Inside.	F. Back of Body, Inside.
C. Face of Tongue, Outside.	G. Back of Tongue, Outside.
D. Face of Tongue, Inside.	H. Back of Tongue, Inside.

"Face" of Square is side upon which we stamp our name. Reverse side is the "Back." Larger arm is the "Body" and shorter arm the "Tongue."

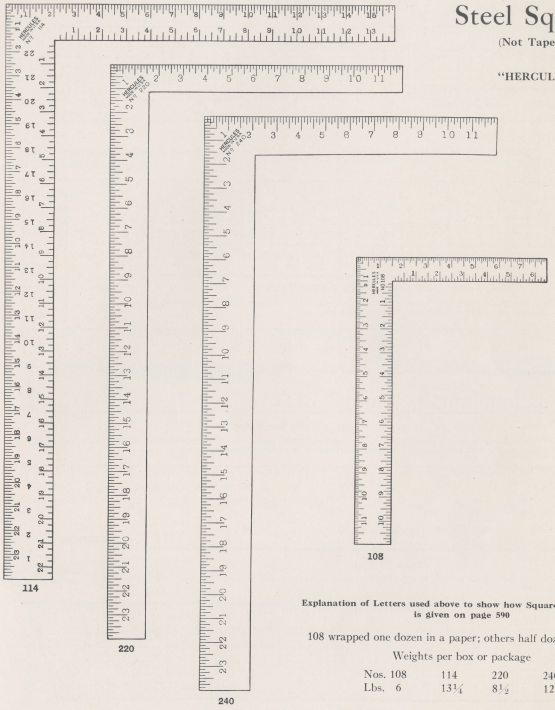
Measures and Tables

with which Sargent Squares are marked, are illustrated on page 592.

Steel Squares

(Not Tapered)

"HERCULES"



Explanation of Letters used above to show how Squares are marked; is given on page 590

108 wrapped one dozen in a paper; others half dozen in a box.

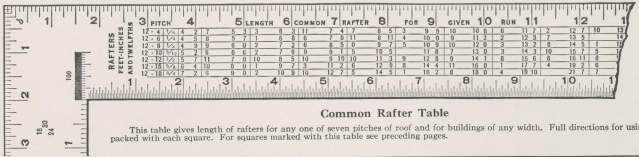
Weights per box or package

Nos.	108	114	220	240
Lbs.	6	13¼	8½	12⅝

Full cases contain: No. 220, 8 dozen, weight 148 lbs.; No. 240, 8 dozen, 215 lbs.

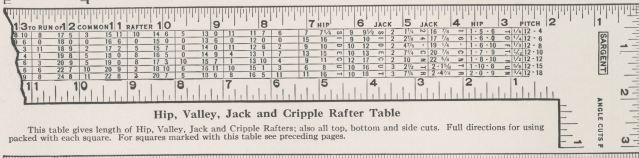
Numbers	Size in Inches		How Marked								
			Face				Back				Two Feet Squares
	Body	Tongue	A	B	C	D	E	F	G	H	
108	12 x 1½	8 x 1	1-12	⅛	1-12	⅛	..	..	..	..	Markings in Face only.
114	24 x 2	16 x 1½	⅛	¼	⅛	¼	¼	1 in.	¼	¼	Essex Board Measure.
220	24 x 1½	12 x 1	..	..	..	..	..	..	..	..	Marked in 1-8ths on both sides.
240	24 x 2	12 x 1½	..	..	..	..	..	..	..	..	Marked in 1-8ths on both sides.

Steel Squares



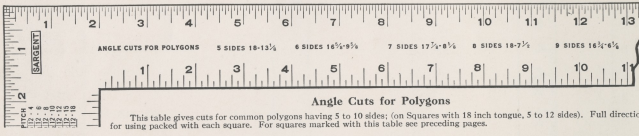
Common Rafter Table

This table gives length of rafters for any one of seven pitches of roof and for buildings of any width. Full directions for using packed with each square. For squares marked with this table see preceding pages.



