



MELHUISSH'S

No. 21

CATALOGUE

of

WOOD WORKERS'
TOOLS

MACHINES

AND GENERAL

CONTRACTORS'

APPLIANCES, Etc.

ENQUIRE

WITHIN

AWARDS

1854



1870



GOLD
MEDAL

BRONZE
MEDAL

FOR EXCELLENCE
OF TOOLS & MACHINES.

Nos. 50, 51, 34, FETTER LANE,
HOLBORN CIRCUS, LONDON, E.C.

Established 1828.

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Foreign and Colonial Parcel Post.

These Rates are approximate only, and we are not responsible for Postal alterations at any time.

Place of Destination.	Rates of Postage from the United Kingdom.	Limits of Size, Length, Breadth, or Depth.	Length and Girth Combined.	Place of Destination.	Rates of Postage from the United Kingdom.	Limits of Size, Length, Breadth, or Depth.	Length and Girth Combined.
	3 7 11 lb.	feet.	feet.		3 7 11 lb.	feet.	feet.
Abyssinia ...	4/6 4/6 4/6	2	4	Hong Kong ...	1/- 2/- 3/-	3½	6
Aden ...	1/- 2/- 3/-	3½	6	India ...	1/- 2/- 3/-	3½	6
Argentine Republic ...	2/- 3/- 4/-	2	—	Italy ...	1/6 2/- 2/6	2	—
Ascension ...	1/- 2/- 3/-	3½	6	Ivory Coast ...	3/- 3/6 4/-	2	4
	Not over 1 lb. 1/-			Jamaica ...	1/- 2/- 3/-	3½	6
Australia ...	For each additional lb. up to 11 lb. 4/6	3½	6	Japan ...	2/- 3/- 4/-	3½	6
Azores ...	1/6 2/- 2/6	3½	6	Labrador ...	(Same as Newfoundland)	—	—
Bahamas ...	1/- 2/- 3/-	3½	6	Labuan ...	(Same as Straits Settlements)	—	—
Barbados ...	1/- 2/- 3/-	3½	6	Leeward Islands ...	1/- 2/- 3/-	3½	6
Basutoland, Bechuana-land ...	(See South Africa—Union of)	—	—	Liberia ...	2/- 3/- 4/-	3½	6
	For the first lb. 1/3			Madagascar ...	3/- 3/6 4/-	2	4
Bechuanaland Protec-torate ...	For every additional lb. or fraction thereof up to 11 lb. 1/3	3½	6	Madeira ...	1/6 2/- 2/6	3½	6
Belgian Congo ...	2/6 3/- 3/6	3½	6	Malay States ...	1/- 2/- 3/-	3½	6
Belgium ...	1/- 1/6 2/-	3½	6	Malta ...	1/- 2/- 3/-	3½	6
Bermuda ...	1/- 2/- 3/-	3½	6	Mashonaland ...	(Same as Rhodesia)	—	—
	(See British North Borneo, Labuan, Sarawak, and Dutch East Indies)	—	—	Mexico ...	1/- 2/6 3/6	2	6
Borneo ...	3/6 4/-	2	4	Morocco ...	1/- 2/- 3/-	3½	6
Brazil ...	Limit of weight 6½ lb. (See Nyasaland Protectorate)	—	—	Mozambique ...	(See Portuguese East Africa)	—	—
British Central Africa				Newfoundland ...	1/- 2/- 3/-	3½	6
British East Africa and Uganda ...	1/- 2/- 3/-	3½	6	New Guinea, British German ...	3/- 3/6 4/-	3½	6
British Guiana ...	1/- 2/- 3/-	3½	6	New Hebrides ...	—	3½	6
British Honduras ...	1/- 2/- 3/-	3½	6	New Zealand ...	3/- 4/6 6/-	3½	6
British North Borneo ...	1/- 2/- 3/-	3½	6	Nicaragua ...	1/- 2/- 3/-	3½	6
British Somaliland ...	1/- 2/- 3/-	3½	6	Nigeria (Northern) ...	1/- 2/- 3/-	3½	6
Cameroons ...	2/3 2/9 3/3	3½	6	Nigeria (Southern) ...	1/- 1/6 2/-	3½	6
Canada ...	1/- 2/- 3/-	3½	6	Norway ...	3/- 4/- 5/-	3½	6
	(See South Africa—Union of)	—	—	Nyasaland Protectorate	(See South Africa—Union of)	—	—
Cape of Good Hope ...	2/- 3/- 4/-	3½	6	Orange Free State ...	2/8 4/-	2	4
Chile ...	2/- 3/- 4/-	2	4	Paraguay ...	(Limit of weight 7 lb.)	—	—
China ...	2/- 3/- 4/-	3½	6	Persia (North) ...	3/9 4/3 4/9	2	—
British Agencies ...	1/- 2/- 3/-	3½	6	Persia (South) ...	2/- 3/- 4/-	3½	6
Colombia ...	2/- 3/- 4/-	3½	6	Peru ...	2/- 3/- 4/-	3½	6
	(See Belgian and French Congo)	—	—	Philippine Islands ...	(Same as U.S.A., Official Service)	—	—
Congo ...	2/- 3/- 4/-	3½	6	Portugal ...	1/6 2/- 2/6	3½	6
Costa Rica ...	2/- 3/- 4/-	2	4	Portuguese East Africa	2/- 2/6 3/-	3½	6
Cuba ...	1/- 2/- 3/-	3½	6	Portuguese India ...	2/- 3/- 4/-	3½	6
Cyprus ...	2/- 3/- 4/-	3½	6	Portuguese West Africa	2/6 3/- 3/6	3½	6
Danish West Indies ...	1/- 1/6 2/-	3½	6		For each lb. or fraction thereof up to 11 lb. 1/9	3½	6
Denmark ...	3/- 4/- 5/-	2	4	Rhodesia ...	2/- 2/6 3/-	3½	6
Dominican Republic ...	3/- 3/6 4/-	3½	6	Russia in Europe ...	1/- 2/- 3/-	3½	6
Dutch East Indies ...	2/- 3/- 4/-	3½	6	St. Helena ...	See Leeward Islands	—	—
Dutch Guiana ...	2/- 3/- 4/-	3½	6	St. Kitts ...	1/- 2/- 3/-	3½	6
Ecuador ...	1/- 1/9 2/6	3½	6	St. Lucia ...	1/- 2/- 3/-	3½	6
Egypt ...	1/- 2/- 3/-	3½	6	St. Vincent (West Indies)	—	3½	6
Falkland Islands ...	Not over 1 lb. 1/-	3½	6	Samoa (Apia) ...	(Same as U.S.A., Official Service)	—	—
	For each additional lb. or fraction thereof up to 11 lb. 4/6	3½	6	Sandwich Islands (Hawaii) ...	1/- 2/- 3/-	3½	6
Fiji Islands ...	2/3 2/9 3/3	3½	6	Sarawak ...	2/3 2/9 3/3	2	4
Finland ...	1/4 1/9 2/2	2	—	Senegal and Upper Senegal and Niger ...	2/- 3/- 4/-	3½	6
France ...	3/- 3/6 4/-	2	4	Seychelles ...	2/- 3/3 4/6	3½	6
French Congo ...	3/- 3/6 4/-	2	4	Siam ...	1/- 2/- 3/-	3½	6
French Guiana ...	5/6 6/- 6/6	2	4	Sierra Leona ...	(See Egypt and Senegal)	—	—
French Settlements of Oceania ...	2/3 2/9 3/3	2	4	Soudan ...	For each lb. or fraction thereof up to 11 lb. 4/6	3½	6
French Somali Coast ...	3/- 3/6 4/-	2	4				
French West Indies ...	1/- 2/- 3/-	3½	6	South Africa—Union of	1/6 2/- 2/6	3½	6
Gambia ...	3/- 3/6 4/-	3½	6	Spain ...	1/- 2/- 3/-	3½	6
German East Africa ...	3/- 3/6 4/-	3½	6	Straits Settlements ...	1/6 2/- 2/6	3½	6
German South-West Africa ...	3/- 3/6 4/-	2	4	Switzerland ...	2/3 2/9 3/3	3½	6
	(Same as U.S.A., Official Service)	—	—	Togoland ...	(See South Africa—Union of)	—	—
Germany ...	1/- 1/6 2/-	3½	6	Transvaal ...	1/- 2/- 3/-	3½	6
Gibraltar ...	1/- 2/- 3/-	3½	6	Trinidad ...	1/- 2/- 3/-	3½	6
Gold Coast Colony ...	1/- 2/- 3/-	3½	6	Turkey ...	2/6 3/- 3/6	3½	6
Grenada ...	1/- 2/- 3/-	3½	6	Smyrna ...	1/6 2/3 3/3	3½	6
Guatemala ...	2/- 3/- 4/-	3½	6	United States of America	3/8 4/1 4/6	2	4
Hawaii (or Sandwich Islands) ...	1/- 1/6 2/-	3½	6	Venezuela ...	1/- 2/- 3/-	3½	6
Holland ...	2/- 3/- 4/-	3½	6	Zanzibar ...			
Honduras ...							

Planes.

MADE OF BEST SELECTED ENGLISH BEECHWOOD, AND FITTED WITH SUPERIOR CAST STEEL CUTTERS.

Our Customers will please note that all our Planes are of the most approved pattern, made only from carefully selected and well-seasoned Beech, cut true with the grain. They will not warp or twist, even after years of use. We recommend them with the utmost confidence as being the best in the trade, both as to material and workmanship.

R. MELHUISH, LTD.

No. 50w.



Smoothing Planes.

Warranted.		With Cut Irons.	With Parallel Irons.
2 in.	C.S. Double Iron ...	3/6	3/9 each.
2 1/8 "	" " " " ...	3/9	4/- "
2 1/4 "	" " " " ...	4/-	4/3 "
2 3/8 "	" " " " ...	4/6	4/9 "
2 1/2 "	" " " " ...	5/-	5/3 "
2 3/4 "	" With Steel-plated Sole	7/3	7/6 "

No. 50w.



No. 51w. Single Iron Smooth Planes ... 2 in. 2/6, 2 1/8 in. 2/8, 2 1/4 in. 2/10 each.

Thumb Planes with Single Irons.



No. 52w.

	1	1 1/8	1 1/4 in.
Smooth ...	1/9	1/9	1/9 each.
Compass ...	2/2	2/2	2/2 "
Concave ...	2/6	2/6	2/6 "

Improved Pattern Iron Front Smooth Plane.

No. 53w.

Size ...	2 1/8	2 1/4 in.
Price ...	7/6	7/9 each.

Parallel Irons, -/3 each extra.



No. 54w. Boxwood Smoothing Planes, Double Parallel Irons ... 2 in. 8/-, 2 1/4 in. 8/6 each.
 No. 55w. Boxmakers' Low Pitch Smoothing Planes ... Size 2 in., Single Iron 3/3, Double Iron 4/3 "

Jack Planes.

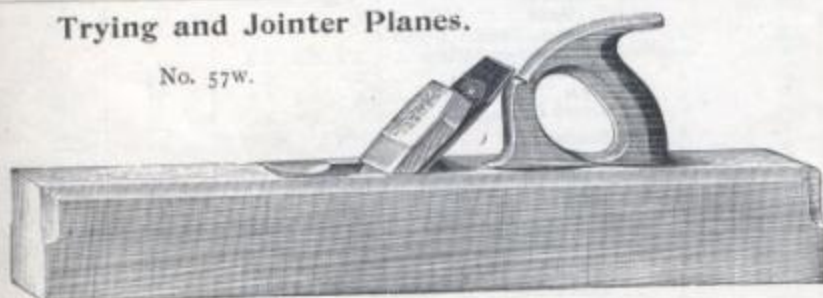
No. 56w.

	2	2 1/8	2 1/4	2 3/8 in.
C.S. Double Irons ...	4/6	4/9	5/-	5/3 each.
" " Parallel Irons	4/9	5/-	5/3	5/6 "
With Try Plane Handles	5/-	5/3	5/6	5/9 "



Trying and Jointer Planes.

No. 57w.



Boxwood Striking Button fitted to above Planes at -/3 each extra.

Trying Planes.

	Double Cut Irons.	Parallel Irons.
20 in. long, 2 1/4 in. Irons	6/6	6/9 ea.
22 " " 2 1/2 " "	6/6	6/9 "
24 " " 2 3/4 " "	6/9	7/- "

Jointer Planes.

	Double Cut Irons.	Parallel Irons.
26 in. long, 2 3/8 in. Irons	7/3	7/6 ea.
28 " " 2 1/2 " "	7/9	8/- "
30 " " 2 3/4 " "	8/3	8/6 "

Quotations given for Complete Equipment as used in Technical Institutions.

Contractors to the Home, Indian, and Colonial Governments.

Selected Bench Planes—Continued.



No. 58w.

Horn pattern Smoothing Plane. 17 in. Best C.S.
Double Iron. Price 5/- each.
If with Parallel Irons, -/3 extra.



Horn pattern Jack Plane.

No. 59w. With handle in front, single iron. 12 in. x 10 in.
long. Price 3/6 each.
No. 60w. Do., do. 2 in. x 12 in. long. Price 4/3 each.



Technical Jack Plane.

No. 61w.

Special pattern, with striking button, as supplied to Technical Schools
throughout the country.

14 in. long x 2 in., Double Irons 5/6 each.

Shooting Planes.

Mitre Plane, 12 in., 2 1/4 in. Iron	...	...	...	3/6 each.
" " Skew Mouth	...	...	...	5/- "
" " Box Front	...	...	...	6/6 "
" " " " best Double Iron	...	...	...	8/6 "
" " 22 in., 2 3/4 in. Single Iron, Square Mouth	...	...	...	11/6 "
" " 22 " 3 " " Part Plated Sole,	...	...	...	...
" " " " Square Mouth	...	...	...	16/- "
" " 22 " 3 " " Full Plated Sole,	...	...	...	...
" " " " Square Mouth	...	...	...	21/- "

No. 62w.



Illustration of the 22 in. plane.

Badger or Skew Planes.

No. 63w. Badger or Skew Plane,
with Best C.S. Iron and Brass Nuted
Steel Top, 2 1/4 in. Price 8/6 each.

No. 64w. Ditto, ditto, Box Slipped,
2 1/4 in. Price 9/6 each.

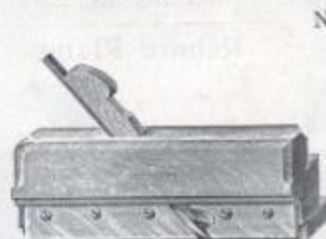
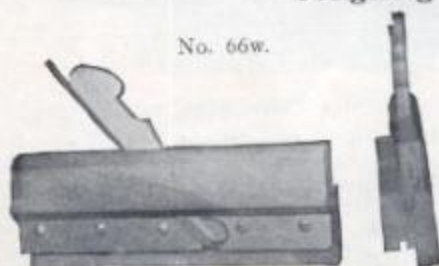
No. 65w. Panel Plane, 2 1/4 in.
Price 6/6 each.



Tonguing and Grooving or Match Planes.

No. 66w.

No. 67w.



Sizes ... 1/2, 3/4, 1, or 1 1/2 in.
5/- 5/3 5/6 per pair.

Adjustable Match Planes, with 3 pair Irons ... Price 11/9 per pair.
Grooving Planes for DRAWER BOTTOMS, Boxed ... " 3/- each.
" " with Sliding Fence ... " 4/6 "

Bronze Medal, 1884.—Gold Medal, 1890.

Coachmakers' Planes.

No. 68w.

**Compass.****Concave.**

Smooth Plane with Double Iron, $1\frac{1}{2}$ in., Price 3/9
 Compass " " " $1\frac{1}{2}$ in., " 4/3
 Concave " " " $1\frac{1}{2}$ in., " 4/6

T Rebate Plane.

No. 69w.



Size $1\frac{1}{2}$ in. ... Price 3/3 ea.
 Ditto, compassed ... " 3/9 "

Compass Planes.

No. 70w.



Compass Plane, 2 in. ... 4/3
 Ditto, with Boxwood Stop ... 5/6
 Ditto, with Brass Screw
 Stop as illustrated ... 8/6

Trenching Plane.

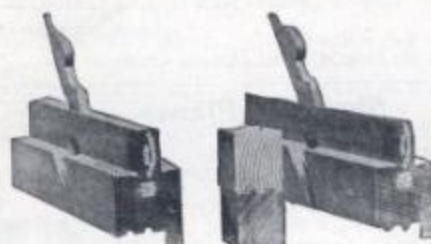
No. 71w.



Price, fitted with Brass Stop 6/6
 " " Wood " 4/6
 All sizes up to $\frac{3}{4}$ in.

Air-Tight Case Planes.

No. 72w.



Set of 4 Single ... Price 22/-
 " 3 Double ... " 27/6
 Hook Joint Dovetailed Box ... " 16/6

Chamfer Plane.

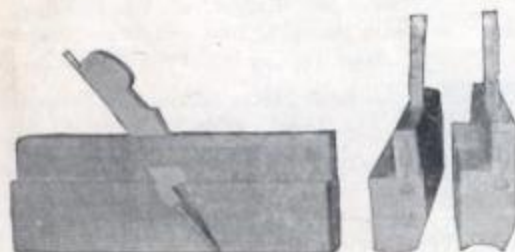
No. 73w.



Price, with Beech Fence ... 5/6
 " " Box " ... 7/6
 V Plane to $\frac{3}{8}$ in. ... 2/9

Hollow and Rounds.

No. 74w.



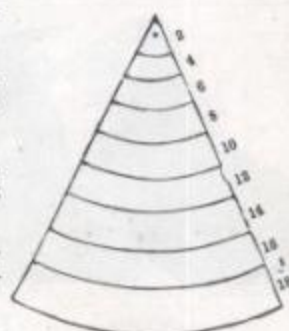
All sizes to No. 12, Square Mouth, 4/- per pair; Skew Mouth, 4/6 per pair.

Above No. 12 to No. 18, Square Mouth, 4/3 per pair; Skew Mouth, 4/9 per pair.

Half set, 9 pairs, Nos. 1-17 or Nos. 2-18, Square Mouth, 35/6 per half set; Skew Mouth, 41/- per half set.

Full set, 18 pairs, Square Mouth, 70/- per full set; Skew Mouth, 79/6 per full set.

Side Rounds ... 5/6 per pair.

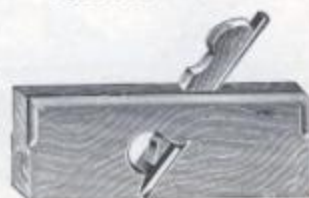
**Rebate Planes.**

No. 75w.

Square Mouth.

All sizes from $\frac{1}{4}$ to $1\frac{1}{4}$ in. ... Price 2/4 each.

$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$ in.
2/6	2/8	3/- each.



Boxed Edges, 1/6 extra.

Handled Circular Rebate Planes, 11/- per pair.

No. 76w.

Skew Mouth.

All sizes from $\frac{1}{4}$ to $1\frac{1}{4}$ in. ... Price 2/6 each.

$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$ in.
2/8	2/10	3/2 each.

Shoulder Boxed Edges, 2/6 extra.

Side Rebate Planes, 5/9 per pair.

Tool, Machine, and Hardware Merchants and Manufacturers.

Ploughs.

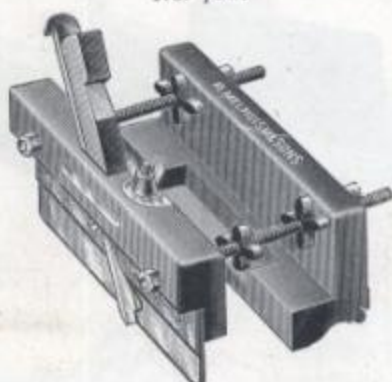
No. 77w.



Wood Stop	...	...	...	...	...	6 Black Bits	10/6 each.
"	"	...	...	...	...	8 best Cutting Irons	12/6 "
Best Brass Stop	...	...	...	...	...		18/- "
Improved Side Stop, Double Hooped Stems	...	...	...	...	...		21/- "
"	"	"	"	"	with Skate End		22/6 "
"	"	"	"	"	Boxwood Screw Stems		26/6 "

Melhuish's New Pattern.

No. 78w.



New pattern Plough Plane with Quick Acting Adjustment by bright IRON SCREW and BRASS WING NUTS with Screw Stop.

Price 20/-
With Set of 6 Cutters.



Screw Stem, Skate End.

No. 79w.



Improved Adjustable Side Stop, Boxwood Screw Stems and Fence, Solid Handle and Skate End.

Price 30/6 each.
With Set of 8 Cutters.

Moving Fillister.

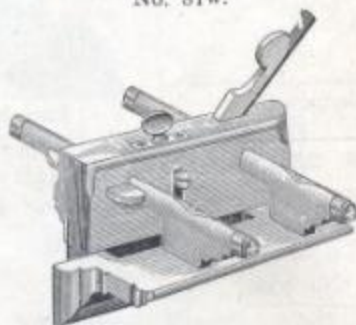
No. 80w.



Moving Fillister, Brass Slip Stop, Boxed	...	5/6 each
" " Shoulder Boxed and Slip Stop, with best Mortised Tooth	...	8/- "
Moving Shoulder Boxed, Slip Stop with improved Fence	...	9/- "
Moving Fillister, Thumb Stop, Wedge Tooth, Improved Fence	...	11/- "
Moving Fillister, Dovetail Boxed	...	13/- "

Sash Fillisters.

No. 81w.



Sash Fillister, Brass Stop	...	10/6 each.
" " Single Hooped Stems	...	12/- "
" " Double Hooped Stems	...	14/- "
" " Left Hand, Wedge Tooth, Shoulder Boxed	...	17/- "
" " Left Hand, Dovetail Boxed	...	20/- "
Boxwood Screw Stems, 3/6 extra.		

Orders of 20/- and upwards Carriage paid (with few exceptions).

Bead Planes.



No. 82w.

Bead Planes.

Size	...	...	$\frac{1}{8}$ to $\frac{3}{8}$	$\frac{3}{8}$	$\frac{7}{8}$	1 in.
Price	...	...	2/6	2/9	3/-	3/6 each.
Slipped	...	...	3/-	3/3	3/3	3/9 "

Bead Planes in Sets.

From $\frac{1}{8}$ to 1 in.

No. 83w.

	Ordinary Beads.	Slipped to $\frac{1}{2}$ in.	Dovetailed Box.	Dovetailed Box, Slipped to $\frac{1}{2}$ in.
Sets of 8	22/-	24/-	30/-	32/- per set.
" 9	25/6	28/-	34/6	37/- "
" 10	28/-	31/-	38/-	41/- "
" 12	33/-	37/-	45/6	49/- "

No. 84w. Cock Beads to $\frac{1}{2}$ in. ... 2/9 each.

Centre Reeding Planes.

No. 85w.

Centre Beads, Boxed	...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
Price	...	3/4	3/4	3/4	3/4	3/6	3/10	4/3	4/8 5/- ea.
No. 86w. Centre Beads	...	...	...	...	...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$ in.
Price, 2 Reeds	...	...	...	...	...	5/-	5/-	5/3	ea.
" 3	...	...	...	...	...	5/3	5/3	5/6	"



Moulding Planes.

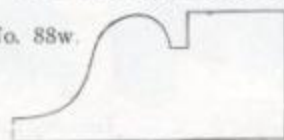
No. 87w.



Common Ogee.

All sizes to	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Price	2/6	2/6	2/9	3/- each.

No. 88w.



Quirk Ogee.

All sizes to	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Price	3/9	4/-	4/3	4/6 ea.
Quirk Ogee and Bead	5/-	5/3	5/6	5/9 "

No. 89w.



Grecian Ogee.

All sizes to	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Price	5/-	5/3	5/6	5/9 each.