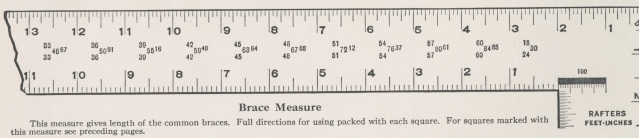
Hip, Valley, Jack and Cripple Rafter Table

This table gives length of Hip, Valley, Jack and Cripple Rafters; also all top, bottom and side cuts. Full directions for using packed with each square. For squares marked with this table see preceding pages.



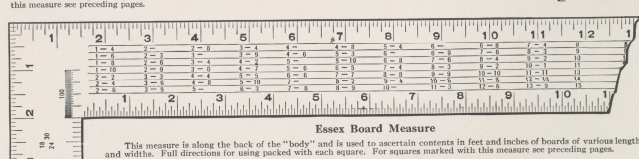
Angle Cuts for Polygons

This table gives cuts for common polygons having 5 to 10 sides; (on Squares with 18 inch tongue, 5 to 12 sides). Full directions for using packed with each square. For squares marked with this table see preceding pages.



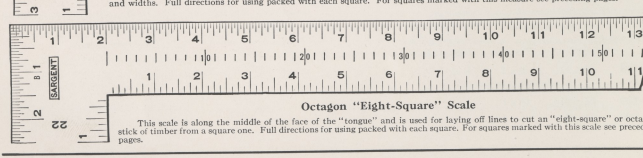
Brace Measure

This measure gives length of the common braces. Full directions for using packed with each square. For squares marked with this measure see preceding pages.



Essex Board Measure

This measure is along the back of the "body" and is used to ascertain contents in feet and inches of boards of various lengths and widths. Full directions for using packed with each square. For squares marked with this measure see preceding pages.



Octagon "Eight-Square" Scale

This scale is along the middle of the face of the "tongue" and is used for laying off lines to cut an "eight-square" or octagon stick of timber from a square one. Full directions for using packed with each square. For squares marked with this scale see preceding pages.

Tack Claws

HERCULES

Length over all, 6¾ Inches

No. 10 — Long Shank, Polished

Weight per box, 1½ lbs.

Steel, Nickel-Plated Ferrule

Length over all, 6 Inches

No. 46 — Flat Polished Steel Blade, Riveted Tang; Black Handle

Weight per box, 1½ lbs.

One dozen in a box.

Ladies' Hammers

HERCULES

Adz Eye

An Adz Eye Tack and Claw Hammer combined, intended for the household and especially for Ladies' use, weighing in all 6 ounces.

Tack and Claw Hammer Combined

Length of Head, 3½ Inches. Length over all, 10¾ Inches.

CAST IRON

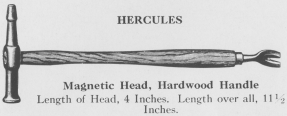
No. 260 — Full Polished, Hardwood Handle

No. N260 — Nickel Plated, Hardwood Handle

One dozen in a box. Weight per box, 4⅝ lbs.

Tack Hammers

HERCULES



Magnetic Head, Hardwood Handle

Length of Head, 4 Inches. Length over all, 11½ Inches.

No. 9 — Nickeled

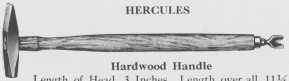
No. 19 — Japanned

No. 1—Without Ferrule. Head and Claw Cadmium Plated.

One dozen in a box. Weight per box, 4½ lbs.

Full cartons of No. 9 contain 12 dozen Hammers, weight 51 lbs.

HERCULES



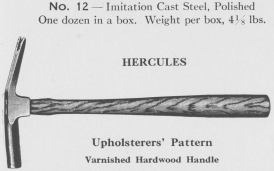
Hardwood Handle

Length of Head, 3 Inches. Length over all, 11¼ Inches.

No. 12 — Imitation Cast Steel, Polished

One dozen in a box. Weight per box, 4⅛ lbs.

HERCULES



Upholsterers' Pattern

Varnished Hardwood Handle

Length of Head, 5⅜ Inches. Length over all, 10¼ Inches.

No. 100 — Highly Polished Head, Fine Finish

No. N100 — Nickel Plated Head, Fine Finish

Weight per box, 4½ lbs.

One dozen in a box.

SARGENT

Magnetic Head, Varnished Hardwood Handle

Length of Head, 3¾ Inches. Length over all, 12 Inches.

No. 122 — Highly Polished Head

Weight per box, 4½ lbs.

Two-Pole Magnet

Nos. 122 and **132** are packed with a disk or armature on the magnetic end of the hammer.

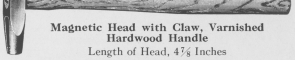
In the "Two-point" magnet, as in the familiar Horse-shoe magnet, both poles are used at the same time. This gives twice the strength of the bar magnet in which the magnetized ends are used separately and there is less loss through dissipation of the magnetic strength, resulting in much longer life for the magnet.

When armature is in place there is practically no loss of magnetism.

122 is adapted for use where continuous hammering is needed as in upholstering. The magnetism does not interfere with driving of tacks as the hammering end of the head is not magnetized.

132 is adapted for heavier work and has the advantage of the claw.

SARGENT



Magnetic Head with Claw, Varnished Hardwood Handle

Length of Head, 4⅞ Inches

Length over all, 12 Inches

No. 132 — Highly Polished Head

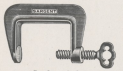
Weight per box, 6 lbs.

Half dozen in a box.

Full cartons of No. 122 contain 12 dozen.

Weight 57 lbs.

Cabinet Clamps



1, 2 and 3
Quarter Size of 2

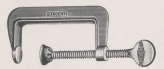
Japanned

No. 1 — Opens 2¼ Inches
No. 2 — Opens 2¼ Inches Heavy
No. 3 — Opens 3⅝ Inches Heavy

Ball and Socket Head on Screw

32 and 33
Quarter Size of 32

Cast Iron Screw
Japanned
No. 32 — Opens 1⅞ Inches
No. 33 — Opens 2¾ Inches
Cadmium Plated
No. W32 — Opens 1⅞ Inches
No. W33 — Opens 2¾ Inches



132, 133
Quarter Size of 133

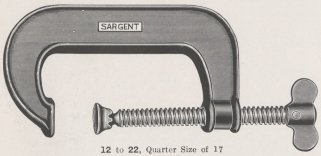
Steel Screw
Japanned
No. 132 — Opens 1⅞ Inches
No. 133 — Opens 2¾ Inches
Cadmium Plated
No. W132 — Opens 1⅞ Inches
No. W133 — Opens 2¾ Inches

One dozen in a box.

Numbers	1	2	3	32, W32	33, W33	132, W132	133, W133
Wgt. per box	2⅝	3¾	7	4¼	5	4¼	5 lbs.

Malleable Iron "C" Clamps

Designed for use in Woodwork

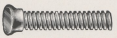


12 to 22, Quarter Size of 17

Malleable Iron, Steel Screw. Ball and Socket Swivel

Nos.	12	13	14	15	16
Opens	2½	3	4	5	6 inches
Weight per box	11¼	6½	8⅝	12⅝	17 lbs.
Nos.	**17**	**18**	**20**	**22**	
Opens	7	8	10	12 inches	
Weight each	2¾	3¼	5½	7½ lbs.	

12, one dozen in a box; 13, 14, 15 and 16, half dozen; 17 to 22 are loose.



Screw and Swivel of 12½ to 22½

Malleable Iron, Steel Screw

Nos.	12½	13½	14½	15½	16½
Opens	2½	3	4	5	6 Inches
Weight per box	10½	6½	7¾	12¼	16½ lbs.
Nos.	**17½**	**18½**	**20½**	**22½**	
Opens	7	8	10	12 Inches	
Weight each	2¾	3¼	5½	7½ lbs.	

12½, one dozen in a box; 13½, 14½, 15½ and 16½, half dozen; 17½ to 22½ are loose.