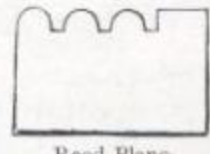
No. 90w.



Common Ovolo.

All sizes to	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Common Ovolo	2/6	2/9	3/-	3/3 each.
Quirk "	3/4	3/7	3/10	4/2 "

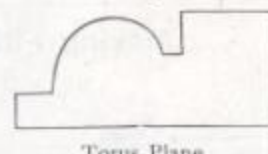
No. 91w.



Reed Plane.

Each Reed	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Price 2 Reeds	4/2	4/2	4/2	ea.
" 3	4/10	4/10	4/10	"
" 4	5/9	5/9	5/9	"

No. 92w.

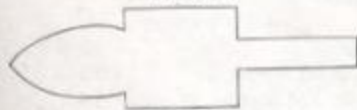


Torus Plane.

All sizes to	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1 in.
Price	3/-	3/3	3/6	3/9 ea.
Scotia Plane	3/-	3/3	3/6	3/9 "

Sash Planes.

No. 93w.



Gothic Sash.

$\frac{1}{2} \times 1\frac{1}{2}$	$\frac{1}{2} \times 1\frac{3}{4}$	$\frac{1}{2} \times 2$ in.
6/6	6/6	7/9 per pair.

No. 94w.



Lamb's Tongue Sash Plane.

$\frac{1}{2} \times 1\frac{1}{2}$	$\frac{1}{2} \times 1\frac{3}{4}$	$\frac{1}{2} \times 2$ in.
6/6	6/6	7/6 per pair.

No. 95w.



Ovolo Sash.

$\frac{1}{2} \times 1\frac{1}{2}$	$\frac{1}{2} \times 1\frac{3}{4}$	$\frac{1}{2} \times 2$ in.
5/6	5/6	6/- per pair.

Sash Templates, 1/6 per pair; with Brass Ends, 4/- per pair.

A large and varied Stock of Engineers' Tools and Motor Accessories.

American Pattern Wood Planes.

These Planes are carefully made, faced, polished with shellac varnish, and put in working order before leaving the factory. The old-fashioned Wooden Wedge, which many mechanics prefer to the Iron Holder, is used. Irons are warranted, blued at the upper end, ground, and all are tested.

A No. 96w.



A—Smooth Plane, without Handle, 8 in.
in length, 2 in. Cutter ... each 3/-

B—Ditto, ditto 8 in.
in length, 2½ in. Cutter ... 3/3

C—Smooth Plane, with Handle, 10¼ in.
in length, 2 in. Cutter ... 4/3

D—Ditto, ditto 10½ in.
length, 2½ in. Cutter ... 4/6

No. 97w.

C



Jack Plane.

No. 98w.



16 in. in length, 2½ in. Cutter.

Price 4/- each.

Bailey's Adjustable Combined Iron and Wood Planes.



No. 99w.
Unhanded Wood
Smooth Planes,
with 2 in. Iron.
Price 5/- each.

No. 100w.
Handled Wood
Smooth Planes.
9 in. long, 2 in. Iron,
6/-
10 in. long, 2½ in. Iron,
7/-



Bailey's Jack and Fore Planes.

No. 101w.



15 in. long, 2 in. Iron, 5/6 each.

18 " 2½ " 7/- "

24 " 2½ " 7/6 "

Miscellaneous English Wood Planes (not illustrated).

No. 102w. **Toothing Plane.**
Single Iron, 2 in. wide ... Price 3/- each.

No. 103w. **Spout Plane.**
Double Irons, 2½ in wide " 7/6 "

No. 104w. **Stepnosing Plane** ... " 4/6 "

No. 105w. **Snipe Bill Plane** ... " 3/4 "

No. 106w. **Fork Shaft Plane.**
Single Iron, 2½ in. wide ... " 5/9 "

No. 107w. **Mast or Spar Plane.**
Single Iron, 2½ in. wide ... Price 4/3 each.

No. 108w. **Spill or Shaving Plane.**
Single Iron ... " 3/6 "

No. 109w. **Neck Mould Plane.**
To ½ in., price 4/-; above, 3d. per ½ in.

No. 110w. **Side Snipe Plane** ... Price 4/- each.

No. 111w. **Face Mould Plane.**
Solid Boxed ... " 6/6 each.

NOTE! Special Attention given to Plane Repairs.

Contractors to the Home, Indian, and Colonial Governments.

Improved English Steel or Wrought Iron Planes.

Of Best Quality and Extra Finish. Specially made for Workers in Hard Woods.

Smoothing.

No. 112W.



Steel Frame, Rosewood Body, Gun-metal Lever.

$1\frac{3}{4}$	2	$2\frac{1}{2}$	$2\frac{1}{2}$ in.
18/6	19/-	19/-	19/6 each.

Smoothing.

No. 114W.



			$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$ in.
Malleable Iron ...	...	...	16/6	17/6	18/- each.

Gun-metal, with Cast Steel Face					
and fitted with Ebony	...	21/6	22/6	23/6	"

Steel Panel and Jointer.

With $2\frac{1}{2}$ in. Irons.

No. 116W.



Steel Frame, Rosewood Body, Gun-metal Lever.

$14\frac{1}{2}$	$17\frac{1}{2}$	$20\frac{1}{2}$	$24\frac{1}{2}$ in.
31/-	34/-	35/6	39/6 each.

Broader Irons than $2\frac{1}{2}$ in., 1/- per $\frac{1}{8}$ in. extra.

Handled Smoothing.

No. 113W.



Steel Frame, Rosewood Body, and Gun-metal Fittings.

2	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{3}{8}$ in.
21/-	21/-	21/6	22/- each.

Gun-metal, with Cast Steel Face, Rosewood Body.

2	$2\frac{1}{2}$	$2\frac{1}{2}$ in.
23/6	24/-	24/6 each.

Any of the above with closed handles, 1/6 extra.

Mitre.

No. 115W.



Wrought Iron, Gun-metal Lever, Rosewood Fitted.

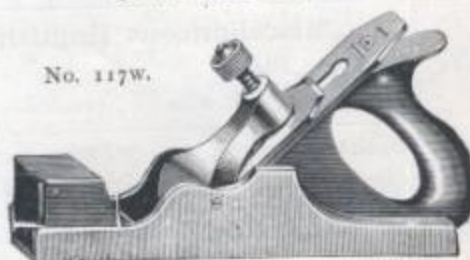
$10\frac{1}{2} \times 2\frac{1}{4}$ in.	18/6 each.
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If with Skewed Mouth, 1/6 extra.

Broader Irons than $2\frac{1}{4}$ in., -/6 per $\frac{1}{8}$ in. extra.

Cast Iron Panel.

No. 117W.



Cast Iron Frame, Rosewood Body, Gun-metal Levers.

9 inches long with $2\frac{1}{4}$ Irons	...	...	18/6 each.
$12\frac{1}{2}$ " " " $2\frac{1}{2}$ "	...	...	27/- "
$15\frac{1}{2}$ " " " $2\frac{1}{2}$ "	...	...	29/- "

Bronze Medal, 1884.—Gold Medal 1890.

British-made Malleable Iron Planes.

Of the Best Materials and Workmanship and practically Unbreakable.

No. 118W.

Smoothing.

Malleable Iron, with Nickel-plated Lever.

$7\frac{1}{2} \times 2$ in., $2\frac{1}{2}$ in., or $2\frac{1}{4}$ in. iron.

Price ... 15/-



No. 119W.

Panel.

Malleable Iron, with Nickel-plated Lever.

Price.

$13\frac{1}{2} \times 2\frac{1}{2}$ in. iron 21/-

$15\frac{1}{2} \times 2\frac{1}{2}$ " " 23/-

$17\frac{1}{2} \times 2\frac{1}{2}$ " " 25/-



No. 120W.

Jointers.

Malleable Iron, with Nickel-plated Lever.

$20\frac{1}{2} \times 2\frac{1}{2}$ in.

Price ... 26/- each.



These Planes are Guaranteed to Work Perfectly even on the Hardest Woods. Carriage Forward.

"Stanley" Shute Board and Plane.

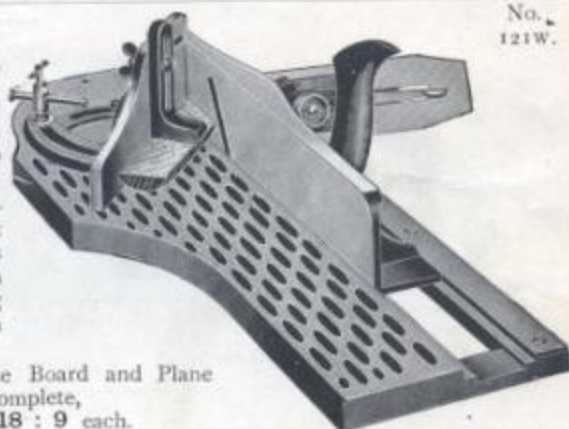
An important tool for Cabinet and Pattern Makers, Printers, and Electrotypers. The Board, 22 in. long, is of Iron of ribbed construction, and has an adjustable runway for the Plane. By means of Clamping Screw the Swivel can be set at any angle from 0° to 90° . The Sliding Back will support the work close to Plane and prevent it from splintering.

The Plane, with Rosewood Handle, and specially constructed to suit this Board, has its Cutter set on a skew, making a smooth keen cut.

Price of Shute Board and Plane complete, £1 : 18 : 9 each.



No. 121W.



"Stanley" Combination Dovetail, Tongue, and Groove Plane.

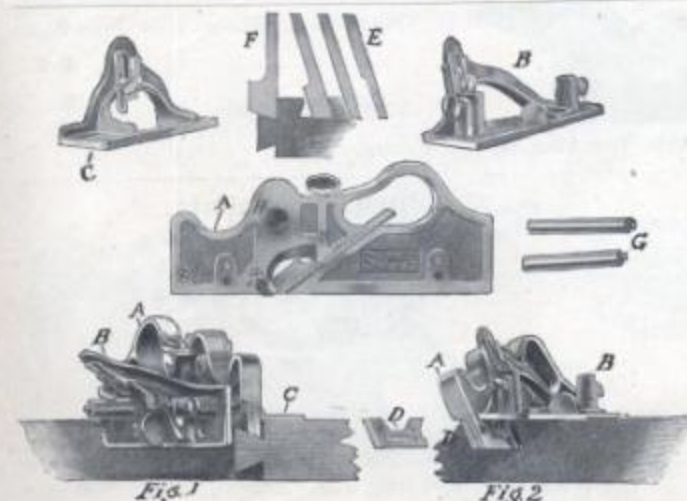
No. 122W.

This Tool with one setting will cut a Dovetail Groove by means of a Cutter with a horizontal edge, guided by an oblique fence, at an angle of 20° .

With another setting it will cut a Dovetail Tongue by means of a Cutter with an oblique edge, also at an angle of 20° . The cut is guided by two fences at right angles to each other, one being parallel to one side of the Cutter.

Both Grooves and Tongues, parallel and taper, are accurate and perfect fitting. Three sizes of Cutters are furnished for forming Grooves, the smallest sizes for $\frac{1}{4}$ and $\frac{3}{8}$ in., the middle size for $\frac{1}{2}$ and $\frac{7}{8}$ in., and the largest size for 1 to 2 in. boards.

Price, Nickel-plated and packed in neat wooden box, 22/- each.



Tool, Machine, and Hardware Merchants and Manufacturers.

Bullnose Planes.

Improved English Make.

Bullnose Rebate.

No. 123W.



Nickel-plated, with Rosewood Wedge, 3 in. x $\frac{3}{8}$ in.
Price 2/6 each.

Malleable Bullnose.

No. 124W.



$1\frac{1}{8}$ in. Cutter, Malleable Iron, Japanned, length 3 in.
Price 3/6 each.

Registered Pattern.

No. 125W.



Black Japanned finish, with bright relief, $1\frac{1}{8}$ in. iron.
Price 3/9 each.



Patent Adjustable.

No. 126W.



This pattern is of nickel-plated finish, and the $1\frac{1}{8}$ in. Cutter can be finely adjusted by milled nut.
Price 6/- each.

No. 127W.

- A. Malleable Iron, 1 in. Price 6/9 each.
B. " " $1\frac{1}{8}$ " " 7/- "
C. " " $1\frac{1}{4}$ " " 8/- "



- D. Gun-metal and Ebony, 1 in. Price 8/- ea.
E. " " $1\frac{1}{8}$ " " 8/6 "
F. " " $1\frac{1}{4}$ " " 9/- "

Gun-metal Planes with Steel Face, 2/- each extra.

Stanley Rebate. (American.)

No. 128W.



Iron Stock, 4 in. long, 1 in. Cutter ... Price 1/4 each.
Cutters for same ... " -/4 "

Adjustable Rebate. (American.)

No. 129W.



Nickel-plated, 4 in. long, 1 in. Cutter ... Price 7/6 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Best English Shoulder Planes.

No. 130W.



STEEL OR WROUGHT IRON.

8 x 1	8 x 1 1/8	8 x 1 1/4	8 x 1 1/2 in.
15/-	15/6	16/-	17/- each.

If with Skew Mouth, 1/- extra.

A. 1 1/4 in. Malleable Iron fitted Rosewood	14/- each.
B. 1 1/2 " " " " "	15/- "
C. 1 3/4 " Gun-metal " Ebony	18/- "
D. 1 1/2 " " " " "	19/- "
E. 1 3/4 " " Steel Face " "	21/- "
F. 1 1/2 " " " " "	22/- "

Best English Steel Rebate Planes.

No. 131W.



6 x 1 1/2	7 x 1 1/8	8 x 1 1/4	9 x 1 1/4	9 x 1 1/2 in.
9/6	10/-	10/6	11/-	11/6 each.
9 x 1	9 x 1 1/8	9 x 1 1/4	9 x 1 1/2	9 x 1 3/4 in.
12/-	12/6	13/-	14/-	15/- each.

With Skew Mouth up to 1 1/8 in. 1/6 extra; 1 1/4 to 1 1/2 in. 1/- extra.

WITH TWO IRONS.

8 or 9 x 1 1/4	9 x 1 1/8	9 x 1	9 x 1 1/4	9 x 1 1/2	9 x 1 3/4 in.
15/6	16/-	16/6	17/-	17/6	18/6 each.

With Skew Mouth to 1 1/8 in. 1/- extra.
" " 1 1/4 to 1 1/2 in. 2/- extra.

Iron Rebate Planes.

No. 132W.



The Cutting Iron is fitted with our Patent Adjustment (which has met with universal approval when applied to other tools) and is readily adjusted by the milled nut; no hammer is required; by simply turning the nut the Iron is adjusted to any cut desired.

This is a new departure in IRON REBATE PLANES, and is a well-made and highly finished tool, nickel-plated.

It has the tightening screw underneath the lever, thus giving a nice smooth surface for the palm of the hand.

Cutter	...	...	5	8	1	1 1/4	1 1/2 in.
Length	...	...	5	8	8	8 1/4	8 1/2 "
Price	...	...	7/-	13/-	14/-	15/-	16/- each.

Rebate Plane.

No. 133W.



A reliable and inexpensive Rebate Plane. Nickel-plated, finished with Rosewood Wedge.

Size 5 in. x 1 1/8 in.
Price 5/6 each.

Carriage Maker's Rebate Plane.

No. 134W.



A. Carriage Maker's Rebate Plane, 9 in. in length, 2 1/8 in. cutter	...	...	8/6
B. Ditto, 13 in. in length, 2 1/8 in. cutter	...	...	10/-

Contractors to the Home, Indian, and Colonial Governments.

"Stanley" Patent Adjustable Iron Planes.

Fitted with instantaneous clamping device.

Smoothing.

No. 135W.



No. 1. Smooth Plane, 5½ in. length, 1¼ in. cutter, 5/3 each.

" 2.	"	7	"	1½	"	6/9	"
" 3.	"	8	"	1¾	"	7/-	"
" 4.	"	9	"	2	"	7/6	"
" 4½.	"	10	"	2½	"	8/6	"

Jack and Jointer.

No. 136W.



No. 5. Jack Plane, 14 in. length, 2 in. cutter, 8/6 each.

" 5½.	"	15	"	2¼	"	10/-	"
" 6.	Fore Plane,	18	"	2½	"	11/6	"
" 7.	Jointer Plane,	22	"	2¾	"	13/-	"
" 8.	"	24	"	3	"	15/6	"

"STANLEY" PATTERN WITH "BED-ROCK" IMPROVEMENT.

In the "Bed-Rock" plane a design has been perfected which effects a combination of the utmost rigidity with a wider range of adjustments than hitherto. The portion of the plane to which are attached the fine adjustments is known as the "Frog," which in the "Bed-Rock" pattern is made with MACHINED FACE. The frog is also designed so that its entire bottom rests solidly on a seat formed on the plane body. By the new design the sides of the frog also conform to guides formed in the body of the plane, the guides lending accuracy of adjustment to the frog, as well as preventing any possibility of wobbling. A reliable adjustment for width of throat opening is another important feature of the "Bed-Rock" design.



Smoothing.

No. 140W. Smoothing, 8 in. length, 1¾ in. cutter 8/- each.

" 141W.	"	9	"	2	"	8/9	"
" 142W.	"	10	"	2½	"	10/-	"

Jack and Jointer.

No. 143W. Jack ... 14 in. length, 2 in. cutter 10/- each.

" 144W.	"	15	"	2¼	"	11/-	"
" 145W.	Fore Plane,	18	"	2½	"	12/6	"
" 146W.	Jointer	22	"	2¾	"	14/6	"
" 147W.	"	24	"	3	"	17/-	"

Bronze Medal, 1884.—Gold Medal, 1890.

Iron Block Planes.



No. 148w.

Double-ended.



No. 149w.

No.	Length.	Width of Cutter.	Price.	Price with Adjustable Lever, as illustrated.
A.	5½ in.	1½ in.	1/3 each	1/9 each.
B.	7½ "	1½ "	1/9 "	2/6 "

8 in. long, 1½ in. Cutter... 2/6 each.
Extra Cutters ... -/6 "



No. 150w.

Adjustable, 7½ in. in length, 1½ in. Cutter,
2/6 each.

Low Angle.



No. 151w.

Low Angle, 6 in. in length, 1½ in. Cutter,
4/- each.



No. 152w.

With Lateral and Improved Throat Adjustment.

Knuckle Joint.



No.
153w.

The Knuckle Joint in the Cap makes it a Lever too; and placing the Cap in position will also clamp the Cutter securely in its seat.

No. A.	Black, 6 in. × 1½ in.	...	Price 3/6 each.
" B.	Nickel-plated, 6 in. × 1½ in.	"	4/3 "
" C.	Black, with Rosewood handle...	"	4/6 "

Nickel Trimmings, 6 in. in length, 1½ in. Cutter 4/6 each.
" " 7 " " 1½ " " 4/9 "



No. 154w.

With Adjustable Cutting Iron ... 4/6 each.

Rebate and Block.



No.
155w.

A detachable side will easily change this tool from a Block to a Rebate Plane, or *vice versa*. The Cutter is set on a skew.

7 in. in length, 1½ in. Cutter ... 5/- each.

Tool, Machine, and Hardware Merchants and Manufacturers.

Improved Scrub Plane.

No. 156w.



This tool has a single Iron, with the cutting edge rounded, and is particularly adapted for roughing down before using a Jack or other Plane.

9 in. long, with 1 1/2 in. Cutter	...	...	3/6 each.
10 in. " 1 1/2 " "	...	...	4/6 "
Cutters only	...	1 1/2 in. -/8; 1 1/2 in. -/10 "	

Adjustable Scraper Plane.

No. 157w



This tool is used for scraping and finishing Veneers or Cabinet work. It can be used equally well as a Tooth Plane; and will do excellent work in scraping off old paint and glue.

9 in. long, with 3 in. Scraper Blade	...	...	6/9 each.
Toothing Irons, 22, 28 or 32 teeth	...	extra	1/- "
Additional Scraper Blades	...	...	-/8 "

Cabinet Maker's Block Plane.

No. 158w.



For Pianoforte Makers, Cabinet Makers, and kindred trades, where an extra fine tool is required in finishing hard woods, etc.

A Metallic Handle, with Slot and Set Screw, is furnished with each Plane, and can be attached to the top of the Plane on either edge. The Plane, turned on its side, will then work perfectly on a shooting-board, for planing mitres, etc.

10 in. long, with 2 in. Cutter	...	...	14/6 each.
Cutters only	...	...	1/- "

Adjustable Chamfer Plane.

9 in. long, 1 1/2 in. Cutter.

No. 159w.



This Plane will do perfect Chamfer or Stop Chamfer work of all ordinary widths.

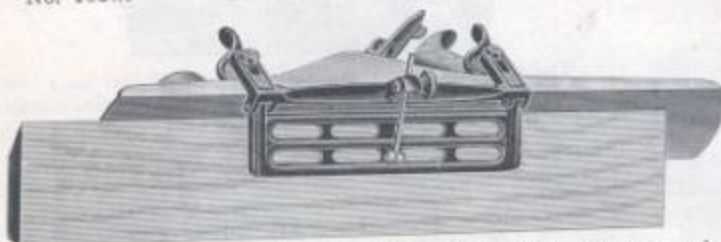
For Beeding, Reeding, or Moulding a Chamfer, an additional attachment is furnished with six cutters, sharpened at both ends, including a large variety of ornamental forms.

Price 7/3 each. With Beading Attachment, 11/6 each.	
Extra Cutters...	-/8 each.

The Perfect Jointer Gauge.

No. 160w.

For Wood or Iron Planes.



For planing squares or bevels, and can be attached with ease and rapidity to either iron or wood planes.

The arms are slotted to provide for adjustment to the varying heights of iron planes, and adjusting bolts upon which eccentric cams revolve are secured in these slots.

By a partial revolution of the cams the gauge can be attached to or removed from an iron plane instantly.

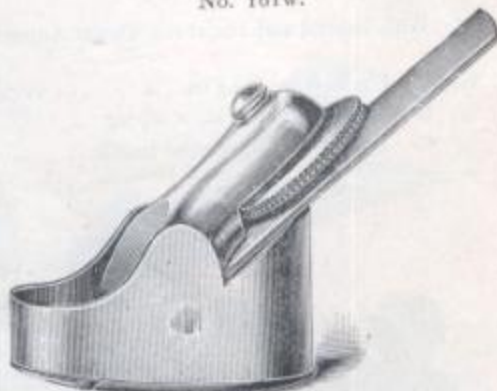
To use a wood plane the cam bolts are removed and round head wood screws are used in the arm slots instead. The desired bevel is secured by raising or lowering the gauge when it is held firmly in place by the milled edge thumb screw.

Price	...	...	...	6/6 each.
Cheaper Pattern.	For Wood Plane	...	...	3/3 "
"	" Iron	...	...	5/- "

Violin Makers' Planes.

Made in Gun Metal.

No. 161w.



In five sizes, with round and flat faces, one plain and one toothed iron to each.

Width of Iron	1/8	1/4	3/8	1/2	5/8
Flat face	3/3	3/5	3/10	4/6	5/6 each.
Round	3/5	3/9	4/3	5/3	5/9 "

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Duplex Rebate and Fillister.

No. 163W.



The arm to which the fence is secured can be screwed into either side of the stock, thus making a superior right or left hand Fillister, with adjustable Spur and Depth Gauge.

Remove the arm to which the fence is secured, and a Handled Rebate Plane is had, and with two seats for the cutter, so that the tool can be used as a Bullnose Rebate if required.

Iron Stock and Fence, $8\frac{1}{2}$ in. in length, $1\frac{1}{2}$ in. Cutter $\frac{5}{9}$ ea.
Cutters for the above Plane... .. $\frac{7}{8}$ "



Improved Rebate Plane.

No. 163W.



This Plane will lie perfectly flat on either side, and can be used with right or left hand equally well while planing into corners or up against perpendicular surfaces.
Fitted with Depth Gauge and Spur.

A. Iron Stock, 8 in. in length, with $1\frac{1}{4}$ in. Spur, $4\frac{1}{6}$ ea.

B. " " 8 " " " $1\frac{1}{2}$ " " 46 "

If without Spur, +/9 less.

Extra Cutters -/8 ea.
---------------	-----	-----	-----	-----	-----	-------------

Adjustable Cabinet Maker's Rebate Plane.

No. 164W.



For fine cabinet work where extreme accuracy is required. The sides and bottom being square with each other, the Plane will lie perfectly flat on either side and can be used right or left.

Both the Cutter and width of throat opening are adjustable. The Plane is nickel-plated and fitted with the "Handy" feature for adjusting size of mouth.

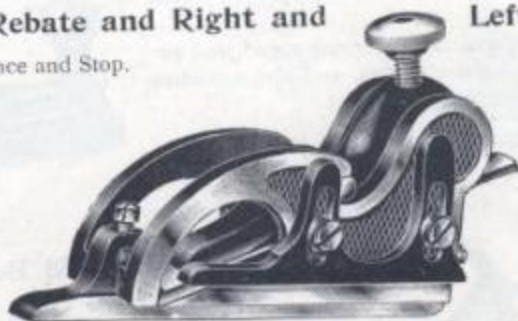
A.	$5\frac{1}{2}$ in. in length; $\frac{3}{8}$ in. Cutter...	...	...	...	...	...	7/6 each.
							95

[illegible][illegible]

Cutters for above, 1/- each.

Patent Iron Bullnose Rebate and Right and

With Fence and Stop.



Left-Hand Fillister Plane.

No. 165W.

rebate. Both Fence and Stop may be entirely detached and the plane used as an ordinary Bullnose plane.

The Fence is adjustable from $\frac{1}{8}$ to $\frac{1}{4}$ in. and the Stop to $\frac{3}{8}$ in.

Price 4/6 each.

Side Rebate Plane.

No. 166w.



A convenient tool for side rebating and trimming dados, mouldings, and grooves of all sorts. A reversible nosepiece gives the tool a form by which it will work close up into corners when required.

Price, 4 in. Right or Left Hand, 3/6 each.

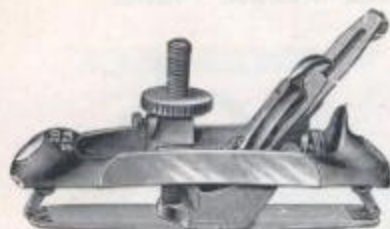
No. 167W.



A large and varied Stock of Engineers' Tools and Motor Accessories.

Stanley's Adjustable Circular Plane.

No. 168w.



A very superior tool, all its parts are specially designed with the object of eliminating any lost motion due to wear. There are less parts subject to lost motion in this Plane than in any other Circular Plane. The ends of the flexible face being fixed and the force applied at the centre, great accuracy of adjustment is possible and the face is most firmly held in position.

Japanned Finish, $1\frac{1}{2}$ in. Cutter ... 11/9 each.
 Nickel-plated, $1\frac{1}{2}$ " " " ... 14/- "

Circular.

No. 169w.

In this pattern the Flexible Steel Face can be easily shaped to any required arc, either concave or convex, by turning the knob on the front of the Plane.

Size of Cutter, $1\frac{1}{2}$ in. Price 10/4 each.

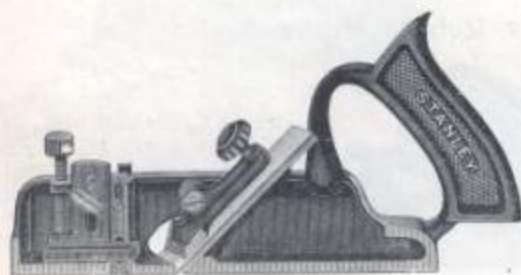
**Improved Dado.**

No. 170w.

The Cutter is set on a skew. Plane is fitted with a Depth Gauge, adjustable by means of a thumbscrew. Also with two adjustable Spurs, which can be adjusted to take up wear as well as for depth of cut.

Cutters ...	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in. wide.
	5/9	5/9	5/9	5/9	5/9	5/9	5/9 each.

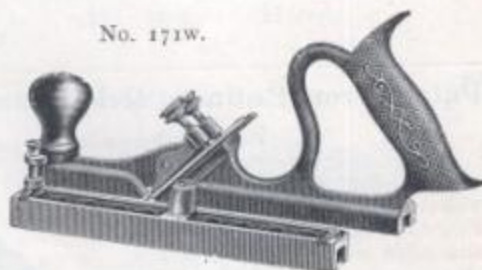
Extra Cutters, -/8 each.

**Tonguing and Grooving.**

The Plane has two separate cutters, a suitable distance apart. When the guide, or fence, is set as shown, both cutters work and a tongue can be made.

The fence is hung on a pivot, and can be swung round, end for end. This movement covers one of the cutters, and also furnishes a guide for grooving an exact match for the tongue.

- A. Nickel-plated Stock and Fence, for $\frac{3}{4}$ to $1\frac{1}{2}$ in. boards... 9/6 each.
 B. Ditto, for $\frac{3}{8}$ to $\frac{3}{4}$ in. ... 9/6 "

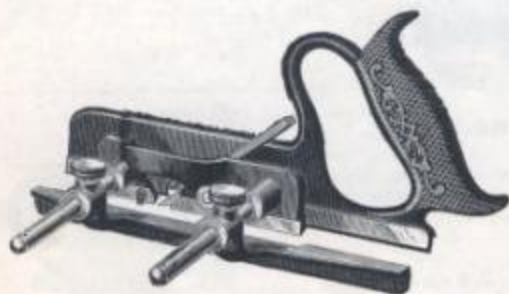
**Patent Combined Beading and Matching.**

No. 172w.

This tool for ordinary beading or for centre beading cannot be surpassed. By adjustment of the fence, centre beading can be done up to five inches from the edge of a board. Except for working across the grain, the spurs need not be used.

With each Plane are furnished Beading Tools ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, and $\frac{1}{2}$ in.), and a pair of $\frac{1}{4}$ in. Matching Tools.

With Nickel-plated Stock and Fence... 16/6 each.



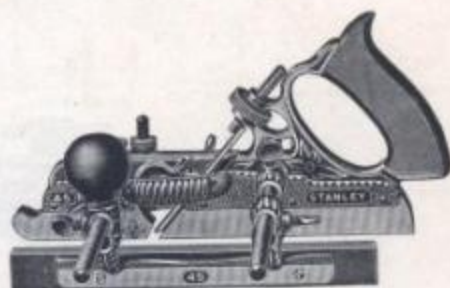
Contractors to the Home, Indian, and Colonial Governments.

Stanley Adjustable Beading, Rebate, and Matching Plane.

This Plane combines a main stock and a sliding section, so arranged that Cutters of different widths can be used. Each Plane is fitted with adjustable Fence or Guide and a Depth Gauge, and also with Spurs for use in working across the grain. Can be used right or left hand.

This Plane embraces (1) Beading and Centre Beading; (2) Rebate and Fillister; (3) Dado; (4) Plough; (5) Matching; (6) Sash; and (7) a superior Slitting Plane.

Each Plane has seven Beading Tools ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, and $\frac{1}{2}$ in.), ten Plough and Dado Bits ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, and $\frac{7}{8}$ in.), a Slitting Blade, a Tonguing Tool, and a Sash Tool.



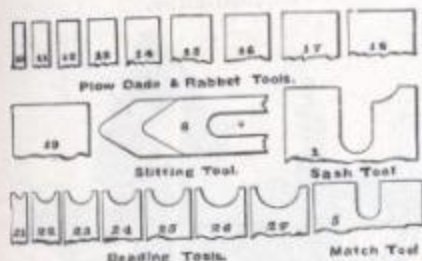
No. 173W.

Nickel-Plated.

COMPLETE WITH TWENTY TOOLS, BITS, ETC.

Price 29/6 each.

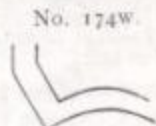
* * Of the Cutters for Plane No. 177w, Nos. 2, 6, 9, 28, 29, 31, 32, 33, 34, 35, 36, 37, 38, 212, 213, 214, 215, 222, 223, 224, 225, 232, 233, 234, and 235, in addition to the twenty sold with the Plane, will work in Plane No. 173w. The other Cutters for No. 177w *cannot* be used in No. 173w.



Hollows and Rounds for above Plane.

By substituting a specially formed detachable bottom, as shown in cut, for the sliding section mentioned above, cutters known as "Hollows" and "Rounds" may be used to advantage. A special bottom is required for each size of these tools. The following sizes can be furnished:

No.	6.	$\frac{1}{2}$	in. Cutter,	works	a	segment	of	a	$\frac{3}{4}$	in. circle	... 4/9 per pair.
"	8.	$\frac{3}{8}$	"	"	"	"	"	"	"	"	... 4/9 "
"	10.	$\frac{1}{4}$	"	"	"	"	"	"	"	"	... 4/9 "
"	12.	$\frac{1}{8}$	"	"	"	"	"	"	"	"	... 4/9 "
Cutters for above											... .. -/8 each.



No. 174W



Nosing Tool for Plane No. 173w.

[illegible]

Reeding Tools for Above.

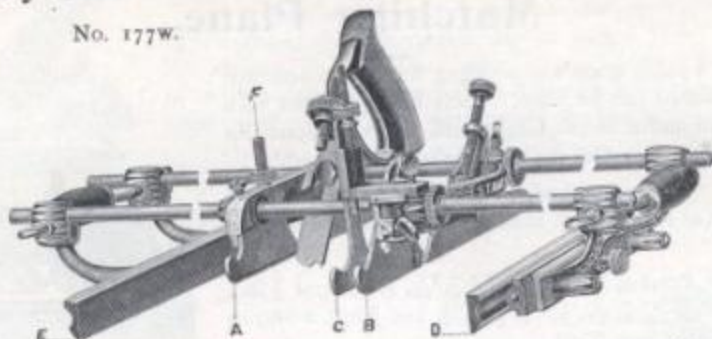
Reeding Tools for Above.										No. 176w				
										2	3	4	5	Beads.
Size of Beeds	$\frac{1}{8}$ in.	...	...	...	...	...	...	...	...	-10	1/3	1/8	2/-	each.
"	"	$\frac{3}{16}$ in.	...	...	...	...	...	...	...	-10	1/3	1/8	2/-	"
"	"	$\frac{1}{4}$ in.	...	...	...	...	...	...	...	-10	1/3	1/8	2/-	"

Bronze Medal, 1884.—Gold Medal, 1890.

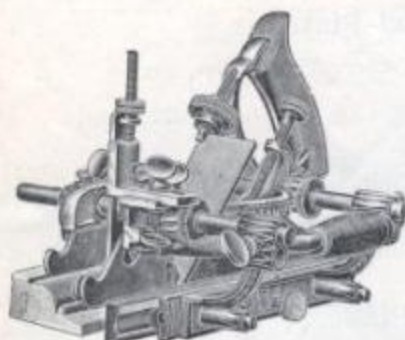
Universal Combination Plane.

A Thoroughly Good Tool extensively adopted by Practical Workmen.

No. 177W.



The Plane adjusted for making Mouldings.



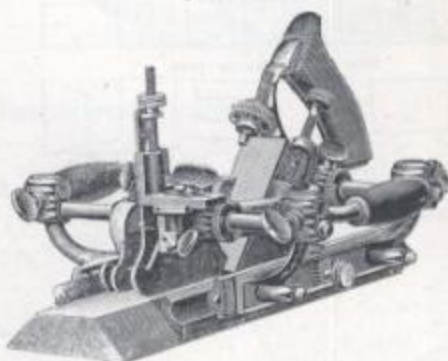
Containing the following Planes:

MOULDING, MATCH,
SASH, CHAMFER,
BEADING, REEDING,
FLUTING, HOLLOW,
ROUND, PLOUGH,
DADO, REBATE,
and FILLISTER;
also SLITTING CUTTER.

Price complete in box,

£2:19:0

The Plane adjusted for Chamfer, to the required angle.



The Plane is nickel-plated; the 52 cutters are arranged in four separate cases; and the entire outfit is packed in a neat wooden box.

This Plane consists of:—

A MAIN STOCK (A) with two sets of transverse sliding arms, a depth gauge (F) adjusted by a screw and a slitting cutter with stop.

A SLIDING SECTION (B) with a patent vertically adjustable bottom.

THE AUXILIARY CENTRE BOTTOM (C) is to be placed in front of the cutter, as an extra support or stop, when needed. This bottom is adjustable both vertically and laterally.

FENCES D AND E. Fence D has a lateral adjustment by means of a screw, for extra fine work. The fences can be used on either side of the Plane, and the rosewood guides can be tilted to any desired angle, up to 45°, by loosening the screws on the face. Fence E can be reversed for centre beading wide boards.

AN ADJUSTABLE STOP to be used in beading the edges of matched boards is inserted on the left-hand side of sliding Section (B).

By means of the patent adjustable bottom and the auxiliary centre bottom it is possible to use a cutter of practically any shape with this Plane.

Each Plane is sold with the Fifty-two (52) Cutters marked ♦ in upper part of next plate.

Cutters shown in lower plate will be furnished to order. Cutters are shown one-half size. Style, sizes, and prices are given on opposite page.

DIRECTIONS.

MOULDING PLANE.—Insert a cutter and adjust bottom of sliding section (B) to conform to the shape of the cutter; then, by means of the two check-nuts on the transverse arms, fasten this section firmly—before tightening the thumb-screws which secure the sliding section to the arms.

When needed, adjust auxiliary centre bottom (C) for an additional support in front of the cutter. By tilting the rosewood guides on Fences D and E, mouldings of various angles may be formed.

MATCH, SASH, BEADING, REEDING, FLUTING, HOLLOW, ROUND, PLOUGH, REBATE, AND FILLISTER PLANE.—Use in the same manner as for mouldings. In working match and sash cutters, the auxiliary centre bottom (C) may be used as a stop.

DADO.—Remove the fences (D and E) and set the spurs parallel with the edges of cutter. Insert long adjustable stop on left-hand side of sliding section.

SLITTING PLANE.—Insert the cutter and stop on right-hand side of main stock, and use Fence D or E for guide.

CHAMFER.—Insert the desired cutter; fasten a fence on each side of the Plane, and tilt the rosewood guides to required angle. For chamfer beading, use in the same form as above, and feed the cutter down gradually by use of thumb-nut for adjustment.

Tool, Machine, and Hardware Merchants and Manufacturers.

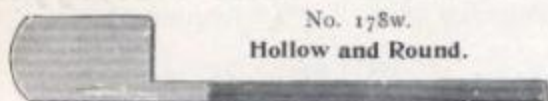
Rd. MELHUIH, Ltd., Fetter Lane, Holborn Circus, London, E.C. 25

Cutters for Stanley Patent Universal Plane No. 177W.

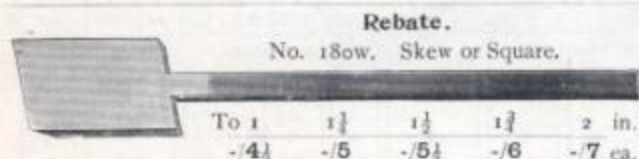
No.	Size.	Style.	2/- each.
1	1 1/2 in.	Sash Tool ...	2/-
2	1 1/2 in.	Match ...	2/-
3	1 1/2 in.	Slitting Tool ...	1/3
4	1 1/2 in.	Fillister ...	1/-
5	1 1/2 in.	Plough & Dado Tool ...	1/8
6	1 1/2 in.	Beard Tool ...	1/8
7	1 1/2 in.	Fluting Tool ...	1/3
8	1 1/2 in.	Hollow ...	1/10
9	1 1/2 in.	Round ...	1/10
10	1 1/2 in.	Quarter Hollow ...	1/10
11	1 1/2 in.	Reverse Ogee ...	1/10
12	1 1/2 in.	Round ...	1/10
13	1 1/2 in.	Reverse Ogee ...	1/10
14	1 1/2 in.	Round ...	1/10
15	1 1/2 in.	Reverse Ogee ...	1/10
16	1 1/2 in.	Round ...	1/10
17	1 1/2 in.	Reverse Ogee ...	1/10
18	1 1/2 in.	Round ...	1/10
19	1 1/2 in.	Reverse Ogee ...	1/10
20	1 1/2 in.	Round ...	1/10
21	1 1/2 in.	Reverse Ogee ...	1/10
22	1 1/2 in.	Round ...	1/10
23	1 1/2 in.	Reverse Ogee ...	1/10
24	1 1/2 in.	Round ...	1/10
25	1 1/2 in.	Reverse Ogee ...	1/10
26	1 1/2 in.	Round ...	1/10
27	1 1/2 in.	Reverse Ogee ...	1/10
28	1 1/2 in.	Round ...	1/10
29	1 1/2 in.	Reverse Ogee ...	1/10
30	1 1/2 in.	Round ...	1/10
31	1 1/2 in.	Reverse Ogee ...	1/10
32	1 1/2 in.	Round ...	1/10
33	1 1/2 in.	Reverse Ogee ...	1/10
34	1 1/2 in.	Round ...	1/10
35	1 1/2 in.	Reverse Ogee ...	1/10
36	1 1/2 in.	Round ...	1/10
37	1 1/2 in.	Reverse Ogee ...	1/10
38	1 1/2 in.	Round ...	1/10
39	1 1/2 in.	Reverse Ogee ...	1/10
40	1 1/2 in.	Round ...	1/10
41	1 1/2 in.	Reverse Ogee ...	1/10
42	1 1/2 in.	Round ...	1/10
43	1 1/2 in.	Reverse Ogee ...	1/10
44	1 1/2 in.	Round ...	1/10
45	1 1/2 in.	Reverse Ogee ...	1/10
46	1 1/2 in.	Round ...	1/10
47	1 1/2 in.	Reverse Ogee ...	1/10
48	1 1/2 in.	Round ...	1/10
49	1 1/2 in.	Reverse Ogee ...	1/10
50	1 1/2 in.	Round ...	1/10
51	1 1/2 in.	Reverse Ogee ...	1/10
52	1 1/2 in.	Round ...	1/10
53	1 1/2 in.	Reverse Ogee ...	1/10
54	1 1/2 in.	Round ...	1/10
55	1 1/2 in.	Reverse Ogee ...	1/10
56	1 1/2 in.	Round ...	1/10
57	1 1/2 in.	Reverse Ogee ...	1/10
58	1 1/2 in.	Round ...	1/10
59	1 1/2 in.	Reverse Ogee ...	1/10
60	1 1/2 in.	Round ...	1/10
61	1 1/2 in.	Reverse Ogee ...	1/10
62	1 1/2 in.	Round ...	1/10
63	1 1/2 in.	Reverse Ogee ...	1/10
64	1 1/2 in.	Round ...	1/10
65	1 1/2 in.	Reverse Ogee ...	1/10
66	1 1/2 in.	Round ...	1/10
67	1 1/2 in.	Reverse Ogee ...	1/10
68	1 1/2 in.	Round ...	1/10
69	1 1/2 in.	Reverse Ogee ...	1/10
70	1 1/2 in.	Round ...	1/10
71	1 1/2 in.	Reverse Ogee ...	1/10
72	1 1/2 in.	Round ...	1/10
73	1 1/2 in.	Reverse Ogee ...	1/10
74	1 1/2 in.	Round ...	1/10
75	1 1/2 in.	Reverse Ogee ...	1/10
76	1 1/2 in.	Round ...	1/10
77	1 1/2 in.	Reverse Ogee ...	1/10
78	1 1/2 in.	Round ...	1/10
79	1 1/2 in.	Reverse Ogee ...	1/10
80	1 1/2 in.	Round ...	1/10
81	1 1/2 in.	Reverse Ogee ...	1/10
82	1 1/2 in.	Round ...	1/10
83	1 1/2 in.	Reverse Ogee ...	1/10
84	1 1/2 in.	Round ...	1/10
85	1 1/2 in.	Reverse Ogee ...	1/10
86	1 1/2 in.	Round ...	1/10
87	1 1/2 in.	Reverse Ogee ...	1/10
88	1 1/2 in.	Round ...	1/10
89	1 1/2 in.	Reverse Ogee ...	1/10
90	1 1/2 in.	Round ...	1/10
91	1 1/2 in.	Reverse Ogee ...	1/10
92	1 1/2 in.	Round ...	1/10
93	1 1/2 in.	Reverse Ogee ...	1/10
94	1 1/2 in.	Round ...	1/10
95	1 1/2 in.	Reverse Ogee ...	1/10
96	1 1/2 in.	Round ...	1/10
97	1 1/2 in.	Reverse Ogee ...	1/10
98	1 1/2 in.	Round ...	1/10
99	1 1/2 in.	Reverse Ogee ...	1/10
100	1 1/2 in.	Round ...	1/10
101	1 1/2 in.	Reverse Ogee ...	1/10
102	1 1/2 in.	Round ...	1/10
103	1 1/2 in.	Reverse Ogee ...	1/10
104	1 1/2 in.	Round ...	1/10
105	1 1/2 in.	Reverse Ogee ...	1/10
106	1 1/2 in.	Round ...	1/10

Orders of 20/- and upwards Carriage Paid (with few exceptions).

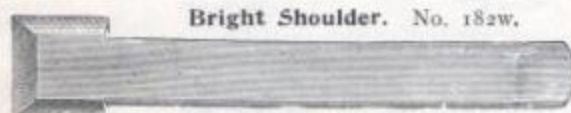
Cutters for Planes, Assorted.

No. 178w.
Hollow and Round.

To No. 12, 1/-; to No. 18, 1/3 per pair.

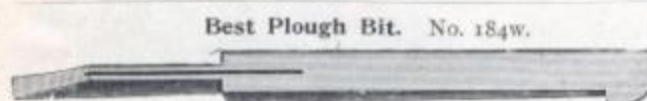
Rebate.
No. 180w. Skew or Square.

To 1	1 1/2	1 1/2	1 3/4	2 in.
-/4 1/2	-/5	-/5 1/2	-/6	-/7 ea.



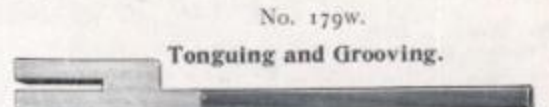
Bright Shoulder. No. 182w.

To 1 1/4 in., -/8 1 1/2 in., -/9 each.

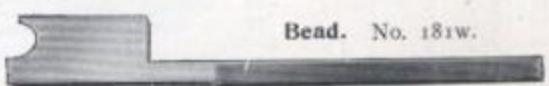


Best Plough Bit. No. 184w.

1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	in.	-/7 each.
The Set of 8, 4/6									

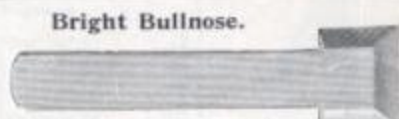
No. 179w.
Tonguing and Grooving.

From 3/8 to 1 in. ... -/10 per pair.



Bead. No. 181w.

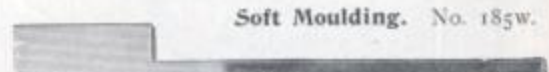
To 1/2 in., -/9 3/4 in., -/10 1 in., -/11



Bright Bullnose.

No.
183w.

To 1 1/4 in. ... -/7 each.



Soft Moulding. No. 185w.