Chair Screws

PIANO STOOL SCREWS

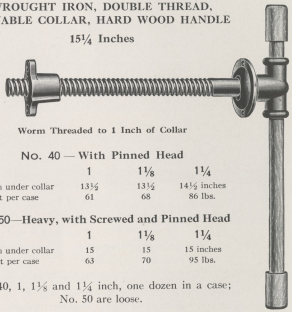
Wrought Iron Screw, Square Thread

Nos.	20	21
Diameter of Screw	7-8	1 Inch
Weight, each	2	2¾ lbs.

Bench Screws

WROUGHT IRON, DOUBLE THREAD, MOVABLE COLLAR, HARD WOOD HANDLE

15¼ Inches



Worm Threaded to 1 Inch of Collar

No. 40 — With Pinned Head

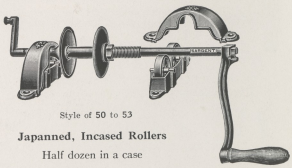
Inch	1	1⅛	1¼
Length under collar	13½	13½	14½ inches
Weight per case	61	68	86 lbs.

No. 50—Heavy, with Screwed and Pinned Head

Inch	1	1⅛	1¼
Length under collar	15	15	15 inches
Weight per case	63	70	95 lbs.

No. 40, 1, 1⅛ and 1¼ inch, one dozen in a case; No. 50 are loose.

Grindstone Fixtures



Style of 50 to 53

Japanned, Incased Rollers

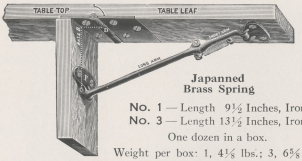
Half dozen in a case

Numbers	Length of Shaft Inches	Suitable for Thickness of Stone Inches	Weight Per Case Lbs.
50	24	2¼ to 5	64
51	19	2¼ to 4¾	45
52	17	2 to 4¼	41
53	15	1½ to 3½	41

Separate Parts

For Nos.	50	51	52	53
Shafts and Nuts		Cases or Carriages		
Nuts		Caps		
Flanges		Cranks or Handles		
Wheels (4 to a set)				

Table-Leaf Supports



Japanned
Brass Spring

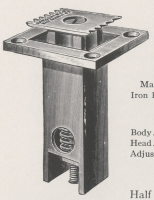
No. 1 — Length 9½ Inches, Iron
No. 3 — Length 13½ Inches, Iron

One dozen in a box.

Weight per box: 1, 4¼ lbs.; 3, 6⅝ lbs.

Full cartons No. 1 contain 12 dozen, weight, 52 lbs.

Bench Hooks



Half Size of **41**

For use on Work Benches to Hold wood in position

Malleable Iron Top, Polished Face, Cast Iron Body, Malleable Iron Post.

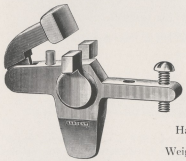
Length over all, 3¾ Inches

Body	1 1-16 x 1 1-16 Inches
Head	2 1-16 x 2 5-16 Inches
Adjustment	5-8 Inches

No. 41 — Polished Face

Half dozen in a box. Weight 4¾ lbs.

Saw Sets



Half Size of **1**

Aiken's Pattern

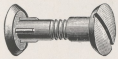
No. 1

Highest Grade of Cast Steel, Galvanized.

Half dozen in a box.

Weight per box, 3½ lbs.

Saw Screws



21 and **22** Full Size of **21**

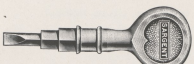
Brass

23 and **24** Full Size of **23**

Nos.	21	22	23	24
Weight per large box,	2	2½	2	2½ lbs.

One twelfth gross in a box, six boxes in a large box.

Screw Drivers



Cast Aluminum Handle and Capped Ferrule, Square Shank for 3-16, 5-16 and 3-8 Inch Hubs.

No. 100 — Highly Finished, Refined Tool Steel
Half dozen in a box. Weight per box, ¾ lbs.

Plumb Bobs

Hexagon Steel, Nickel Plated
Brass Screw Top

No. 206 — Weight 6 ounces each
No. 208 — Weight 8 ounces each
No. 212 — Weight 12 ounces each

Half dozen in a box.