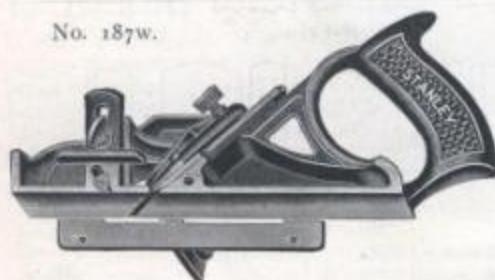
To 1 in., -/3 1 1/2 in., -/4 2 in., -/5

Carriage Maker's Rebate Plane.

The Rosewood Handle and Knob on this plane can be turned to either side, thus allowing ample room for the workman's hands when working close up to perpendicular sides of any height. It is also fitted with spurs on each side so that it will rabbet across the grain equally as well as with it.

Length, 13 in. Cutter, 2 1/2 in.
Price ... 12/9

No. 187w.



No. 186w.



Skew Cutter Fillister and Rebate Plane.

This pattern has an extra wide cutter set on a skew. The Fence and Depth Gauge can be attached to either side so that the plane can be used equally well for right- or left-hand work. The Fence slides under bottom regulating width of cut. The Plane has two adjustable spurs, one on each side. By removing the Depth Gauge, Fence, and Arm, a superior Rebate Plane is obtained.

Length, 8 1/2 in. Cutter, 1 3/4 in.
Price 7/-

CONDITIONS OF WARRANTY.

We warrant all goods bearing our name to be perfect as far as the material and workmanship are concerned. If a tool proves too soft and bends on the edge, or breaks in consequence of a flaw in the steel, and is returned within thirty days from date of purchase, a new tool will be given in exchange. If it is broken where the steel is sound it cannot be exchanged.—R. MELHUISH, LTD.

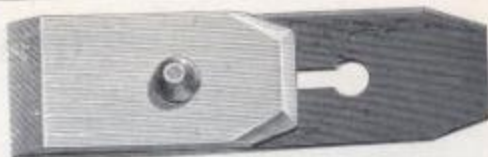
Established 1828.

A large and varied Stock of Engineers' Tools and Motor Accessories.



Plane Cutters.

Sheffield Make.
Fully Warranted.



No. 188w.

No. 189w.

Size...	1 1/2	1 3/4	2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4 in.
C.S. Single Cut Irons	-7	-7 1/2	-8	-8 1/2	-9 1/2	-10 1/2	-11	1/2	1/3 each.
" Double "	1/1	1/2	1/3	1/4	1/5	1/6	1/8	1/10	2/- "
" Single Cut Parallel "	-9	-10	-10	-10 1/2	1/-	1/1	1/2	1/3	1/5 "
" Double "	1/3	1/4	1/5	1/6	1/7	1/10	1/11	2/-	2/3 "
" Bright Double Parallel Irons with Flush Top Irons for Iron Planes	—	—	1/8	1/9	1/10	2/-	2/2	—	—

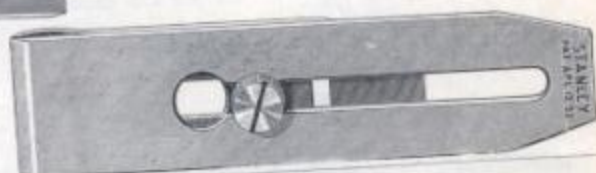
First Quality Cutters for American Planes.

No. 191w.



No. 190w.

Size	1 1/2	1 3/4	2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4 in.
Single...	-9	-10	-11	1/-	1/1	1/2	1/3	1/4	each.
Double	1/4	1/5	1/6	1/8	1/10	1/11	2/-	2/1	per pair.



C.S. Skew Plane Iron.



No. 192w.

Skew Badger Irons, Single,	2 1/2 in. 1/-,	2 3/8 in. 1/1	each.
" " " Double,	" 1/9	" 1/10	pair.

C.S. Tooth Plane Iron.

No. 192 1/2 w.

2 1/2 in. Fine, Medium or Coarse.
-11 each.



Spokeshave Irons.

No. 193w.

Up to	2 1/2	3	3 1/2 in.
Price	-4	-4 1/2	-5 1/2 each.



Beech Plane Handles.

No. 194w.

Open
Jack Plane Handle.
-6 each.



No. 195w.

Closed
Try Plane Handle.
-7 each.



Japanned Malleable.

No. 196w.

Smooth
Plane
Handle.
-4 each.



Double End Match Plane.

No. 197w.

For Grooving and Tonguing. With one side Tongues can be cut, and by reversing ends Grooves can be cut to fit. Length 9 in. Nickel-plated.

Matches 1/2 in. Boards and cut Grooves 1/2 in.	...	...	...	7/6 each.
" 5/8 " " " 5/8 "	...	...	...	7/6 "
" 3/4 " " " 3/4 "	...	...	...	7/6 "



Export Orders have the attention of our experienced men, and a wide knowledge of the various manufactures enables us to execute all foreign orders and commissions efficiently and satisfactorily. We are always pleased to receive communications from our clients abroad.—RICHARD MELHUISH, LTD., London, E.C.

Contractors to the Home, Indian, and Colonial Governments.

Iron Spokeshaves.

No. 198w.



10 in. long, with $2\frac{1}{8}$ in. Double Cutter and Raised Handles.

Price -/9 each. Extra Iron -/3 each.

No. 199w.



10 in. long, with $2\frac{1}{8}$ in. Adjustable Cutter.

Price 1/- each.

Double Iron Hollow-face.

No. 200w.



10 in. x $2\frac{1}{8}$ in.

Price 1/3 each.

Hollow and Straight.

No. 201w.



With $1\frac{1}{2}$ in. Cutters. Price 1/- each. Cutters -/3 each.

No. 202w.



Patent Adjustable (Malleable).

This is a handsomely finished nickel-plated pattern, the Cutting Iron being readily adjusted by means of the milled nut. The Cutting Iron can also be adjusted sideways for setting the edge perfectly square with face.

Price 2/9 each.
Extra Iron -/3 "

Adjustable.

No. 203w.

As illustrated	...	...	...	2/3 each.
Ditto, with Rounded Face	...	...	...	2/3 "
Extra Iron	...	...	...	-/7 "



Round Face.

No. 204w.

These are nicely finished, nickel-plated, and will be found very useful for working in small circles.

A size, 1 in. iron, 1/- each. B size, $1\frac{1}{8}$ in. iron, 1/6 each.



Universal.

Both handles are detachable, thus enabling the owner to work into corners or panels. It has two Detachable Bottoms, adapting it equally well to circular work or straight; and, by means of a movable width gauge, the tool can be used in rebating.

Price 5/6 each.



No. 205w.



Bronze Medal, 1884.—Gold Medal, 1890.

Improved Circular Bead Router.

This has two Cutting Irons, and is made in twelve sizes, varying in sixteenths from $\frac{1}{16}$ to $\frac{1}{4}$ in., and in eighths from $\frac{3}{8}$ to 1 in., the whole forming a complete set of Beads, at 38/6 the set complete.

$\frac{1}{16}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.	
3/-	3/-	3/-	3/-	3/3	3/3	3/6	3/6	3/9	4/-	4/3 each.

No. 206W.



Common Ovolo Router.

This is similar to the Circular Sash Router, and is made to work both "on" and "down" the moulding.

$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$ in.
3/6	3/6	3/9	3/9	4/- each.

No. 207W.



Improved Circular Lamb-Tongue Sash Router.

This is available to work either right or left. It has two Cutting Irons, and is made in the following sizes, viz. $\frac{1}{4}$, $\frac{3}{8}$, and $\frac{1}{2}$ in., to work either lamb-tongue or ovolo sashes, and can be constructed to work with any Plane Maker's Pattern Mouldings.

Price ... 3/6 each.

No. 208W.



Improved Circular Rebating and Fillister Router.

No. 209W.

This tool is an accompaniment to the Sash Router, and has one Cutting Iron and two pairs of Adjustable Fences, and can thus be employed as a Rebating or Moving Fillister Router. The Fences are adjusted for working out the Rebate on various thicknesses by means of a groove along which they slide, being firmly fastened by a screw. Fences are adjustable from $\frac{1}{4}$ to $\frac{1}{2}$ inch.

Price ... 2/9 each.



Patent Adjustment Quirk Router.

The Cutting Irons of the above tool are readily adjusted by means of the milled nut; no hammer is required; by simply turning the nut the irons are adjusted to cut any desired depth.

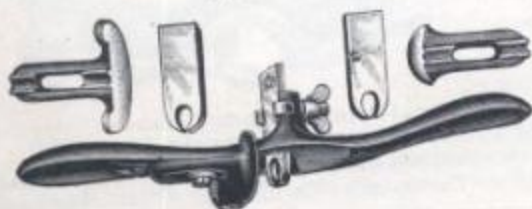
The milled nut also acts as a stop, and prevents the Cutting Iron from being forced back when in use.

Price ... 4/6 each.

No. 210W.



No. 211W.



Circular Quirk Router.

This tool will work either circular, straight, or against the grain, making a Quirk of uniform size. The Irons, which are capable of being set to any depth, possess two Cutting Teeth, slightly broader than the Cutter in the front of which they work. It has three interchangeable Cutting Irons of various thicknesses, which are easily changed and adjusted by means of a thumbscrew.

Price ... 3/9 each.

**Grooving or Depthing Router.**

Drawn Half Size.

No. 212W.

For smoothing the bottoms of grooves and depressions below the surface of small woodwork. The Cutting Irons may be used in the centre as shown, or either knob may be removed and Cutting Iron inserted for getting close into corners.

Price ... 2/6 each.

Adjustable Iron Grooving or Depthing Router, Nickel-plated.

No. 213W.

Drawn about Quarter Size.

For smoothing the bottoms of grooves or cavities below the surface. Two Cutting Irons (one $\frac{5}{16}$ in. and one $\frac{7}{16}$ in.) are supplied with each tool. These are held in position on the upright grooved supports by means of the Collar and Milled Head Screw. They may be used in the position shown in Fig. 1, or fixed and used in the groove on reverse side of centre support. For working close into corners either of the knobs may be removed and the Cutting Iron fixed on one of the end supports as shown in Fig. 2.



Fig. 1.

The Cutting Irons may be adjusted by Milled Nut to the various depths required. When adjusting Cutting Iron slacken Milled Head Screw of Collar.

Price ... 5/6 each.



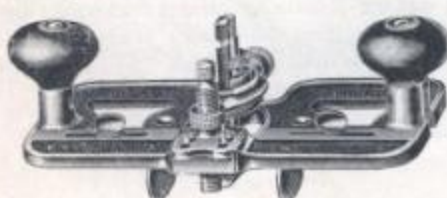
Fig. 2.

Adjustable Iron Grooving or Depthing Router Plane, Nickel-plated.

No. 214W.

Drawn about Quarter Size.

This tool is similar to the foregoing, but has an important addition in the shape of an Adjustable Milled Head Screw Pin and Lock Nut. These are placed in front of Cutting Iron and form a rest and mouth so that the tool works as a Router Plane. Whatever depth is required to be cut the Adjustable Pin can be screwed out to the same depth as the Cutting Iron and locked in position. To compensate for wear of Cutting Iron, the Tool is provided with an Adjustable Sliding Front by means of which the user may always ensure a fine mouth, the result being that



shavings are cut as with a Plane instead of chippings.

The tool is also provided with Right and Left Hand Movable Fences.

Price ... 7/6 each.

**Router Planes.**

Perfectly adapted for smoothing the bottoms of grooves, panels, and all depressions below the general surface of any woodwork. The Bits can be clamped to back of upright post and outside stock for planing into corners, routing out mortises for Sash Pulleys, or smoothing surfaces not easily reached with any other tool.



No. 215W.

Nickel-plated Stock, with $\frac{3}{4}$ in. and $\frac{1}{2}$ in. Steel Bits ... 5/6 each.
Cutters only ... 1/- "



Attachment sent with No. 216W.



No. 216W.

Special Open Front pattern, Nickel-plated Stock, with $\frac{3}{4}$ in. and $\frac{1}{2}$ in. Steel Bits ... 7/- each.
Cutters only ... 1/- "

Orders of 20/- and upwards Carriage Paid (with few exceptions).

No. 217W.



Patent Adjustable Iron Quirk Routers.

No. 218W.



Japanned
finish
with
Bright Parts.



This is a new and entirely novel form of Quirk Router with three cast steel Cutting Irons and two Fences, one for straight and the other for circular work.

The Cutting Irons are readily adjusted by means of the milled nut; no hammer is required; by simply turning the nut the Irons are adjusted to any cut desired.

Price ... 4/9 each.

Another new and entirely novel form of Quirk Router, with three cast steel Cutting Irons and two Fences, one for straight and the other for circular work.

The Cutting Irons are readily adjusted by means of the milled nut; no hammer is required; by simply turning the nut the Irons are adjusted to any cut desired.

Price ... 4/9 each.

Patent Lining or Stringing Routers.

No. 219W.

This will be found a very useful tool to Cabinet and Pianoforte Makers, Fret and other Wood Workers, for inlaying "Strings" and "Bands."



The tool is sent out with 6 Cutters varying in width from $\frac{1}{16}$ in. to $\frac{3}{8}$ in. These are adjusted to the desired depth of cut by means of "Patent Adjustment." It has one fence which is movable and reversible to suit different sweeps of wood.

On very cross-grained wood it would be preferable to gauge lines the width of the "band" before using the broad irons.

Price ... 3/3 each.

Cutting Irons, -/4 each.

No. 220W.

This tool is similar to the foregoing, and will do the same work, but in addition to the 6 Cutters it is supplied with a Round Adjusting Rod which is provided with two screwed holes and a removable pointed screw pin. This pin may be inserted in either hole and the rod adjusted according to desire.

This combination will be found very useful when inlaying curves. When using the tool for curves, the fence should be entirely removed.

Price ... 4/6 each.

Cutting Irons -/4 each.



IMPORTANT TO THOSE ORDERING THROUGH SHIPPERS. - In order to ensure getting complete satisfaction, we advise our friends to be careful in giving definite instructions that the goods shall be procured direct from our house. By this means you may be sure of receiving the patterns and quality specified in our Catalogues. - R. MELHUISH, LTD.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Best Quality Wood Spokeshaves.

No. 221W.

Round Face Beechwood.

Sizes $1\frac{1}{2}$ $1\frac{3}{4}$ 2 in.
 Price -/9 -/9 -/9 each.



No. 222W.

Round Face Boxwood.

Sizes $1\frac{1}{2}$ $1\frac{3}{4}$ $1\frac{1}{2}$ 2 in.
 Price 1/- 1/- 1/- 1/- each.

No. 223W.

Best Beech (Flat).

$2\frac{1}{2}$ $2\frac{3}{4}$ 3 $3\frac{1}{2}$ 4 in.
 -/9 -/9 -/11 1/- 1/4 ea.



No. 223½W.

Best Boxwood (Flat).

$2\frac{1}{2}$ $2\frac{3}{4}$ 3 $3\frac{1}{2}$ 4 in.
 1/2 1/3 1/4 1/6 1/9 ea.

No. 224W. Wheelers' or Coachmakers' Beech, $2\frac{1}{2}$ in. $1\frac{1}{6}$... $2\frac{1}{2}$ in. $1\frac{1}{6}$... 3 in. $1\frac{1}{8}$... $3\frac{1}{2}$ in. 2/- ... 4 in. $2\frac{2}{3}$ each.
 No. 224½W. Coopers' Beech ... 4 in. $2\frac{2}{3}$... $4\frac{1}{2}$ in. $2\frac{2}{6}$... 5 in. $2\frac{2}{9}$... $5\frac{1}{2}$ in. 3/- ... 6 in. $3\frac{2}{3}$ each.

No. 225W.
Beech.

Brass Plated.
 $2\frac{1}{2}$ 3 in.
 1/3 1/6 each.



No. 226W.

Boxwood.

Brass Plated.
 $2\frac{1}{2}$ 3 in.
 1/6 1/9 each.

No. 227W.

Beech, Plated.

Adjusting Irons.
 $2\frac{1}{2}$ 3 in.
 2/6 3/- each.



No. 228W.

Boxwood, Plated.

Adjusting Irons.
 $2\frac{1}{2}$ 3 in.
 3/- 3/3 each.

Spokeshave with Detachable Handles.



No. 229W.

The circular shape of this tool enables it to work in smaller circles than other Shaves.
 The angle of the Knife is such that it cuts instead of scraping the grain of the wood. Either handle can be removed to work in cramped places. Price 3/3 each.

Improved Four-Faced Spokeshave.



No. 230W.

This Shave has a throat regulator which will present to the knife four faces; one flat, two oval or convex, and one concave. With either face a wide or narrow throat may be had. Price 4/6 each.

Chamfer Shave.

No. 231W.



This Shave can be easily adjusted by means of thumb-screws attached to the guides, and will chamfer any desired width up to $1\frac{1}{2}$ in. It is round-faced, therefore suitable for Circular Work.

Price 1/6 each.

Patent Adjustable Stop Chamfer Shave.

No. 232W.



With Patent Adjustment to Cutting Iron.
 This tool makes its own Stop. This is a great advantage, as both the Chamfer and Stop are made at the same time, thus dispensing with the use of the chisel.

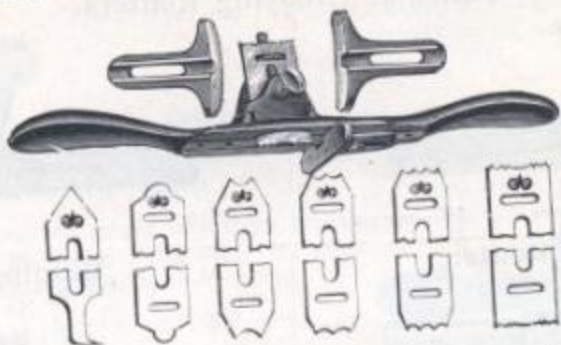
Price 3/3 each.

Contractors to the Home, Indian, and Colonial Governments.

Improved Patent Hand Reeding and Moulding Tool.

No. 233w.

This is the most improved form of Reeding and Moulding Tool yet produced. It is nicely finished, and a milled nut is provided for



the exact adjustment of the iron. Three Fences—concave, convex, and straight—are included. Six Cutters, as illustrated, are supplied with each tool.

Price, complete with 6 cutters... 5/6 each.

Universal Hand Bearer.



No. 234w.

SAMPLE
OF
WORK



DONE
BY
BEADER.

This is an invaluable tool for Beading, Reeding, or Fluting straight or irregular surfaces, and for all kinds of Routing. An adjustable Fence is provided for straight work and an oval one for curved work. Six double-ended Cutters are supplied with each tool, embracing 6 beads, 4 sets of reeds, and 2 fluters. Nickel-plated finish.

Price, complete in box ... 3/6 each.

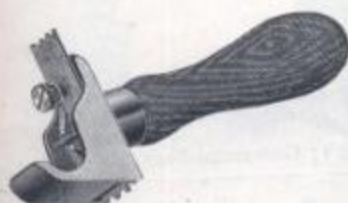
Single Handed Bearer.

No. 235w.

For Beading, Reeding, or Fluting Diagonal Line, etc.

Nickel-plated, with 6 Steel Cutters and 1 Blank.

Price ... 2/9 each.

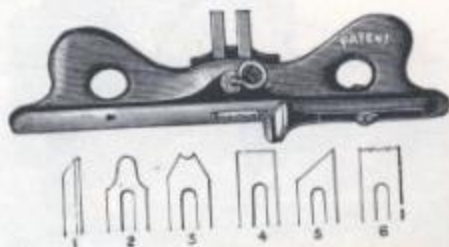


Reeding and Moulding Tool.

No. 236w.

This will be found a most useful small hand tool for Reeding and Moulding. Six Cutters are sent, as shown, with each tool. No. 1 forms a Cutting Gauge and Grooving Tool; Nos. 4 and 5 are adapted for Rebating Picture Frames, etc.; No. 5 is also useful for Chamfering; also useful for Fret Workers and Wood Carvers.

With 6 Steel Cutters as drawn, 2/3 each.



Bronze Medal, 1884.—Gold Medal, 1890.

Coachmakers' Routers, etc.

Fence or Grooving Routers.

No. 237W.



London Pattern, with Thumbscrew ... 16/- per pair.

Jigger or Side Router.

No. 239W.



With Gun-metal Fittings ... 12/- each.

Boxing Router. No. 241W.



With Iron ... 3/6 each.
Cutters, $\frac{1}{2}$ in., -/7; $\frac{3}{8}$ in., -/7; $\frac{1}{2}$ in., -/9

Wheeler's Rounder.

No. 243W.



Tapering ...	$\frac{1}{2} \times \frac{1}{2}$	$1 \times \frac{1}{2}$	$1 \frac{1}{2} \times \frac{1}{2}$	$1 \frac{1}{2} \times 1$ in.
	4/9	5/-	5/7	6/6 each.
Tapering ...	$1 \frac{1}{2} \times 1 \frac{1}{2}$	$1 \frac{1}{2} \times 1 \frac{1}{2}$	$1 \frac{1}{2} \times 1 \frac{1}{2}$	$1 \frac{1}{2} \times 1 \frac{1}{2}$ in.
	6/9	7/6	8/6	9/6 each

Fork Shaft Rounder.

No. 245W.



Fork Shaft Rounders (or Screw Engines) ... 6/6 each.
" " " Plated with Brass ... 10/- "



No. 238W.



Price ... 16/- per pair.

Beading Router.

No. 240W.



With one pair Irons ... 8/-
Extra Irons ... 1/3 per pair.

Pistol Router.

No. 242W.



Price ... 14/- per pair.

Wheeler's Jarvis.

No. 244W.



With Iron Face, 11/- each; Gun-metal Face, 12/- each.

Old Woman's

Tooth Plane.

No.

246W.

Router

Pattern.

Without Iron, 2/- each.

With Iron, 2/7 each.



Tool, Machine, and Hardware Merchants and Manufacturers.

No. 247W.

Improved Wood Scraper.



This Scraper can be adjusted to any desired pitch, and it has detachable handle for working in corners.

Price ...	...	...	...	...	...	3/3 each.
Cutters ...	...	...	...	...	extra	-/8 "

Stanley Cabinet Scraper.

The blade of this Scraper may be sprung to a slight curve by the thumb-screw shown at the centre of the cut, which will be found a great advantage in working with this tool.

Raised handles, 11 in., 2 3/4 in. blade ...	3/6 each.
Cutters for above ...	-/10 "

No. 248W.



Cabinet Scrapers.

No. 249W.



Steel Cabinet Scraper Blades.

4	5	6 in.
-/4	-/4 1/2	-/5 each.

No. 250W.



Cabinet Makers' Curved Steel Scrapers.

Price ... -/8 each.

No. 251W.



Concave and Convex Scraper.

4 in. by 2 3/8 in. wide ...	-/6 each.
5 1/2 " 2 3/8 " ...	-/8 "

C.S. Cabinet or Joiners' Scrapers.

No. 252W.



4 1/2 in. Blade, Best Riveted Hardwood Handle and Wedge.

Price ... 1/6 each.

Scraper Sharpeners.

No. 253W.



Price ... -/6 each.

Adjustable Chisel Gauge.

No. 254W.

Attach to a 1/4 in. Chisel (with bevelled edge up) and a shaving of any desired thickness can be raised for blind-nailing or for inlaying wood strips in ornamental surface work.

Chisel Gauge, steel stock ... -/10 each.



Cornering Tool.

No. 255W.

This tool is made with a different size cutter at each end so sharpened that the user can always cut with the grain without changing the position of the work.

Price ... -/10 each.



Orders of 20/- and upwards Carriage Paid (with few exceptions).



Boxwood Handled Draw Knives.

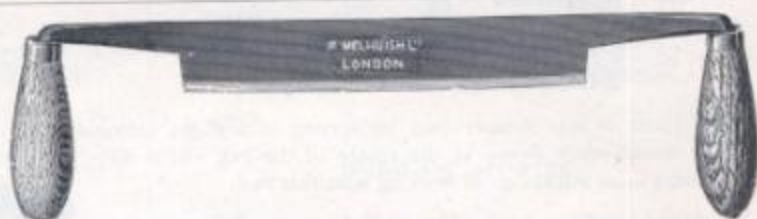
No. 256W.

Size	4 1/2	5	6	7 in.
Price	1/6	1/6	2/-	2/4 each.

Best Cast Steel Carpenter's Draw Knives.

No. 257W.

Size	8	9	10	12 in.
Price	2/-	2/2	2/4	2/9 each.



Best Bright Cast Steel Curved Pattern Draw Knives.

No. 258W.

Size	8	9	10	12 in.
Price	2/-	2/2	2/6	2/9 each.



Coopers' Draw Knives.

No. 259W.

Size	8	10	12 in.
Best C.S. Coopers' Draw Knives	2/3	2/6	3/3 each.
" Wheelers' "	2/9	3/-	3/6 "



Dowel Plates.

No. 260W.

A.—1/4, 1/2, 3/4 in., 3 holes	1/2 each.
B.—1/4, 1/2, 3/4, 1 in., 4 holes	1/6 "
C.—1/4, 1/2, 3/4, 1, 1 1/4 in., 5 holes	2/- "
D.—1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2 in., 6 holes	2/6 "

No. 261W.—Patent Dowel Plates with V-groove inside each hole for grooving the dowel peg, which allows the air and superfluous glue to get away, thus avoiding burst holes in the work.

Price ... B, 3/- C, 3/3 D, 4/- each.



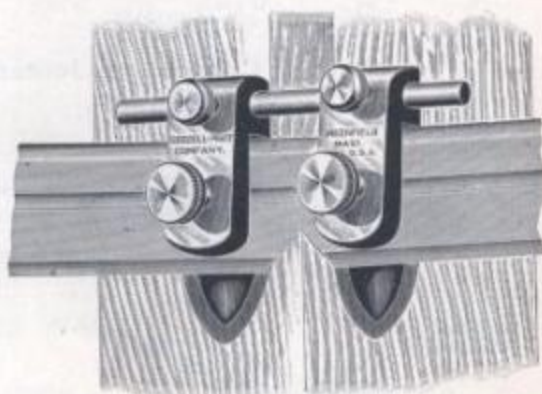
Dowels, or Round Sticks.

No. 263W.

Diameter	1/4	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2 in.
Length	36	36	36	36	36	36	36	42 "
Price	3/6	3/6	4/-	4/3	4/6	5/-	5/9	7/6 per 100.
	-/8	-/8	-/9	-/10	-/11	1/-	1/2	1/6 " doz.

Draw Knife Guides.

No. 262W.



This Tool, sometimes called a Chamfer Gauge, is particularly useful in cornering heavy timber, it ensures evenness and uniformity in the width of the chamfer, and enables the operator to do a good job and save much time. Can be attached without difficulty to any ordinary Draw Knife.

The back of the Guides are polished, the faces and knurled head thumb-screws nickel-plated.

Price (Guides only) ... 3/- per pair.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Plane Fittings.

No. 264w.



Malleable Iron Smooth Plane Fronts.

With Screw and Cup.

Price 1/9 each.

No. 264½w.



Gun-metal Levers.

2 2½ 2¾ 2⅞ in.
2/- 2/3 2/6 2/9 each.

No. 265w.



Screws, Cup and Diamond.

Price -/4½ each.

No. 266w.



Left Hand Sash Fillister Stops.

Price 1/8 each.

Right Hand Sash Fillister Stops.

Price 1/2 each.

Other Fittings.

Best Improved Plough Stops, with Steel Plates	2/3 each.
Stops only	1/6 "
Plates only	per pair 1/-
Best Improved Plough Stops, with Steel Plates, Skate end	per set 3/-
Stops only	1/6 each.
Skate end Plates	per pair 1/6

Small Slip Stops	... -/5 each.
Large Slip Stops	... -/6 "
Best Moving Fillister Stops	... 1/8 "
Compass Smoothing Stops	... 1/3 "

Circular Plough Stops, for handled ploughs	... 3/6 each.
Short Plough Rivets	... -/8 doz.
Long Plough Rivets	... -/9 "
Small Fillister Screws	... -/9 "
Large Fillister Screws	... -/10 "
Top Iron Screws	... -/1 each.

Price List of Machine-Planed Castings, ready for Inside Fittings.

Iron Panel Planes for Wedge.			
Length	9	12½	15½ in.
Plane Iron	2½	2½	2½ "
Price	6/6	8/6	9/6 each.

If for Gun-metal Lever, 1/6 extra.

Bullnose Planes.

Size	1	1½	1¾ in.
Cast Iron	2/9	3/-	3/3 each.
Malleable Iron	3/3	3/6	3/9 "
Gun-metal	4/6	4/9	5/- "
" with Steel Face	5/6	5/9	6/3 "

Chariot Planes.			
Size	1½	1½ in.	
Cast Iron	3/-	3/6 each.	
Malleable Iron	4/6	5/6 "	
Gun-metal	4/9	5/6 "	
" with Steel Face	6/6	7/3 "	

With Screw Lever, 1/3 extra.

Shoulder Planes.

Size	1½	1½ in.	
Cast Iron	5/6	5/9 each.	
Malleable Iron	7/9	8/3 "	
Gun-metal	10/6	11/6 "	
" with Steel Face	13/-	13/6 "	

Smoothing Planes.

Size	1½	2	2½	2½ in.	Size	1½	2	2½	2½ in.	Size	1½	2	2½	2½ in.
Price, Cast Iron	6/-	6/6	6/9	8/3 ea.	Malleable Iron	7/-	7/9	8/3	8/9 ea.	Gun-metal	9/9	10/6	11/-	11/9
If for Gun-metal Lever, extra to 2 in. 1/9; above, 2/- extra.										" with Steel Face 11/6 12/6 13/6 14/-				

Rebate Planes.

Size	¾	¾	¾	¾	1 in.
Length	4½	4½	8	8	8 "
Price	4/-	4/-	6/-	6/-	6/6 each.

Wood or Iron Planes trued up and repaired by our practical workmen.

R. MELHUISH, LTD

Contractors to the Home, Indian, and Colonial Governments.



Japanned Iron Plumb Bob.

No. 267w.

Weight.	Price.
$\frac{1}{4}$ lb. ...	-/7 each.
$\frac{1}{2}$ " ...	-/8 "
$\frac{3}{4}$ " ...	-/9 "
1 " ...	-/10 "
$1\frac{1}{4}$ " ...	-/11 "
$1\frac{1}{2}$ " ...	1/- "
$1\frac{3}{4}$ " ...	1/1 "
2 " ...	1/2 "

Lead Plumb Bob.



No.	Price.
268w. Turned.	
1 lb. ...	-/6 each.
$1\frac{1}{2}$ " ...	-/9 "
2 " ...	1/- "
$2\frac{1}{2}$ " ...	1/6 "

Brass Plumb Bob.

With Screw Top.

No. 269w.

Weight.	Price.
$3\frac{1}{2}$ oz. ...	1/- each.
$4\frac{1}{2}$ " ...	1/2 "
6 " ...	1/4 "
8 " ...	1/6 "
10 " ...	1/9 "
13 " ...	2/- "
16 " ...	2/6 "
20 " ...	3/6 "



No. 270w.

Patent Adjustable Plumb and Level.

In Mahogany.

Length 3 ft. 6 in.

Width $3\frac{1}{4}$ in.

Price 7/- each.



Adjustable

Constructed with a Reel at upper end on which the line is wound.

By holding Bob by the ring and dropping it with a slight jerk, any desired length of line may be reeled off.

A Spring, which has its bearing on the Reel, will check



No. 271w.

Length $3\frac{1}{2}$ in.	Brass ...	Price 5/6 each.
" $4\frac{1}{2}$ in.	Nickel (iron) ...	" 3/6 "

Plumb Bob.

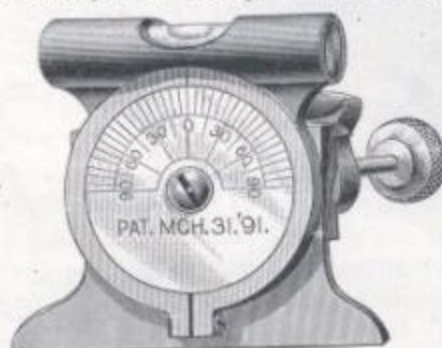
the line and hold it firm at any point.

The power of the Spring may be increased or decreased by means of the Screw which passes through the Reel.

A suitable length of line is sent out reeled on each Bob.

Combination Level, Plumb, Inclino-meter, and Bevel Protractor.

No. 273w.



This tool will be found very handy for many purposes, it can be applied to a square, straight edge, or boring bit. Nicely finished.

Price ... 3/9 each.

No. 272w.

Plumb and Level.

Brass arch top plate, side views, polished mahogany stock, with one rounded end.

May be used with Plumb Bob and Line.

Length 42 in.

Price 7/6 each.



Bronze Medal, 1884.—Gold Medal, 1890.

Level for Bit and Square.



No. 274W.

A Thumbscrew secures the Level to the Bit. Perpendicular or Horizontal Boring can be done with perfect accuracy. When attached to the horizontal leg of a carpenter's square, a spirit level is obtained, and the upright leg of the square will indicate a plumb.



Bit and Square Level, Brass Frame, in a box ... 1/3 each.

Improved Level Sights.



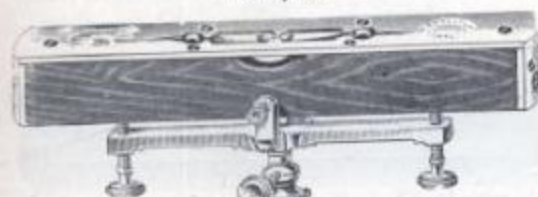
No. 275W.

Can be attached to any level. An accurate means of levelling from one given point to another at a long distance.

Packed in case, 2/3 pair.



No. 276W.



**Best
Field-Sight
Surveying
Level.**

10 in. Level.
Price 14/- each.

No. 276½W. Sur-
veying Level with
Telescope Body
8 in. long. Object
level on Telescope
parallel; plates to

Price

**Mounted
on
Wood
Staff.**

12 in. Level.
Price 16/- each.

unscrew from the
limb. In Mahogany
case with Capstan
Pin and Tripod
Stand.

... .. 95/-

No. 277W.



**Best
Field-Sight
Surveying
Level.**

10 in. Level.
Price
28/- each.

**Mounted
on
Tripod
Stand.**

12 in. Level.
Price
30/- each.

Spirit Levels—Warranted Correct.



No. 278w.

	6	8	10 in.
Brass plated Top	7/-	9/-	11/- each.
" " " (tipped bottom) ...	1/-	1/3	1/6 "



No. 280w.

Ebony, Brass plated Top, Brass tipped Bottom.			
6	8	10	12 in.
1/5	1/6	1/8	2/- each.



No. 282w.

Extra quality, Best Plated Ebony.			
8	10	12 in.	
2/6	3/6	4/6 each.	

Engineer's Spirit Level.



No. 285w.

A very handy form of Iron Level with V-shaped base for standing on shafting and other round surfaces. It is accurately machined and highly finished, nickel-plated and packed in velvet-lined case.

	4	6 in.
With Best Proved Tubes ...	2/9	3/6 each.
" Patent Cat's Eye Tubes	3/-	3/9 "

Patent "Cat's Eye"

No. 288w.

A novel form in which the Air Bubble (resembling a Cat's Eye) is very easily and quickly distinguished. These Tubes can be fitted to most of the Levels shown in this catalogue at an extra charge of—Tubes only, 1 1/2 in. -/3, 2 in. -/5, 2 1/2 in. -/6, 3 in. -/7, 3 1/2 in. -/7, 4 in. -/8 each.

Spirit Level Tubes.

No. 289w.

Size ...	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	4 1/2	5 in.
	-/1 1/2	-/2	-/2	-/2	-/2 1/2	-/3	-/3 1/2	-/4	-/5 each.

Best Fine Proved.



No. 279w.

	8	10	12 in.
Heavy Brass plated Top	1/3	1/6	2/- each.
" " " (tipped bottom) ...	1/7	1/9	2/3 "



No. 281w.

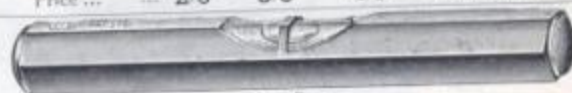
Ebony, Heavy Brass plated Top, Brass tipped Bottom.			
8	10	12 in.	
2/-	2/9	3/3 each.	



No. 283w.

All Brass mounted Level, with revolving protector, fitted over tube bulb and sliding case.

	6	8	10	12 in.
Price ...	2/6	3/6	4/3	5/6 each.



No. 284w.

Hexagon Pocket Levels, Nickel-plated.
2 1/2 in., 1/- 3 in., 1/3 4 in., 1/9 each.
Round Cloth Covered Cases for ditto, 1/2 each.

Small Brass Pocket Levels.

No. 286w.

In Boxwood Case.
Price ... 9/- each.



No. 287w.

In Cloth Case



1/3 each.

Spirit Level Tubes.



Orders of 20/- and upwards Carriage Paid (with few exceptions).

Rd. MELHUISE, Ltd., Fetter Lane, Holborn Circus, London, E.C. 41

Plumb and Spirit Levels—Warranted.



No. 290W.

Rosewood, Ornamental Brass Plated and Tipped Bottom.

	6	9	12 in.
Price	1/6	1/9	2/3 each.
Without Plumb	1/3	1/6	1/9 "



No. 291W.

Mason's Boxwood Rule and Level.

Tipped Bottom and Ends	6	9	12 in.
Price	1/9	2/-	2/6 each.



No. 292W.

Improved Concave Side Grip Plumb and Level.

Polished Hardwood Stock, Brass Arch Top Plate,			
Side Views.	12	15	18 in.
Price	1/9	2/-	2/3 each.



No. 293W.

Improved Adjustable Pattern.

Brass Arch Top Plate, Side Views, Half Brass Tipped.

	24	27	30 in.
Price	4/6	4/9	5/- each.



No. 294W. IMPROVED CONCAVE SIDE GRIP DOUBLE PLUMB AND LEVEL.

Polished Hardwood Stock, Brass Arch Top Plate, side views. Length, 36 in. 5/9 each. Packing 6d. extra.

Special Pattern Iron Plumb and Spirit Level.

Accurately planed bottom, and thoroughly tested before leaving works.

Length	15	24 in.
Price	7/-	10/- each.



No. 295W.



No. 296W. Improved Adjustable—Patent. Mahogany Stock, Brass Arch Top Plate, Brass Lipped Side Views, Full Brass Tipped.

Length	24	27	30 in.
Price	6/3	6/9	7/- each.

No. 297W. The "Climax" Spirit Level.

The Groove and Base being machined at one operation are perfectly true to each other. The groove enables the Level to be used for Cylindrical Work, Shafting, Piping, etc., and the Base is also improved for ordinary Flat Work.

Adjustable Level, black japanned, iron base, nickel-plated fittings, revolving Tube to protect Glass. In 6-in. and 8-in.

Price 5/3 each.



In 12-in., as a Plumb and Cross Level, Adjustable Tube, black japanned, heavy nickel-plated fittings, revolving Tube to protect Glass.

Price 8/9 each.

Japanned Iron Frame Plumb and Spirit Level.

No. 298W. New Patent and Highly Finished. Nickel-plated and Glass Plates to both sides.



Every Level is thoroughly tested before leaving factory.

12 in. long.

Price 13/- each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Adjustable Plumb and Spirit Levels.

No. 299w.



Fitted with
Best Tested
Tubes.

The Bubble Tube is set in a metallic case attached to the brass top plate of the Level. By means of an Adjustable Screw the Tube can be instantly adjusted to a position parallel with the bottom of the Level.

A. Mahogany and polished Walnut Triple Stock, with Brass-lipped side views, full Brass tipped, as illustrated	...	24 in.,	7/6	...	30 in.,	8/6 each.
B. Plain Mahogany Stock, complete	...	"	6/6	...	"	7/- "
C. Stained and Polished Stock, ditto	...	"	5/-	...	"	6/- "

No. 300w. Fitted with Best Tested Tubes.



In this pattern the Bubble Tube is set in a special Brass Frame with very large openings at the top and sides. These openings are fitted with glass panels, and enable the user to see the bubble very plainly and from a distance. The large side views are particularly useful for testing overhead work. This Level is also proved on the top, so that it can be used for testing overhead work from the top of the Level in places where it is not possible to place the Level on its base.

In Mahogany, French polished	...	6/- each.
Ditto, Brass-tipped top and bottom corners, as illustrated	...	6/6 "
Leather Cases for ditto,	3/6 each.	

No. 301w.

Fitted with
Best Tested Glasses.



Fitted with
Best Tested Glasses.

With Solid Cherry Stock, natural finish. Brass top plate fastened with brass screws, two brass-lipped side views, two brass-lipped plumb views, both plumb and level glasses proved and set in glass tubes.
18 in. long, 4/3 each. 24 in. long, 4/9 each. 30 in. long, 5/6 each.

No. 302w.
Adjustable.



Fitted with
Best Proved
Glasses.

Same quality and finish as foregoing. Length, 30 in., 6/6 each.

"Stanley" Odd Jobs.

No. 303w.

This Tool embraces in itself, and when in combination with an ordinary carpenter's rule, Try Square; Mitre Square; T Square; Marking, Mortise, and Depth Gauge; Mitre Level; Spirit Level; and Plumb Beam Compass. Also Inside Square for making boxes and frames.

A Mechanic who has this Tool to use on his Rule can do all ordinary jobs with only a Saw, a Hammer, and a Plane in addition.

The Tool is now sent out with a 12-inch graduated Ruler inserted in it; and near one end of the Ruler is an Adjustable Steel Point.

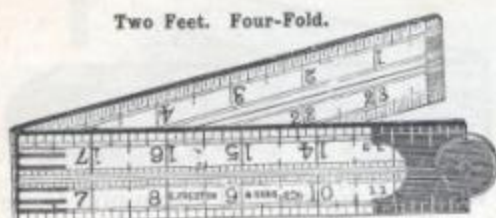
Price, Level and Rule, nickel-plated, 2/9 each.



Contractors to the Home, Indian, and Colonial Governments.

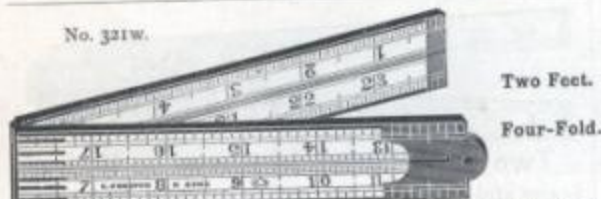
Boxwood Rules.

Two Feet. Four-Fold.



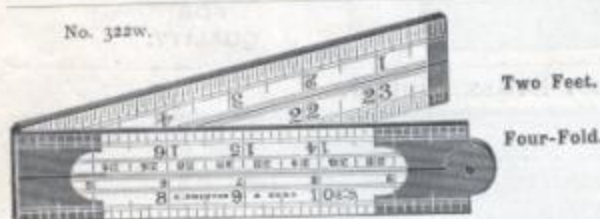
- No. 315w. Round Joint ... $\frac{1}{2}$ in., -/5 ... 1 in., -/6 each.
 No. 316w. Arch Joint and Polished, marked 8ths, 16ths, 10ths, and 12ths.
 Width, 1 in., -/9 ... $\frac{1}{2}$ in., -/11 ... $\frac{1}{2}$ in., 1/- each.

No. 321w.

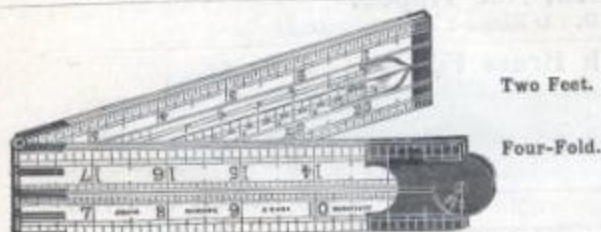


- Arch Joint, Brass Bound Outside Edges, marked 8ths, 16ths, 10ths, and 12ths.
 Width, 1 in., 1/6 ... $\frac{1}{2}$ in., 1/8 ... $\frac{1}{2}$ in., 1/10 each.

No. 322w.



- 3-Arch Joints, Brass Pinholes, marked 8ths, 16ths, and Scales.
 Width, $\frac{1}{2}$ in., 1/9 ... $\frac{1}{2}$ in., 1/10 ... $\frac{1}{2}$ in., 2/-



- No. 326w. Arch Joint, Bevelled Edges, with various drawing scales in 8ths, 16ths, 10ths, and 12ths.
 4 Scales. Width, 1 in., 1/6 each.
 No. 326½w. 8 Scales, and Brass Edge Plates.
 Width, 1 in., 1/9 ... $\frac{1}{2}$ in., 2/3 each.

- No. 329w. Brass Pinholes, marked 8ths, 16ths, 10ths, and 12ths.

Width, 1 in. ... 1/- each.

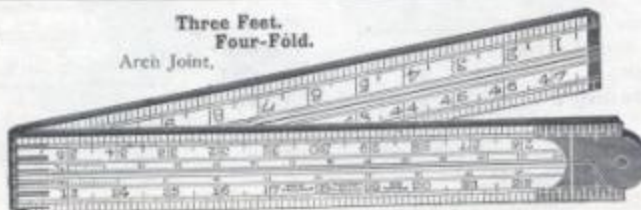
- No. 330w. Ditto, with Scales.

Width, $\frac{1}{2}$ in. ... 1/3 each.

- No. 331w. Edge Plates, 8ths, 16ths, and Scales.

Width, $\frac{1}{2}$ in. ... 1/9 each.

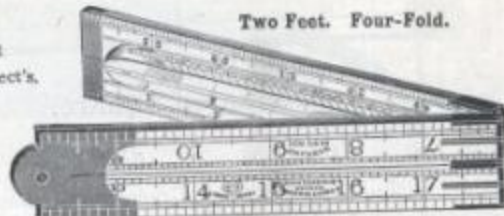
- No. 333½w. Coachmaker's. Four feet, Four-Fold, Arch Joints, marked 8ths, 16ths, 10ths, 12ths, and Scales. Width, $\frac{1}{2}$ in. ... 2/6 each.



Extra Best Architect's.

With Steel Plates in Joints.

Two Feet. Four-Fold.

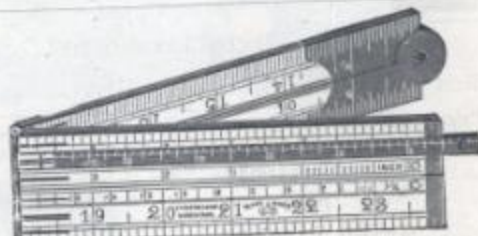


- No. 317w. Arch Joint, Bevelled Edges, 8 Scales.
 Width, 1 in., 2/6 ... $\frac{1}{2}$ in., 2/9 each.
 No. 318w. 8 Scales, German Silver.
 Width, 1 in., 3/3 ... $\frac{1}{2}$ in., 3/9 each.
 No. 319w. 16 Scales, German Silver, and Edge Plates.
 Width, $\frac{1}{2}$ in., 5/- each.
 No. 320w. 8 Drawing and 4 Chain Scales, 8 Bevels, German Silver.
 Width, 1 in., 4/6 ... $\frac{1}{2}$ in., 5/6 each.

Two Feet.

Four-Fold.

With Brass Slide.