Cast Brass, Lead Filled, Steel Pointed, Screw Top

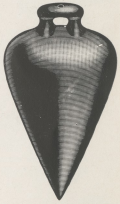
No. 5 — Weight 6 ounces each
No. 6 — Weight 11½ ounces each
No. 8 — Weight 16 ounces each

Half dozen in a box.

Iron
Adjusted Top

No. 2 — Weight 9½ ounces each

One dozen in a box.



Iron
Extra Heavy
Adjusted Top

No. 21 — Weight 1 pound each
No. 22 — Weight 2 pounds each
No. 23 — Weight 3 pounds each

21, half dozen in a box; other numbers are loose.

Iron
Adjusted Top

Japanned

No. 28 — Weight 6 ounces each
No. 29 — Weight 9 ounces each
No. 30 — Weight 12 ounces each
No. 31 — Weight 18 ounces each

Nickel Plated

No. N28 — Weight 6 ounces each
No. N29 — Weight 9 ounces each
No. N30 — Weight 12 ounces each
No. N31 — Weight 18 ounces each

28 and N28, one dozen in a box; other numbers half dozen.

Saw Vises

100

9½ Inch Jaws, Polished Face

No. 100 — Japanned, 8 Inches in height

Weight each 3 lbs.

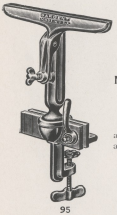
90

9½ Inch Jaws, Polished Face

No. 90 — Japanned, 8 Inches in height
4¾ Inches from Bench.

A Stationary Vise with Screw Clamp for fastening to Bench.

Weight each 3¾ lbs.


95

9½ Inch Jaws

No. 95 — Japanned, 13½ In. in height
10 Inches from Bench.

With Screw Clamp for fastening to Bench, Ball and Socket Adjustment for holding Vise at any angle.

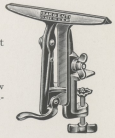
Weight each 7 lbs.

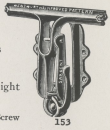
9½ Inch Jaws

No. 93 — Japanned, 9 Inches in height
6 Inches from Bench.

Wearing parts of malleable iron, with Screw Clamp for fastening to Bench and Screw Adjustment for holding Vise at any angle.

Weight each 4¾ lbs.


93


153

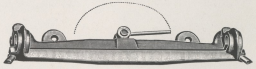
Wentworth Improved Pattern
Noiseless. Rubber Cushion Jaws
11 Inch Jaws, Polished Face

No. 153 — Japanned, 9½ Inches in height
6½ Inches from Bench.

With Screw Clamp for fastening to Bench and Screw Adjustment for holding Vise at any angle.

Weight each 7 lbs.

IMPROVED MODEL
Noiseless. Rubber Cushion Jaws



A sturdy, compact vise, light and convenient for carrying and also suitable for bench work. The cam and lever lock is positive and will securely hold any Saw up to ¼ Inch thick.

12 Inch Jaws

No. 80 — Japanned, Length over all 12¼ Inches

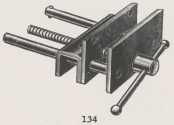
One in a box. Weight 2¾ lbs.

Home-Woodworkers Bench Vise

Width of Jaws, 5½ Inches

Depth of Jaws, 1⅝ Inches

Jaws Open, 4½ Inches


134

No. 134

All Steel

Finished in Green Enamel

One in a box, packed with screws. Weight per box, 4¾ lbs.
Twelve in a carton. Weight per carton, 60 lbs.

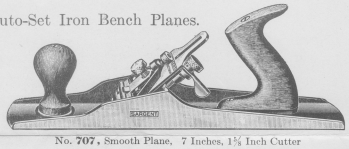
Why not ask our representative for prices on this very complete line of QUALITY PLANES

Adjustable Iron Planes.

Iron Bench Planes.