- No. 323w. Marked 16ths Width, 1 in. ... 1/9 each.
 No. 324w. Marked 8ths, 10ths, 12ths, Scales and Timber Tables. Width, $\frac{1}{2}$ in. ... 2/6 each.
 No. 325w. One foot four-fold Rule with Slide and Calliper Gauge.
 Width, $\frac{1}{2}$ in. ... 2/- each.

No. 327w.

Two Feet. Four-fold.

Very bold markings.

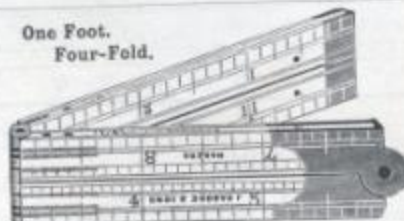
Size of figures, $\frac{1}{8}$ in.



Marked 8ths.

Width, $\frac{1}{2}$ in. ... 1/- ea.

One Foot. Four-Fold.



- No. 328w. Round Joint.
 Width, $\frac{1}{2}$ in., -/5 ea.

- Arch Joint (as illustrated).
 Width, $\frac{1}{2}$ in., -/8 ea.

- No. 332w. Brass Bound Outside Edges, marked 8ths, 16ths, 10ths, and 12ths.

Width, $\frac{1}{2}$ in. ... 2/- each.

- No. 333w. Ditto, marked 16ths, and Scales.

Width, $\frac{1}{2}$ in. ... 2/3 each.

Tool, Machine, and Hardware Merchants and Manufacturers.

Ivory Rules.

One Foot Four-Fold, German Silver Mounts.

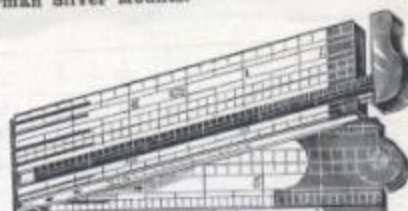
No. 334w. $\frac{1}{2}$ in. wide, Round Joints, Brass Mounts. Price 2/6.

No. 335w.

$\frac{1}{2}$ in. wide, Arch Joint, marked 8ths, 16ths, 10ths, 12ths, and Scales ... Price 5/-

No. 335 $\frac{1}{2}$ w.

Ditto, with Edge Plates ... Price 7/6

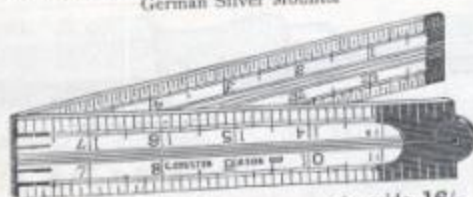


No. 336w.

$\frac{1}{2}$ in. wide, Arch Joint, marked 8ths, 16ths, 10ths, 12ths, and Scales, with Calliper Gauge. Price ... 10/6

No. 337w.

Two Foot Four-Fold Ivory. Marked 8ths, 16ths, 10ths, 12ths. German Silver Mounts.



$\frac{1}{2}$ in. wide. Price 15/- ... $\frac{1}{4}$ in. wide, 16/-

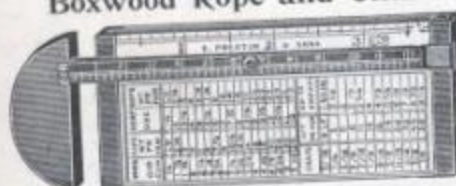
No. 338w. Two Foot Four-Fold Ivory.

With Bevelled Edge. Marked 8ths and 16ths, with Drawing and Chain Scales.



$\frac{1}{2}$ in. wide. Price 18/- ... $\frac{1}{4}$ in. wide, with degrees, 21/6

Boxwood Rope and Chain Gauge.



No. 339w.

4 in. long, 1/9

6 " " 2/6

Boxwood Button Gauge. No. 340w.



Slide marked in 40ths.

$\frac{1}{2}$ in. long, " wide.

Price 1/2 each.

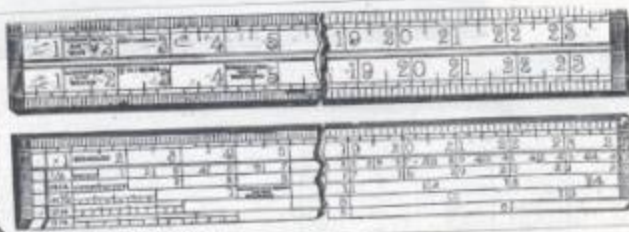
All-Boxwood Sliding Calliper Gauge.

No. 340 $\frac{1}{2}$ w.

Similar Pattern to above. Marked English and Metric. Price -/9 each.

Pattern Maker's Contraction Rules.

24 in. Boxwood. Marked inches in 16ths with Bevelled Edge.



Prices.

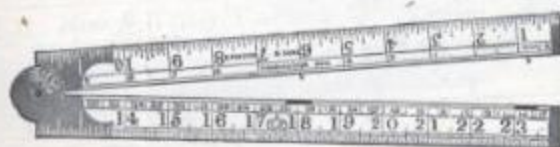
No. 341w. Standard and Single Contraction for Iron, 2/6

No. 342w. Ditto, for Brass, 2/6

No. 343w. Ditto, for Iron and Brass, 3/-

Two Feet Two-Fold Boxwood Rules. $\frac{1}{2}$ in. wide.

With Slide, marked 8ths and 16ths



No. 344w. Square Joint, marked 8ths ... Price -/6

" 345w. Arch Joint, marked 8ths, 16ths, and Scales... " -/9

" 345 $\frac{1}{2}$ w. " " 4 Scales, 8 Square Line, Bevelled Edge ... " 1/-

" 346w. " " 8 Scales, 8 Square Line, Double Bevelled Edge ... " 1/3

" 347w. " " 6 Scales, 4ths, 8ths, 10ths, 12ths, and 16ths, and Double Bevelled Edge ... " 1/6



No. 348w. Arch Joint, 10ths and 12ths, 8 Square Line Price 1/-

" 349w. " " 2 Scales and 8 Square Line, Bevelled Edge ... " 1/3

" 350w. " " 4 Scales and 8 Square Line, Bevelled Edge and Angles ... " 1/6

" 351w. " " 2 Scales and 8 Square Line, Bevelled Edge, Slide, marked 8ths and Gunter's Line ... " 1/9

" 352w. " " 6 Scales, 8 Square Line, and Gunter's Line, Bevelled Edge ... " 2/-

Orders of 20/- and upwards Carriage Paid (with few exceptions).



No. 353W.

Size	... 1/8	... 3/8	... 1/2	... 3/4	... 7/8	... 1	... 1 1/8	... 1 1/4	... 1 1/2	... 1 3/4	... 2	... 2 1/4	... 2 1/2	... 2 3/4	... 3	in.
Unhandled ...	-3 1/2	-3 1/2	-3 1/2	-3 1/2	-4	-4	-4 1/2	-4 1/2	-5	-5	-6	-6 1/2	-9	-11	1/2	1/4 ea.
With Ash Handles	-5 1/2	-5 1/2	-5 1/2	-5 1/2	-6	-6	-6 1/2	-6 1/2	-7	-7 1/2	-8 1/2	-9	-10 1/2	-11 1/2	1/2	1/8 "
With Oval Box Handles	-6 1/2	-6 1/2	-6 1/2	-6 1/2	-7	-7	-7 1/2	-7 1/2	-8	-8 1/2	-9	-10 1/2	1 0 1/2	1 3	1 6	1 9 "
With Octagon Box Handles	-6 1/2	-6 1/2	-6 1/2	-6 1/2	-7	-7	-7 1/2	-7 1/2	-9	-9 1/2	-10 1/2	-11	1 2	1 4	1 8	1 10 "
Strong Firmer ...	-4 1/2	-4 1/2	-4 1/2	-4 1/2	-5	-5	-5 1/2	-5 1/2	-6	-7	-8	-9	-11	1 1	—	—
With Ash Handles	-6	-6	-6	-6	-6 1/2	-6 1/2	-7	-7	-7 1/2	-8 1/2	-9 1/2	-10 1/2	1 2	1 3	—	—

Bevelled-edge Firmer Chisels.



Size	...	...	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.				
Unhandled	-7	-7	-7	-7	-7 $\frac{1}{2}$	-7 $\frac{1}{2}$	-7 $\frac{1}{2}$	-8 $\frac{1}{2}$	-8 $\frac{1}{2}$	-9	-9 $\frac{1}{2}$	12	14	18	110 ea.	
With Octagon Box Handles			-10 $\frac{1}{2}$	-10 $\frac{1}{2}$	-10 $\frac{1}{2}$	-10 $\frac{1}{2}$	-11	-11	-11	-11	1-	1-	1/1	1/6	1/8	2/-	2/2 "	
With Oval Box Handles			-10	-10	-10	-10	-10 $\frac{1}{2}$	-10 $\frac{1}{2}$	-10 $\frac{1}{2}$	-10 $\frac{1}{2}$	-11 $\frac{1}{2}$	-11 $\frac{1}{2}$	1-	1/1	1/6	1/8	2/-	2/2 "

Sets of Firmer Chisels.

No. 355W.

Set of 12.		1/8 in. to 1 in.	With Ash Handles...	6/6	Bevelled Edge ...	9/6 per set.
" 12.	1/8	1 1/2	"	7/6	" "	11/3
" 12.	1/8	1 1/2	Octagon Boxwood Handles...	10/-	" "	12/9
" 12.	1/8	1 1/2	Carver's Oval Boxwood Handles	8/6	" "	11/3

Millwrights' and Coach Chisels.



Size	...	...	...	...	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
No. 356w.	Millwrights'	...	...	...	$-\frac{7}{8}$	$-\frac{8}{8}$	$-\frac{9}{8}$	$-\frac{10}{8}$	$1-\frac{1}{9}$	$1\frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{8}$	$\frac{2}{1}$	$\frac{2}{6}$	3/- each.
No. 357w.	Coach	$-\frac{6}{6}$	$-\frac{6}{6}$	$-\frac{7}{7}$	$-\frac{8}{8}$	$-\frac{9}{9}$	$-\frac{10}{10}$	$-\frac{11}{11}$	$\frac{1}{3}$	$\frac{1}{6}$	$\frac{1}{9}$	$\frac{2}{3}$ "

No. 356	w.	Special Millwrights' Chisel,	$\frac{7}{8} \times 10$	in.	1/3 each.
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Button Hole Chisels. No. 358w.

Size	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
Price	-.6	-.6	-.6	-.6	-.7	-.8 each.

Draw Bore Pins.



No. 359w.						
With Box Handle ...	...	...	...	$7 \times \frac{1}{16}$	$8 \times \frac{3}{16}$	$10 \times \frac{1}{4}$ in.
Price ...	...	...	...	2/6	2/6	3/- per pair.

Bright Steel Draw Borer. No. 360W.

No. 160w.

[illegible]

All edge tools bearing our name are guaranteed to be of the very best quality

A large and varied Stock of Engineers' Tools and Motor Accessories.

Firmer Gouges.



No. 361w.

Size	1/8 to 1/4	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1	1 1/4	1 1/2 in.
Unhandled	-4 1/2	-5	-5	-5 1/2	-5 1/2	-6	-6 1/2	-7 1/2	-8	-9	-10	1/1	1/2 each.
With Ash Handles	-6 1/2	-7	-7	-7 1/2	-7 1/2	-8	-8 1/2	-9 1/2	-10	-11	-12	1/4	1/4 "

No. 362w. Ash Handled Firmer Gouges in sets of 12, assorted from 1/8 to 1 in., 7/3 per set.

C.S. London Pattern Scribing Gouges.

No. 363w.

Inside Cannelled.



Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1	1 1/4	1 1/2 in.
With Round Beech Handles	-7 1/2	-7 1/2	-8	-8 1/2	-8 1/2	-9	-9 1/2	-10 1/2	-11	-12	-13	-14

Ward's Firmer Gouges.

With Beech Handles.

No. 364w.



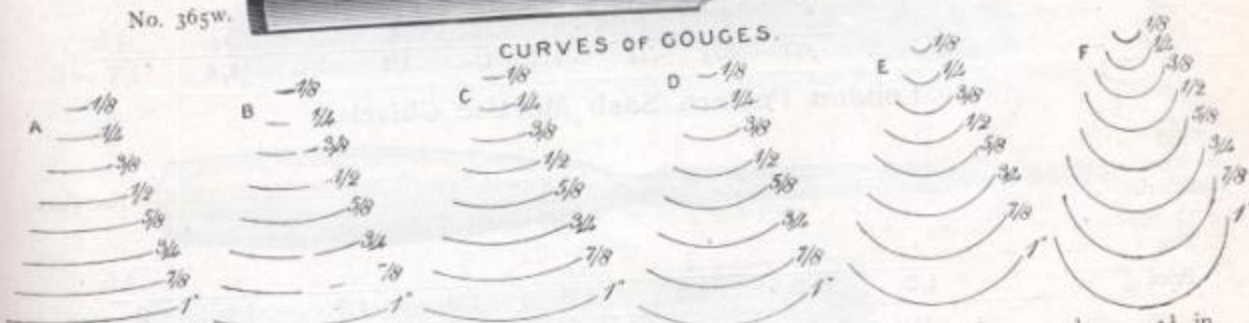
Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1	1 1/4	1 1/2 in.
With Round Handles	-7 1/2	-7 1/2	-8	-8 1/2	-8 1/2	-9	-9 1/2	-10 1/2	-11	-12	-13	-14

Long Thin Paring Gouges.

No. 365w.

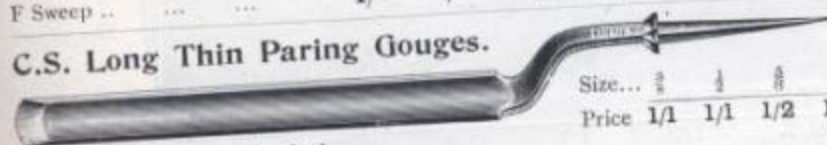


CURVES OF GOUGES.



Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1	1 1/4	1 1/2 in.
A, B, C, D or E Sweeps.	-10	-10 1/2	-11	1/-	1/1	1/2	1/3	1/4	1/7	1/9	2/-	1/11 each.
F Sweep ..	1/-	1/-	1/1	1/2	1/2	1/3	1/4	1/7	1/9	2/-	1/11	1/11 each.

C.S. Long Thin Paring Gouges.



Cranked.

A, B, C, D and E Curves.
No. 366w.

Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1	1 1/4	1 1/2 in.
Price	1/1	1/1	1/2	1/3	1/4	1/5	1/8	1/10	2/2	each.		

(To Order only.)

Best C.S. Socket Gouges.

No. 367w.



Size	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1	1 1/4	1 1/2 in.
Outside Cannelled	1/-	1/-	1/2	1/3	1/4	1/5	1/8	1/10	2/2	each.		
Inside Cannelled	1/2	1/2	1/3	1/4	1/5	1/6	1/9	1/10	2/2	each.		

Handled, -/3 each extra.

All Edge Tools bearing our name are guaranteed to be of the very best quality.

Contractors to the Home, Indian, and Colonial Governments.

Ward's Firmer Chisels.

With Beech Handles.



No. 368w.

Size	...	...	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
Price	...	...	-6 $\frac{1}{2}$	-6 $\frac{1}{2}$	-6 $\frac{1}{2}$	-6 $\frac{1}{2}$	-7	-7 $\frac{1}{2}$	-7 $\frac{1}{2}$	-8	-8 $\frac{1}{2}$	-9	-10	-10 $\frac{1}{2}$	1/2	1/4 each.

Best C.S. Socket Chisels.



No. 369W.

Size	...	...	...	...	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
Price	...	...	...	...	$-\frac{10}{100}$	$-\frac{10}{100}$	$-\frac{10}{100}$	$-\frac{11}{100}$	1/1	1/2	1/3	1/5	1/8 each.

Handled Sash Pocket Chisels.

No. 370W.



Size	...	1½	1¾	2	2¼	2½ in.
Price	...	1/-	1/2	1/4	1/6	1/9 each.

Registered Pattern Chisels.



No. 371W.

Size	$\frac{1}{10}$	$\frac{1}{10\frac{1}{2}}$	$\frac{1}{11}$	$\frac{1}{11\frac{1}{2}}$	$\frac{1}{12}$	$\frac{1}{13}$	$\frac{1}{14}$	$\frac{1}{15}$	$\frac{1}{16}$	$\frac{1}{17}$	$\frac{1}{18}$	$\frac{1}{19}$	$\frac{1}{20}$	$\frac{1}{21}$	$\frac{1}{22}$	$\frac{1}{23}$	$\frac{1}{24}$	$\frac{1}{25}$	$\frac{1}{26}$	$\frac{1}{27}$	$\frac{1}{28}$	$\frac{1}{29}$	$\frac{1}{30}$	$\frac{1}{31}$	$\frac{1}{32}$	$\frac{1}{33}$	$\frac{1}{34}$	$\frac{1}{35}$	$\frac{1}{36}$	$\frac{1}{37}$	$\frac{1}{38}$	$\frac{1}{39}$	$\frac{1}{40}$	$\frac{1}{41}$	$\frac{1}{42}$	$\frac{1}{43}$	$\frac{1}{44}$	$\frac{1}{45}$	$\frac{1}{46}$	$\frac{1}{47}$	$\frac{1}{48}$	$\frac{1}{49}$	$\frac{1}{50}$	$\frac{1}{51}$	$\frac{1}{52}$	$\frac{1}{53}$	$\frac{1}{54}$	$\frac{1}{55}$	$\frac{1}{56}$	$\frac{1}{57}$	$\frac{1}{58}$	$\frac{1}{59}$	$\frac{1}{60}$	$\frac{1}{61}$	$\frac{1}{62}$	$\frac{1}{63}$	$\frac{1}{64}$	$\frac{1}{65}$	$\frac{1}{66}$	$\frac{1}{67}$	$\frac{1}{68}$	$\frac{1}{69}$	$\frac{1}{70}$	$\frac{1}{71}$	$\frac{1}{72}$	$\frac{1}{73}$	$\frac{1}{74}$	$\frac{1}{75}$	$\frac{1}{76}$	$\frac{1}{77}$	$\frac{1}{78}$	$\frac{1}{79}$	$\frac{1}{80}$	$\frac{1}{81}$	$\frac{1}{82}$	$\frac{1}{83}$	$\frac{1}{84}$	$\frac{1}{85}$	$\frac{1}{86}$	$\frac{1}{87}$	$\frac{1}{88}$	$\frac{1}{89}$	$\frac{1}{90}$	$\frac{1}{91}$	$\frac{1}{92}$	$\frac{1}{93}$	$\frac{1}{94}$	$\frac{1}{95}$	$\frac{1}{96}$	$\frac{1}{97}$	$\frac{1}{98}$	$\frac{1}{99}$	$\frac{1}{100}$	$\frac{1}{101}$	$\frac{1}{102}$	$\frac{1}{103}$	$\frac{1}{104}$	$\frac{1}{105}$	$\frac{1}{106}$	$\frac{1}{107}$	$\frac{1}{108}$	$\frac{1}{109}$	$\frac{1}{110}$	$\frac{1}{111}$	$\frac{1}{112}$	$\frac{1}{113}$	$\frac{1}{114}$	$\frac{1}{115}$	$\frac{1}{116}$	$\frac{1}{117}$	$\frac{1}{118}$	$\frac{1}{119}$	$\frac{1}{120}$	$\frac{1}{121}$	$\frac{1}{122}$	$\frac{1}{123}$	$\frac{1}{124}$	$\frac{1}{125}$	$\frac{1}{126}$	$\frac{1}{127}$	$\frac{1}{128}$	$\frac{1}{129}$	$\frac{1}{130}$	$\frac{1}{131}$	$\frac{1}{132}$	$\frac{1}{133}$	$\frac{1}{134}$	$\frac{1}{135}$	$\frac{1}{136}$	$\frac{1}{137}$	$\frac{1}{138}$	$\frac{1}{139}$	$\frac{1}{140}$	$\frac{1}{141}$	$\frac{1}{142}$	$\frac{1}{143}$	$\frac{1}{144}$	$\frac{1}{145}$	$\frac{1}{146}$	$\frac{1}{147}$	$\frac{1}{148}$	$\frac{1}{149}$	$\frac{1}{150}$	$\frac{1}{151}$	$\frac{1}{152}$	$\frac{1}{153}$	$\frac{1}{154}$	$\frac{1}{155}$	$\frac{1}{156}$	$\frac{1}{157}$	$\frac{1}{158}$	$\frac{1}{159}$	$\frac{1}{160}$	$\frac{1}{161}$	$\frac{1}{162}$	$\frac{1}{163}$	$\frac{1}{164}$	$\frac{1}{165}$	$\frac{1}{166}$	$\frac{1}{167}$	$\frac{1}{168}$	$\frac{1}{169}$	$\frac{1}{170}$	$\frac{1}{171}$	$\frac{1}{172}$	$\frac{1}{173}$	$\frac{1}{174}$	$\frac{1}{175}$	$\frac{1}{176}$	$\frac{1}{177}$	$\frac{1}{178}$	$\frac{1}{179}$	$\frac{1}{180}$	$\frac{1}{181}$	$\frac{1}{182}$	$\frac{1}{183}$	$\frac{1}{184}$	$\frac{1}{185}$	$\frac{1}{186}$	$\frac{1}{187}$	$\frac{1}{188}$	$\frac{1}{189}$	$\frac{1}{190}$	$\frac{1}{191}$	$\frac{1}{192}$	$\frac{1}{193}$	$\frac{1}{194}$	$\frac{1}{195}$	$\frac{1}{196}$	$\frac{1}{197}$	$\frac{1}{198}$	$\frac{1}{199}$	$\frac{1}{200}$	$\frac{1}{201}$	$\frac{1}{202}$	$\frac{1}{203}$	$\frac{1}{204}$	$\frac{1}{205}$	$\frac{1}{206}$	$\frac{1}{207}$	$\frac{1}{208}$	$\frac{1}{209}$	$\frac{1}{210}$	$\frac{1}{211}$	$\frac{1}{212}$	$\frac{1}{213}$	$\frac{1}{214}$	$\frac{1}{215}$	$\frac{1}{216}$	$\frac{1}{217}$	$\frac{1}{218}$	$\frac{1}{219}$	$\frac{1}{220}$	$\frac{1}{221}$	$\frac{1}{222}$	$\frac{1}{223}$	$\frac{1}{224}$	$\frac{1}{225}$	$\frac{1}{226}$	$\frac{1}{227}$	$\frac{1}{228}$	$\frac{1}{229}$	$\frac{1}{230}$	$\frac{1}{231}$	$\frac{1}{232}$	$\frac{1}{233}$	$\frac{1}{234}$	$\frac{1}{235}$	$\frac{1}{236}$	$\frac{1}{237}$	$\frac{1}{238}$	$\frac{1}{239}$	$\frac{1}{240}$	$\frac{1}{241}$	$\frac{1}{242}$	$\frac{1}{243}$	$\frac{1}{244}$	$\frac{1}{245}$	$\frac{1}{246}$	$\frac{1}{247}$	$\frac{1}{248}$	$\frac{1}{249}$	$\frac{1}{250}$	\frac
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London Pattern Sash Mortise Chisels.



Solid
Bolsters,
Handled.

No. 372W.

Size	$\frac{1}{2}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$ in.
Price	...	...	1/5	1/5	1/5	1/5	1/6	1/7	1/8	2/- each.

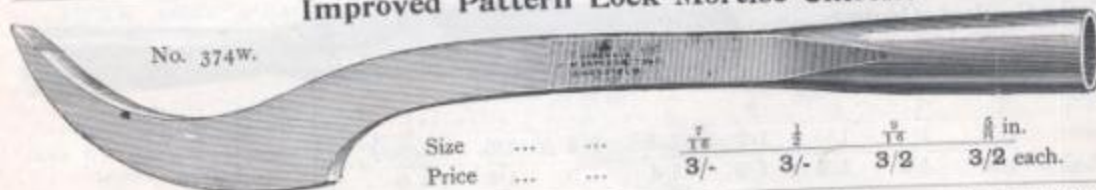
Best Joiners' Mortise Chisels, Handled.



No. 373W.

Size	...	...	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$ in.
Price	...	...	1/7	1/7	1/7	1/7	1/8	1/10	1/11	2/3 each.

Improved Pattern Lock Mortise Chisels.



No. 374W.

Beech
Handles,
3d. each
extra.

Size	...	...	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$ in.
Price	...	...	3/-	3/-	3/2	3/2 each.

All edge Tools bearing our name are guaranteed to be of the very best quality.

Bronze Medal, 1884.—Gold Medal, 1890.

Long Thin Paring Chisels.

No. 375W.



Size	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
Prices, Unhandled	-/6	-/7	-/7 $\frac{1}{2}$	-/8	-/9	-/10	-/11	1/4	1/7	1/10	2/4 ca.
With Round Beech Handles	-/8	-/9	-/9 $\frac{1}{2}$	-/10	-/11	1/-	1/1	1/6	1/9	2/1	2/6 "
" " Box	-/9 $\frac{1}{2}$	-/10	-/10 $\frac{1}{2}$	-/10 $\frac{1}{2}$	-/11	1/0 $\frac{1}{2}$	1/2	1/8	1/11	2/3	2/7 "
" Octagon "	-/10	-/10 $\frac{1}{2}$	-/10 $\frac{1}{2}$	-/11 $\frac{1}{2}$	1/0 $\frac{1}{2}$	1/1 $\frac{1}{2}$	1/2	1/8	1/11	2/3	2/8 "

No. 376W.



Size	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
Bevelled Edge, Unhandled	-/11	-/11	-/11 $\frac{1}{2}$	1/-	1/1	1/1 $\frac{1}{2}$	1/3	1/9	2/1	2/6	2/11 ca.
With Octagon Box Handles	1/3	1/3	1/4	1/5	1/6	1/6	1/8	2/2	2/6	3/-	3/6 "
" Round " "	1/2	1/2	1/3	1/4	1/5	1/5	1/7	2/1	2/5	2/11	3/3 "

Socket Firmer Chisels.

No. 377W.



These Tools are tempered by an improved process, ensuring a perfect cutting edge, the Blade and Socket of the Chisel being highly polished, and Socket fitted with Hardwood Handle.

These Tools are tempered by an the Chisel being highly polished, and Socket fitted with Hardwood Handle.														
Size	...	...	...	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
Price	...	...	...	-/10	-/11	1/-	1/1	1/2	1/3	1/4	1/6	1/8	1/10	2/- each.
Chisels, Handled (as Illustration), the Set of 6, $\frac{1}{4}$ to $1\frac{1}{2}$ in.												...	...	8/- per set.



Sets of Socket Firmer Chisels.

No. 378W.

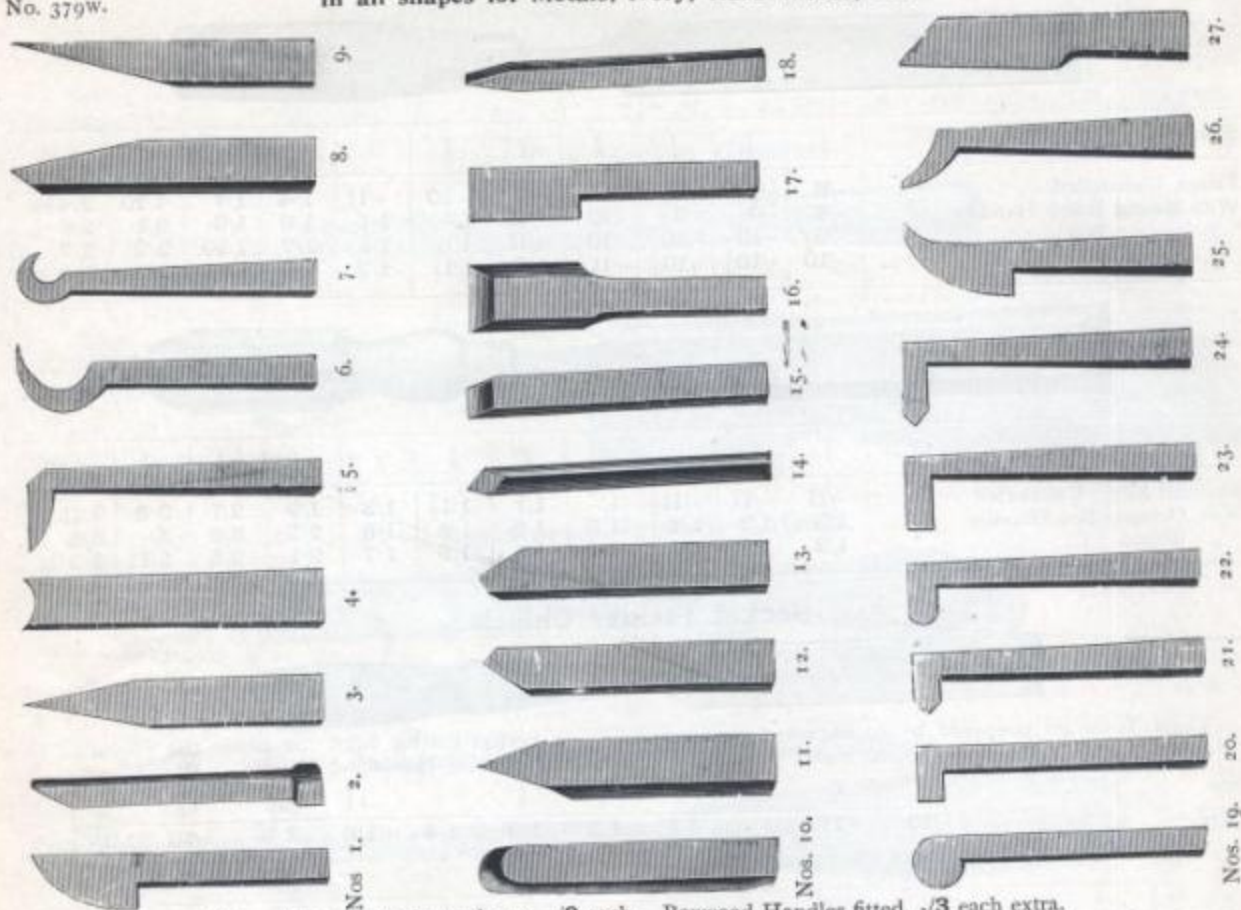
The Complete [Set] of 12 Chisels, assorted sizes from $\frac{1}{8}$ up to 2 in., in Polished Wood Box.

Price 22/- per set.

All Edge Tools bearing our name are guaranteed to be of the very best quality.
Tool, Machine, and Hardware Merchants and Manufacturers.

Turning Tools of Best Sheffield Steel.
In all shapes for Metals, Ivory, Hard Woods, etc.

No. 379w.



Price, either of the above shapes, -/9 each. Boxwood Handles fitted, -/3 each extra.

Sets of Turning Tools for Metals, etc.

Fitted with Box Handles.

No. 380w.



Price, Sets of 6 assorted, 6/6 per set.



Sets of 12 assorted, 12/9 per set.

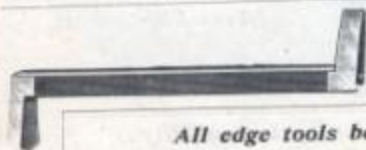
Wheeler's Socket Bruzzes. No. 381w.

Size	...	$\frac{1}{8}$ in.	$\frac{1}{4}$ in.	$\frac{3}{8}$ in.	$\frac{1}{2}$ in.
Price	...	2/10	3/-	3/3	3/6 each.



Drawer Lock Chisels.

No. 382w.	No. 383w. Boxwood
Price -/9 each.	Handled. 1/- each.



All edge tools bearing our name are guaranteed to be of the very best quality.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Rd. MELHUIH, Ltd., Fetter Lane, Holborn Circus, London, E.C. 51

Best C.S. Turning Chisels.

No. 384w.



Size	1/4 to 1/2	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2 in.
Without Handles	1/5	1/5 1/2	1/6	1/6 1/2	1/7	1/7 1/2	1/8	1/9	1/4	1/3	1/6
With Beech Handles	1/8 1/2	1/9	1/9 1/2	1/10	1/10 1/2	1/11	1/11 1/2	1/12	1/4	1/3	1/6

Best C.S. Turning Gouges.

No. 385w.



Size	1/4 to 1/2	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2 in.
Without Handles	1/6	1/7	1/7 1/2	1/8	1/9	1/10	1/11	1/12	1/3	1/5	1/10
With Beech Handles	1/9 1/2	1/10	1/10 1/2	1/11	1/12	1/13	1/14	1/15	1/3	1/5	1/10

No. 386w.

Sets of Assorted Chisels.

8 sizes, 1/4 to 1 in.	Price 6/9 per set.
12 " 1/4 " 1 1/2 "	" 11/3 " "

No. 387w.

Sets of Assorted Gouges.

8 sizes, 1/4 to 1 in.	Price 8/- per set.
12 " 1/4 " 1 1/2 "	" 13/6 " "

V Shape Turning Tools.

No. 388w.

Fitted in Beechwood Handles



1/4, 3/8, and 1/2 in. Price 1/3 each.

Sets of Turning Tools for Wood and Metal.

No. 389w.



Set of 6 Tools, Assorted, for Wood and Metal, in Ash Handles. Price 5/9



No. 390w.

Set of 6 Light Turning Chisels and Gouges for Wood. Price 4/6

There are Two Ways of Meeting Competition: One is to cheapen quality and cut prices, the other is to make and supply articles of better quality than those obtainable elsewhere. The latter is our method and superior quality is THE argument for MELHUIH'S TOOLS. It will be to your advantage to pay for quality.

A large and varied Stock of Engineers' Tools and Motor Accessories.


Best Cabinet Screwdrivers.

		Length of Blade 3 4 5 6 7 8 9 10 12 in.									
No. 391w.	Flat Beech Handled Pattern	-/6	-/7	-/8	-/9	-/11	1/-	1/3	1/6	2/3	each.



No. 392w.	Oval Beech Handles	...	-/9	-/10	-/11	1/-	1/3	1/4	1/8	1/10	2/- each.
" 393w.	Oval Boxwood Handles	...	1/-	1/3	1/6	1/9	2/-	2/3	2/6	2/9	3/3 "

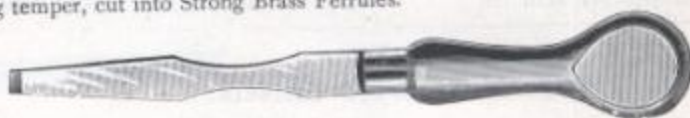
No. 393½w. **Oval Cabinet Screwdrivers.** Blade 3 in. × ½ in. Beech, -/6 each. Box, -/7 each.

London Pattern Screwdrivers.

No. 394w.

Cast Steel Blades, spring temper, cut into Strong Brass Ferrules.

		Blades 3 4 5 6 7 in.				
Price		-/6	-/7	-/8	-/9	-/11 each.
		Blades 8 9 10 12 in.				
Price		1/-	1/3	1/6	2/-	each.


Electrician's Screwdrivers.

No. 395w.



Round Beech Handles.

		Blade 4 × ½ 6 × ½ 8 × ¾ 10 × 1 in.			
Price		-/4	-/4½	-/5	-/5½ each.

No. 396w. As used by **Typewriters** and others. Round Rosewood Handles

		Blade 2 3 4 in.		
Price		-/3	-/3	-/4 each.

No. 397w.

Oval Boxwood Handles.

		Blade 6 × ½ 8 × ¾ 10 × 1 in.		
Price		-/9	-/11	1/3 each.



No. 398w.



Octagon Boxwood Handles.

		Blade 6 × ½ 8 × ¾ 10 × 1 in.		
Price		-/6	-/7	-/8 each.

Short Bench.

No. 399w.



		Blade ... 2 2½ 3 in.		
Beech Handles		-/7	-/9	-/10 ea.

Oval Handle. 1½ in. Blade.

No. 400w. Broad End.



Beech Handles,	-/9 each.
Boxwood Handles	1/- "X

Short Bench.

No. 401w.



		Blade ... 2 2½ 3 in.		
Oval Beech Handles		-/9	-/10	1/- ea.

No. 402w.

Oval Boxwood Handle Screwdrivers.

		Blade ... 3 4 5 6 7 8 9 10 in.									
Price		-/4½	-/6	-/7½	-/9	-/10½	1/-	1/1½	1/3	each.	



NOTE: All Screwdrivers are Measured and Priced by the length of Blade only.

Contractors to the Home, Indian, and Colonial Governments.

Rd. MELHUISH, Ltd., Fetter Lane, Holborn Circus, London, E.C. 53

The "Perfect" Screwdriver. No. 403W.

A special highly finished Solid Pattern.
Can be used as a Hammer.



Blade... 4 5 6 7 8 10 12 in.
Price... 1/1 1/4 1/7 1/10 2/1 2/7 3/1 each.

Square Section. No. 404W.

For Heavy Work.



Blade... 4 1/2 5 in.
Price... 3/3 3/4 each.

Gun and Machine Makers' Screwdrivers.

No. 405W.



Drop Forged from Best Tool Steel, Spring
Tempered, with Fancy Wood Handles.

Blade... 3 x 1/4 3 x 5/8 in.
Price... 1/6 1/6 each.

In and Out Screwdriver.

No. 406W.



Simple in construction and simple to operate; the mere turning of the shell near the handle shifting the movement from right to left or vice versa. By turning the shell half-way it locks the spiral so that it can be used as an ordinary driver, and at different lengths. By using a mechanical device we have tested this tool against a resistance equal to driving a 1 1/2 screw. After giving it one hundred thousand movements or plunges we are unable to detect any wear.

Price, complete with 3 Bits (two of them double end, giving 5 points in all) ... 6/3 each.
" as above, with Chuck Head and 8 Drill Points ... 8/3 "

Reversible, Automatic, and Interchangeable Screwdriver.

No. 407W.



The simplest, most compact, strongest, and in every way most practical tool for both driving and drawing screws automatically, and is capable of driving good size screws or withdrawing those that are tightly fixed. It has a separate spiral for each right and left hand twist, which prevents possibility of wear, and the adjustment is neat and instantaneous.

Price, with 3 Bits ... 5/6 each.



No. 408W.



The Chuck and eight Drills illustrated will be found a very useful addition to the above screwdriver.

Price ... 2/6 complete.

Bronze Medal, 1884.—Gold Medal, 1890.

No. 409W.

Right Hand only and
Rigid.



Three Bits of different widths are furnished with each tool.

Three Bits of different widths are furnished with each tool.										
Extreme length with Bit in Chuck—A. 10 in. closed and 14 in. extended										4/ each.
" " " " " B. 13 " " " 19 " "										5/6 "

No. 410W.

Right and Left Hand
and Rigid.

Useful for electricians, cabinet-makers, etc., having a large number of small screws to drive.



Extreme length with Bit in Chuck, 9 $\frac{1}{8}$ in. closed and 12 $\frac{3}{8}$ in. extended

No. 411W.

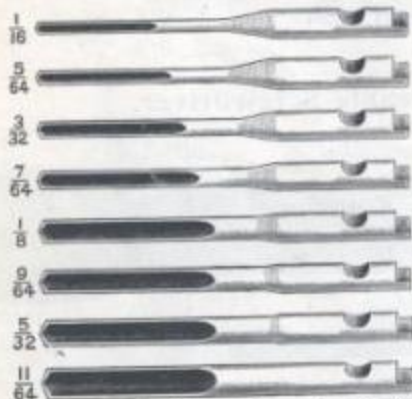
Right and Left Hand
and Rigid.



Strong, simple, compact, and easy to work.

Strong, simple, compact, and easy to work.				6/	each.
Extreme length with Bit in Chuck—C.	13½ in.	closed and 19½ in.	extended	...	...
" " " " " —D.	17½ "	" " " "	26½ "	(heavy pattern)	7/9 "

No. 412W. Chuck with Drill Points.



For No. 411W, C. 2/- per Set. Shanks $\frac{9}{32}$ in.
 " " 411W, D. 2/- " " " $\frac{15}{16}$ "
 Drill points only 2/- per doz.

No. 413W. Bit with Screw Holder.

A longer Bit than usual with Holder attached to grip Screw, put in place, and drive it home, especially in places difficult to reach. As the head of Screw sinks into the wood the jaws open and release it.


Price, to suit above	1/2 each.
----------------------	-----	-----	-----	-----------

No. 414W. Bit with Screw Eye Holder.

For holding Screw Eyes or Screw Hooks while putting them in place and driving home, particularly in out-of-the-way places or where only one hand is available. Can also be used for taking out Screw Eyes, etc., the holder keeping them from falling down.

To fit No. 409W, Size B, and No. 411W, Size C · Price 1/2 each.

Countersink.



For either Hard or Soft Wood, and to suit either of the above.

Screw Drivers -/6 each.



"Yankee" Bit Holder.

For Braces, with 4 Heavy
Turnscrew Blades. Length,
4 $\frac{7}{8}$ in. Price per set, 3/.

When ordering attachments kindly say for which No. and size of Screwdriver they are for.

Tool, Machine, and Hardware Merchants and Manufacturers.

"Yankee" Ratchet Screwdriver.

Right and Left Hand and Rigid.

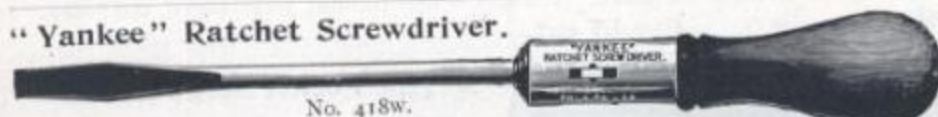
Blade is $\frac{5}{16}$ in. diam., and can be turned with finger and thumb by means of the knurled washer while the hand presses on handle to hold screw in place.



No. 417w.

Length of Blade	...	2	3	4	5 in.
Price	...	1/4	1/5	1/7	1/8 each.

"Yankee" Ratchet Screwdriver.



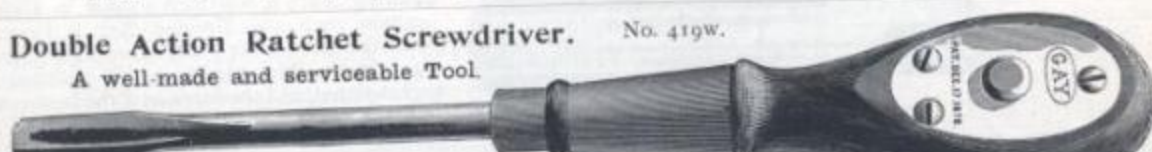
No. 418w.

Length of Blade...	...	2	3	4	5	6	8	10	12 in.
Price	...	1/2	1/6	1/8	1/9	2/1	2/6	2/9	3/- each.

Adjustment for Right or Left Hand is made by slide moved in direction of length of blade.

Double Action Ratchet Screwdriver.

A well-made and serviceable Tool.

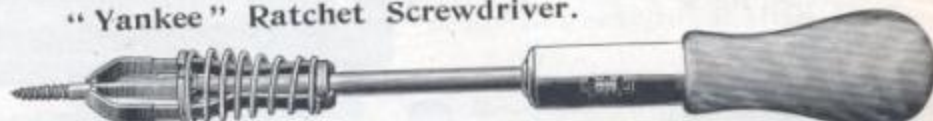


Length of Steel Blade	...	5	6	8	10	12 in.
Price	...	3/-	3/3	3/9	4/-	4/3 each.

No. 420w.

Right and Left Hand and Rigid.
With Screw Holder Attachment.

"Yankee" Ratchet Screwdriver.



Length of Blade	...	3	4	5	6	8 in.
Price	...	2/8	2/10	2/11	3/3	3/8 each.

"Yankee" Magazine Ratchet Screwdriver.



Length of Shank, 6 in.; entire length, 11 1/4 in.

No. 421w.

With easily removable and interchangeable Blades, which are contained in the Handle when not in use.

Price 3/9



Tool Set in handsome Oak Case.

No. 422w.

1 Spiral Ratchet Screwdriver with Chuck and 8 Drills from $\frac{1}{8}$ to $\frac{13}{16}$ in., also a Countersink to same.

1 Ratchet Screwdriver with 6 in. Blade.

1 ditto, with Finger Turn or Blade, Blade 3 in. long.

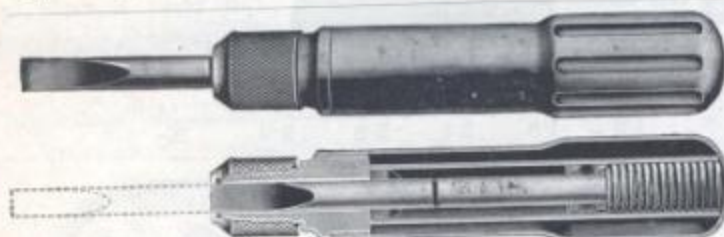
Price complete ... 16/6

Orders of 20/- and upwards Carriage Paid (with few exceptions).

No. 423W. Pocket Screwdriver Set.



This little Pocket Screwdriver Set, with three blades of assorted sizes, and one reamer for making or enlarging holes, will be found most convenient and attractive. In the explanatory cut the tool is shown in its closed form, with a side cut away to show the location of the different blades in the handle. The tool is fully polished, nickel-plated, and buffed. It is $3\frac{1}{4}$ in. long closed, and weighs 4 oz. Price 1/7 each.



No. 424W. Pocket Screwdriver.

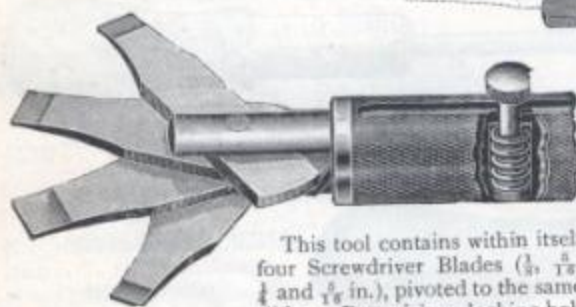
This Pocket Screwdriver, shown in an open position, can be closed by pressing upon the end of the blade and giving a slight turn to the Knurled Nut; it will then remain in a closed position until the Knurled Nut is loosened, when the screwdriver blade immediately springs into place. The handle is full polished and nickel-plated, and the blade is of the best quality.

Length, closed, $4\frac{3}{4}$ in.; open, 6 in.; weight, 4 oz. Price 1/7 each.

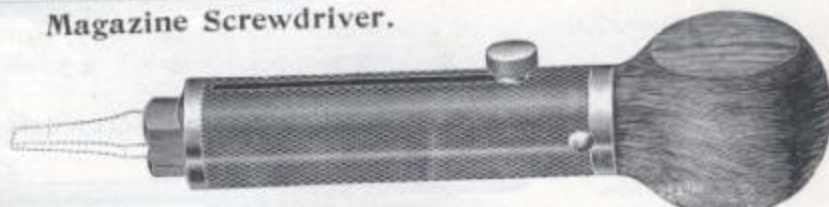
Magazine Screwdriver.

No. 425W.

With Rosewood or with Drop Forged Steel Handle.



This tool contains within itself four Screwdriver Blades ($\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$ and $\frac{1}{2}$ in.), pivoted to the same slide. By raising locking-bolt and pressing slide forward the blades swing out. The required blade being selected and the slide drawn back, the tool is ready for use. Price, either pattern, 4/- each.



Highly finished and nickelled. A compact and handy tool. Length, when closed, $3\frac{3}{8}$ in.