Smooth Bottom	Corrugated Bottom						
No. 407,		Smooth Plane,	7	Inches,	1⅝	Inch	Cutter
No. 408,	No. 408 C,	"	"	8	"	1¾	"	"
No. 409,	No. 409 C,	"	"	9	"	2	"	"
No. 410,	No. 410 C,	"	"	10	"	2⅜	"	"
No. 411,	No. 411 C,	Jack	"	11½	"	1¾	"	"
No. 414,	No. 414 C,	"	"	14	"	2	"	"
No. 415,	No. 415 C,	"	"	15	"	2¼	"	"
No. 418,	No. 418 C,	Fore	"	18	"	2⅜	"	"
No. 422,	No. 422 C,	Jointer	"	22	"	2⅜	"	"
No. 424,	No. 424 C,	"	"	24	"	2⅝	"	"

Auto-Set Iron Bench Planes.



No. **707**, Smooth Plane, 7 Inches, 1⅝ Inch Cutter
No. **708**, " " 8 " 1¾ " "
No. **710**, " " 10 " 2 " "
No. **714**, Jack " 14 " 2 " "

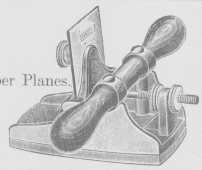
Adjustable Box Scrapers.

No. **50**, Japanned Finish, 13 Inches, 2 In. Cutter, with Rounded Edge.

Adjustable Iron Floor Scrapers.

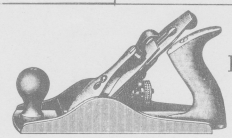
No. **52**, Japanned Finish, 9 Inches, 3½×3½ Inch Cutter

Scraper Planes.



No. **42**, Polished Trimmings, 3 Inch Cutter
No. **43**, " " Wood Face, 3 Inch Cutter

Hercules Iron Planes



Smooth Bottom	Corrugated Bottom	
	Smooth Planes	
No. **1408**		8 Inches, 1¾ Inch Cutter
No. **1409**	**1409C**	9 Inches, 2 Inch Cutter
	Jack Planes	
No. **1414**	**1414C**	14 Inches, 2 Inch Cutter

Block Plane.

No. **1107**, Japanned Finish, 7 Inches, 1⅝ Inch Cutter

Nos.	Cost	Selling Price
42		
43		
50		
52		
79		
81		
104		
105		
106		
107		
206		
208		
217		
227		
306		
307		
407		
408		
408C		
409		
409C		
410		
410C		
411		
411C		
414		
414C		
415		
415C		
418		
418C		
422		
422C		
424		
424C		
505		
507		
606		
607		
707		
708		
710		
714		
1066		
1067		
1068		
1080		
1107		
1408		
1409		
1409C		
1414		
1414C		
2204		
5206		
5306		
5307		
5607		

Iron Block Planes.

No. **104**, Japanned Finish, 3½ Inches, 1 Inch Cutter

With Handle.
No. **105**, Japanned Finish, 3½ Inches, 1 Inch Cutter

No. **106**, Japanned Finish, 5½ Inches, 1⅝ Inch Cutter

Mahogany Knob.
No. **107**, Japanned Finish, 7½ Inches, 1⅝ Inch Cutter

No. **206**, Japanned Finish, 5½ Inches, 1⅝ Inch Cutter

With Screw Adjustment.

No. **208**, Japanned Finish, 7½ Inches, 1⅝ Inch Cutter

With Screw Adjustment. Mahogany Knob.

No. **217**, Japanned Finish, 7½ Inches, 1⅝ Inch Cutter

Double Block Planes.

Mahogany Knob.
No. **227**, Japanned Finish, 7¾ Inches, 1⅝ Inch Cutter

No. **306**, 6 Inches, 1⅝ Inch Cutter
No. **307**, 7 " 1⅝ " "

Knuckle Joint.

No. **5306**, 6 Inches, 1⅝ Inch Cutter
No. **5307**, 7 " 1⅝ " "

Low Angle Iron Block Planes.

No. **606**, 6 Inches, 1⅝ Inch Cutter
No. **607**, 7 " 1⅝ " "

Knuckle Joint.

No. **5607**, 7 Inches, 1⅝ Inch Cutter

Adjustable All-Steel Block Planes.

(Pocket Plane)

No. **2204, Cadmium Plated.** 4¼ Inches, 1⅛ Inch Cutter

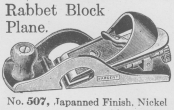
Low Angle

No. **5206, Cadmium Plated.** 6 Inches, 1⅝ Inch Cutter

Bull-Nose Rabbet Plane.

No. **505**, Japanned Finish, 4 Inches, 1 Inch Cutter

Rabbet Block Plane.



No. **507**, Japanned Finish, Nickel Plated Clamp, 7 In., 1⅞ In. Cutter

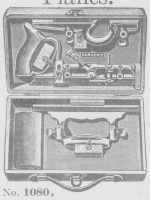
Rabbet and Filletster Plane.

No. **79**, Japanned Finish, 8⅛ Inches, 1⅝ Inch Cutter

Side Rabbet Plane.

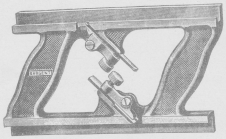
No. **81**, Nickel Plated, 4¼ Inches, Two ½ Inch Cutters

Combination Planes.



No. **1080**, Nickel Plated. 10¾ Inches, complete with 25 Cutters

Double Side Matching Planes.



No. **1066**, Japanned Finish, 8⅞ Inches, for Matching ⅜ Inch Board
No. **1067**, " " 8⅞ " " " ⅝ " "
No. **1068**, " " 8⅞ " " " ⅞ " "

SARGENT

REG. U.S. PAT. OFF.

New Haven, Conn.

Garden Hooks

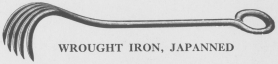
NAIL CLAWS

MALLEABLE IRON, WOOD HANDLE

2

No. 2 — Japanned, 15 Inches
Weight per box, 3¼ lbs.
Half dozen in a box

Wrought Nail Claws

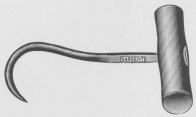


WROUGHT IRON, JAPANNED

0 and 1

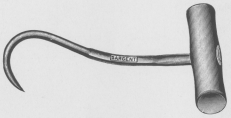
No. 0 — Japanned, 12 Inches
No. 1 — Japanned, 17 Inches
Weight each, 0, 1⅛ lb.; 1, 1¼ lb.
Loose, not packed

Box Hooks



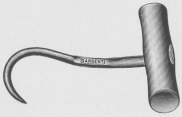
Quarter Size of 2

Length over all, 7¼ Inches
Length of Handle, 5¼ Inches. Diameter of Hook, ⅜ Inch
No. 2 — Bright Finish, White Hardwood Handle
Weight per box, 5½ lbs.



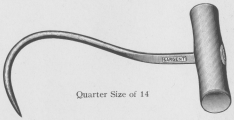
Quarter Size of 15

Length over all, 9 Inches
Length of Handle, 5¼ Inches. Diameter of Hook, ⅜ Inch
No. 15 — Bright Finish, White Hardwood Handle
Weight per box, 6¾ lbs.



Quarter Size of 13

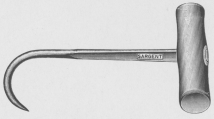
Length over all, 7¼ Inches
Length of Handle, 5¼ Inches. Diameter of Hook, ⅜ Inch
No. 13 — Bright Finish, White Hardwood Handle
Weight per box, 5¾ lbs.



Quarter Size of 14

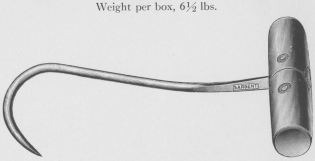
HAY HOOKS

Length over all, 8¼ Inches
Length of Handle, 5¼ Inches. Diameter of Hook, ⅜ Inch
No. 14 — Bright Finish, White Hardwood Handle
Weight per box, 6½ lbs.



Quarter Size of 10

Length over all, 8½ Inches
Length of Handle, 5¼ Inches. Diameter of Hook, ⅜ Inch
No. 10 — White Hardwood Handle
Weight per box, 6½ lbs.



Quarter Size of 18

Length over all, 12¾ Inches
Length of Handle, 7 Inches. Diameter of Hook, ⅜ Inch
No. 18 — Polished Black Hardwood Handle
Weight per box, 6¼ lbs.

18, half dozen in a box; all others, one dozen