"Yankee" Pocket Screwdriver.

No. 426W.



Nickel-plated Steel.

Size, when closed, 3 in. long \times $\frac{5}{8}$ in. diam. The Blades are kept in the magazine formed by the handle. Price 2/6

Patent Screwdriver.

No. 427W. With Hardwood Handle, $1\frac{1}{4}$ in. diameter.

The steel shank has a socketed end to which is fitted a set of 3 screwdriver tips of different sizes, adapted for screw-heads from very small up to $\frac{3}{8}$ in. Either tip may be instantly withdrawn or inserted. Length 10 in. over all.

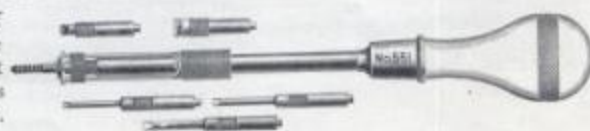
Price with 3 Tips, 2/6 each. Extra Tips, -/9 per set of 3.

No. 428W.

Patent Combination Screwdriver.

The same tool as the foregoing with the addition of a set of 3 Bradawls, also a sleeve with spring fingers which grasp the head of a screw and hold it against the screwdriver so that it may be driven home straight and true. These spring fingers also hold the Bradawls and prevent their being pulled out. One tool may be instantly changed for another.

Price, complete with 3 Screwdriver Tips and 3 Bradawls



4/6 each.

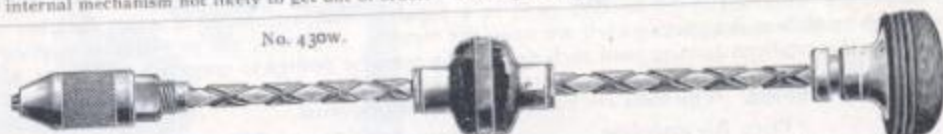
A large and varied Stock of Engineers' Tools and Motor Accessories.

Reciprocating Automatic Drills for Steel, Brass, Wood, etc.

These Drills are capable of drilling with comparative ease $\frac{1}{4}$ in. Twist Drills in Iron will be found very useful for drilling holes where Braces, Breast Drills or Hand Drills cannot conveniently be brought into play. They are so constructed that the Drill runs continuously to the right during both the forward and backward movement, and hence drills continuously. The pressure against the Head to feed the Drill is met by a ball bearing to reduce the friction.



No. 429w.
With Polished Cherry Handle, Lignum Vitae Head and Three-Jawed Chuck, with capacity up to $\frac{1}{4}$ in. Well constructed and finished and with simple internal mechanism not likely to get out of order. Price 6/- each.



No. 430w.
With special Three-Jawed Chuck to hold any Drill with straight Shank $\frac{1}{8}$ in. diameter or less. To open or close Chuck move Driver up to Chuck and push down Catch in lower end of Driver which holds fast Driver on Spindle. After Drill is put in Chuck and tightened, push up Catch releasing Driver from Spindle so that it can be moved back and forward to operate Drill. Movement of Driver is $8\frac{1}{2}$ in. Tool is 16 in. long over all, without Drill. Price, without Drills, 8/- each.

Archimedian Drill.

No. 431w.				
With Universal Head and 6 Bits.				
6.	8.	10.	12 in.	
1/3	1/6	1/9	2/- each.	

Price

Archimedian Drill.

No. 432w.



Extra Strong, with Iron Breast Plate, Brass Ball, Screw End and Adjustable Screw Chuck.
Length 14 in. Price, with 6 Drills, 4/6 each.

Centrifugal Drill.

No. 433w.



8 in. long, Wood Ball, Adjusting Screw End, and 6 Bits. Price 7/9 each.
12 in. long, Wood Head, and 6 Bits. Price 1/- each.

"Yankee" Push Brace.

No. 434w.



Price

This tool is so named because it will hold all the small tools used in a Bit Brace, but is operated by pushing the handle to revolve the tools, in the same manner as in the "Yankee" Spiral Ratchet Screwdriver.

It will, with little effort, bore $\frac{1}{8}$ in. holes in metal, drive $\frac{3}{8}$ in. Auger Bit in hard wood, and $\frac{1}{2}$ or $\frac{3}{4}$ in. Bits in white pine.

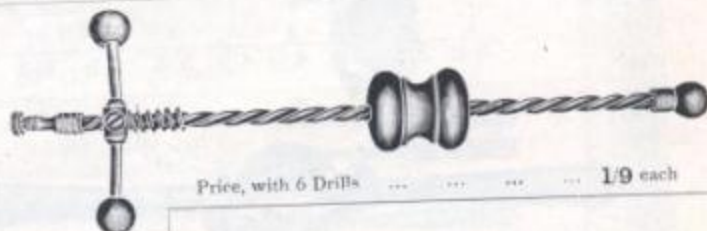
It can be used for drilling, tapping and as a Screwdriver.
Extreme length without Bit, extended, 23 $\frac{1}{2}$ in.; closed, 16 $\frac{1}{2}$ in.

Price 10/6 each.

No. 435w.

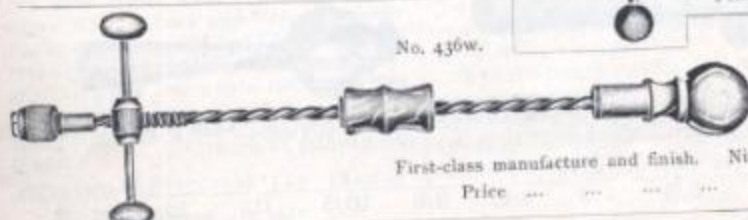
Centrifugal Drill Brace, with Brass Balls.

Strong, with Brass Head and Wood Grip.
Length 10 in. over all.



Price, with 6 Drills 1/9 each

No. 436w.



All Metal Centrifugal Drill Brace.

First-class manufacture and finish. Nickel-plated. Total length 14 in.
Price 3/- each.

Contractors to the Home, Indian, and Colonial Governments.

No. 437W.

The Drill Points are contained in the handle, each in a separate compartment; the exact location of each size is seen at a glance, as the numbers designating each are upon the outside. When in use or not a pin springs upwards into the hole and prevents the cap from turning until such time as the operator desires to remove a drill point, when by pressing slightly upon the pin the cap can be turned either to right or left, until the hole is opposite the desired number, when the point can be readily removed. The tools are made of brass, nickel-plated.

Extra Drill Points, **2/3** per doz.

No. 438w.

This is the same type of Drill as shown above, except that it has cocobola handle and no independent place for the bits. It has nickel-plated brass sheath, in which a durable spring is inserted, enabling one to bore holes with speed and accuracy.

Price 4/9 complete.

Extra Drills, **2/3** per doz.

No. 439W.

No. 440W.

This pattern of Screw Box and Tap is made of metal, and is constructed with a view of cutting a cleaner thread and with more ease than the ordinary pattern. (The large sizes have two handles as shown.)

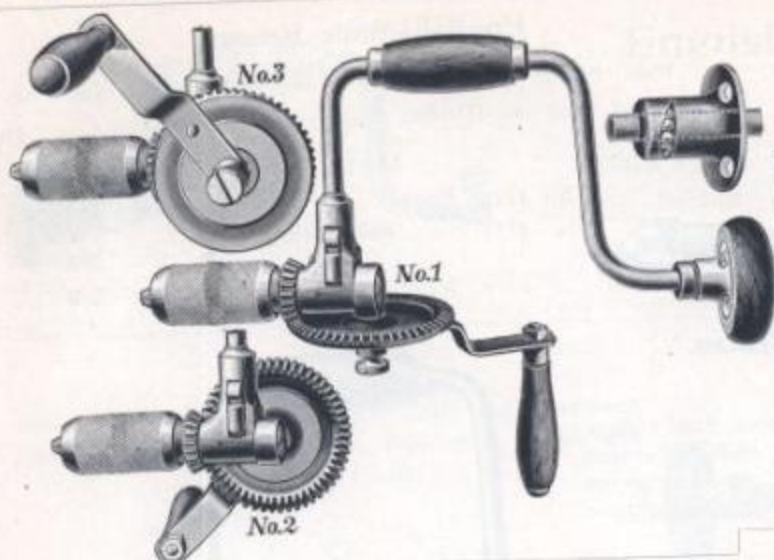
Bronze Medal, 1884.—Gold Medal, 1890.

Drill Brace.

No. 441W.

This Drill Brace has many valuable improvements. The ratchet is so arranged that both dogs can be thrown out of gear with the ratchet teeth at the same time, to allow the tool to be used as a breast drill. The gear can be instantly swivelled around into any one of three positions, as shown in the illustrations. With the gear detached the tool becomes one of our highest grade of braces of 10 in. sweep. Nothing better in the brace line has been made.

Price ... 12/6 complete.



Bit Gauge.

No. 442W.

As will be seen by the illustration, the Gauge is secured to the Bit at any point by the use of a clamp, actuated by two thumb nuts. The entire Tool is Nickel-plated.

Price ... 1/4 each.



Should you fail to find in this Book exactly what you are looking for, send us a statement of your requirements.

This Book is but one of a series. We also issue Catalogues of Engineers', Electricians' and Metal Workers' Tools, Horticultural and Estate Agents' Requirements, Builders' Ironmongery, etc., etc., and the whole set forms the largest, the most complete, and the most comprehensive Catalogue in the trade.

RICHARD MELHUISH, Ltd., London.

Established A.D. 1828.

Automatic Pocket Borer.

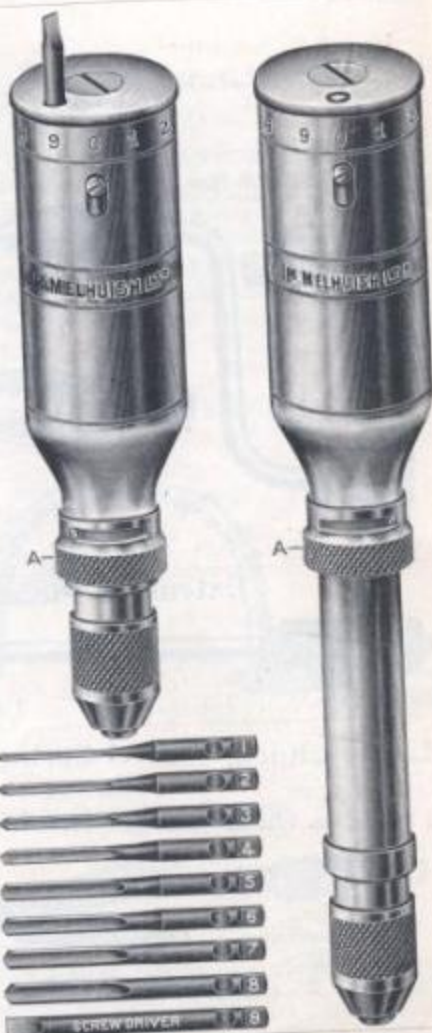
No. 443W.

This Boring Tool will be found very convenient, as when compressed it may very easily be carried in the pocket. In addition to this feature of compactness, it possesses all the good characteristics of regular Borers. The magazine handle contains in cells eight drill points, ranging in size from $\frac{1}{16}$ in. to $\frac{1}{4}$ in., and numbered from 1 to 8. Cell No. 9 contains a small screwdriver which may be used in the Borer. This, however, should only be used when the tool is compressed, or, in other words, when the plunger is forced back into the handle and secured there.

DIRECTIONS.—To compress or close the Borer, press the end of the chuck against some hard substance that will not mar, until the small projecting pin on the side near the chuck slips underneath the slotted knurled shell "A," then turn the shell "A" to the right, and the Borer will remain compressed in pocket form. To release the spiral, turn the shell "A" to the left and the spiral will spring out.

The magazine handle may be operated by placing the opening in the top of cap over the number of the drill point desired, and then letting the drill point drop out.

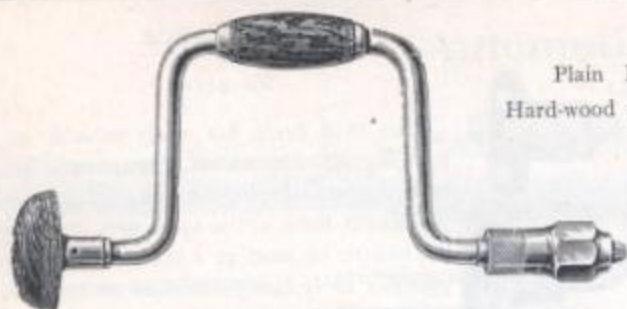
Price ... 7/- each.



Tool, Machine, and Hardware Merchants and Manufacturers.

English-Made Braces.

Plain Pattern with Chuck to take any ordinary square bit.
Hard-wood Head and Handle; Steel Jaws and Sweep.



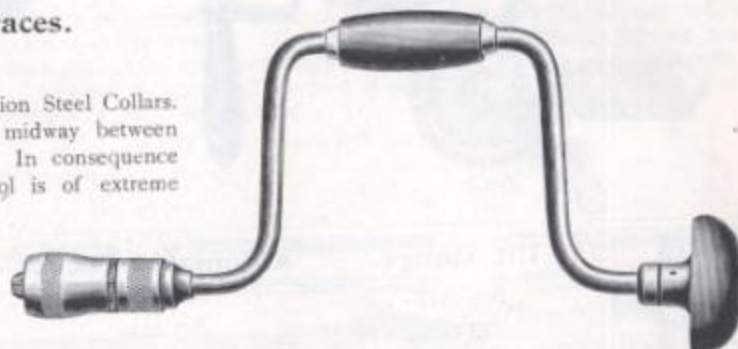
	Sweep	...	5	8	10 in.
No. 444W. Bright	1/6	1/6	1/9 each.
" 445W. " Ball Bearings to Head	1/8	2/-	2/3 "
" 446W. Nickel-plated	2/-	2/6	2/9 "

Improved Bit Boring Braces.

No. 447W.

Of Polished Steel, and fitted with Anti-friction Steel Collars.
This pattern is intended to occupy a place midway between our highest and lowest priced Plain Braces. In consequence of all its threads being Lathe Cut, this tool is of extreme durability.

Sweep	...	...	8	10 in.
Price	...	...	2/-	2/3 each.



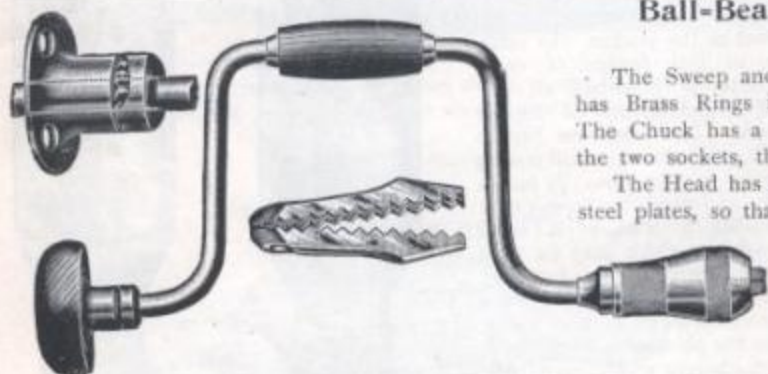
Ball-Bearing Nickel-plated Braces.

No. 448W.

The Sweep and Jaws are of Steel, and the Wood Handle has Brass Rings inserted in each end so it cannot split off. The Chuck has a hardened Steel Anti-friction Washer between the two sockets, thus reducing the wear.

The Head has a bearing of steel balls, running on hardened steel plates, so that no wear can take place, as the friction is reduced to the minimum. This Brace is of first-class material, workmanship, and finish, and is warranted in every particular.

Sweep	...	6	8	10 in.
Price	...	4/3	5/-	5/6 each.



Extension Piece.

No. 449W.

Length, 12 in.	...	1/3	18 in.	...	1/9	24 in.	...	2/3
----------------	-----	-----	--------	-----	-----	--------	-----	-----

Lathe Chuck.

No. 450W.

1/2 in. or 5/8 in. Shank.



To take ordinary Brace Bits.

Price ... 2/- each

Steel Spring Jaws.

No. 451W.



Alligator, -/9 ea.

No. 452W. Plain.



Nickel-plated, -/8 ea.

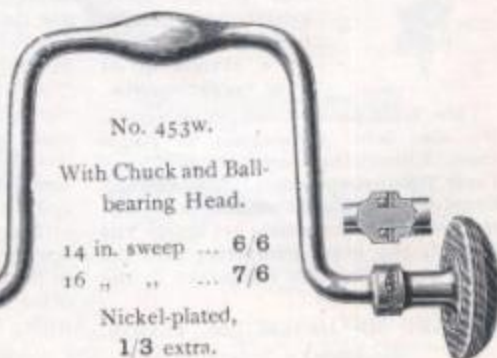


Waggon Builder's Bright Braces.

No. 453W.

With Chuck and Ball-bearing Head.

14 in. sweep	...	6/6
16 " " "	...	7/6

Nickel-plated,
1/3 extra.

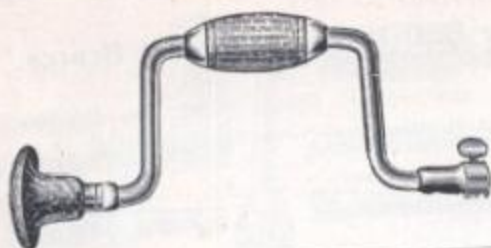
Orders of 20/- and upwards Carriage Paid (with few exceptions).

English-made Braces.

No. 454w.

Plain Pattern, Square Socket with Thumbscrew.

Polished ...	...	7 in. Sweep.
Price ...	...	1/3 each.

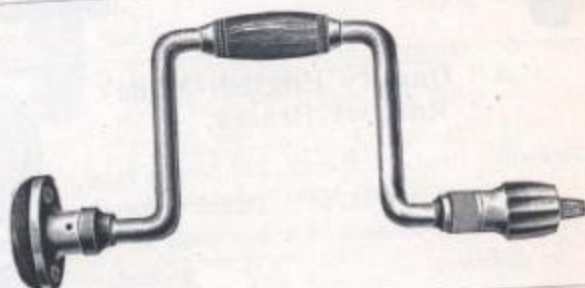


Plain Pattern.

No. 455w.

Best Quality, with Lignum Vitæ Head and Rosewood Handle, Steel Sweep and Jaws, Ball-bearing Head, and Registered Chuck.

Sweep ...	8	10 in.
Price ..	3/6	4/- each.



Best Quality Ratchet Brace.

No. 456w.

With Lignum Vitæ Head and Rosewood Handle, Steel Sweep and Jaws, and Registered Chuck.

This pattern has, in addition to a Ball-bearing Head, a Ball-bearing Handle, viz. each end is fitted with a Steel Ball Race, adjusted by Steel Cones. There is also a Ball Race between Ratchet Head and the Spindle which carries the Jaws.

Sweep ...	8	10	12 in.
Price ...	8/-	8/6	10/- each.



Bright Smith's Brace.

No. 457w.

With Iron Head and 8 in. Sweep.

Price	4/6 each.
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Hand Ratchet Brace.

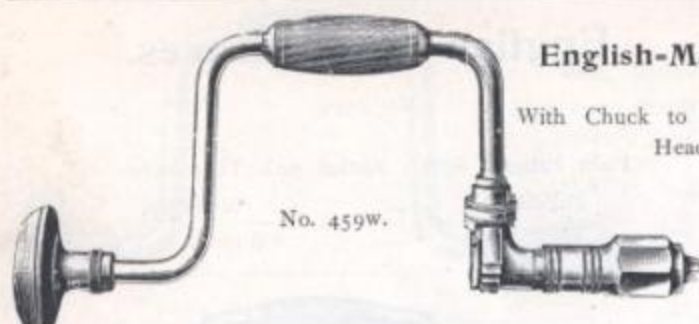
No. 458w.

10 in. long, Bright	4/- each.
10 in. " Nickel-plated	5/- "

This can also be used as an Engineer's Brace for Holes not exceeding $\frac{1}{8}$ in. diameter.



A large and varied Stock of Engineers' Tools and Motor Accessories.



English-Made Ball-Bearing Ratchet Braces.

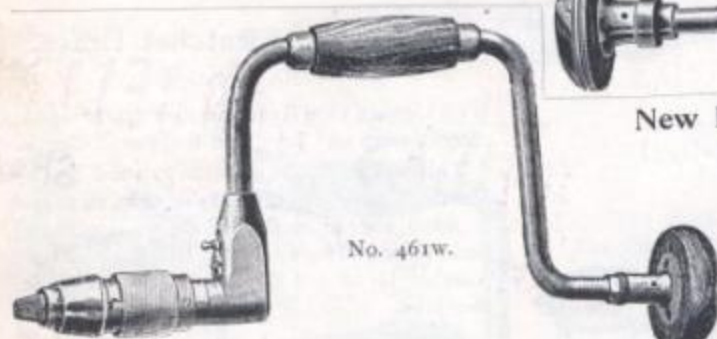
With Chuck to take any ordinary Square Shank Bit, Hardwood Head and Handle, Steel Sweep and Jaws.

	Sweep	...	5	8	10 in.
Bright ...	...	...	3/9	4/3	4/6 each.
Nickel-plated ...	...	...	4/9	5/-	5/3 ..

"A" Quality English-Made Ratchet Braces.

Rosewood Head and Handle, Ball-Bearing Head, Steel Sweep and Jaws, Nickel-plated.

	Sweep	...	8	10 in.
As illustrated ...	...	...	5/9	6/- each.



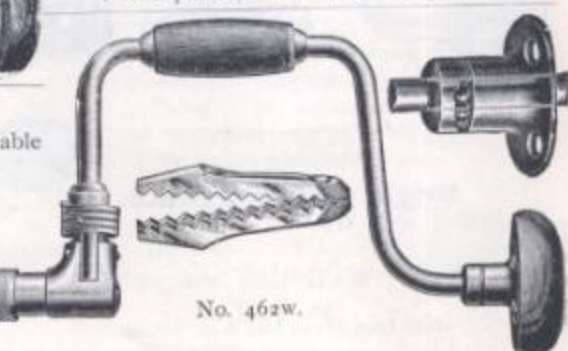
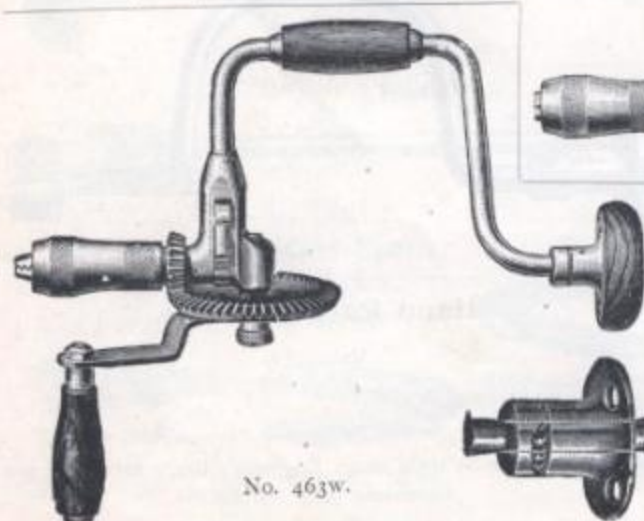
New Pattern Ratchet Braces.

With Quick-Action Chuck, Ball-Bearing Lignum Vitae Head, Adjustable Hardwood Handle, Steel Sweep and Jaws.

	Sweep	...	8	10 in.
Nickel-plated ...	...	...	7/6	8/6 each.

American Pattern Ratchet Braces.

Crocodile Steel Jaws, Chuck fitted with Anti-friction Washer, Adjustable Bearings fitted to Handle, Ball-Bearing Head.



	Sweep	...	8	10 in.
Nickel-plated ...	...	...	6/6	7/- each.

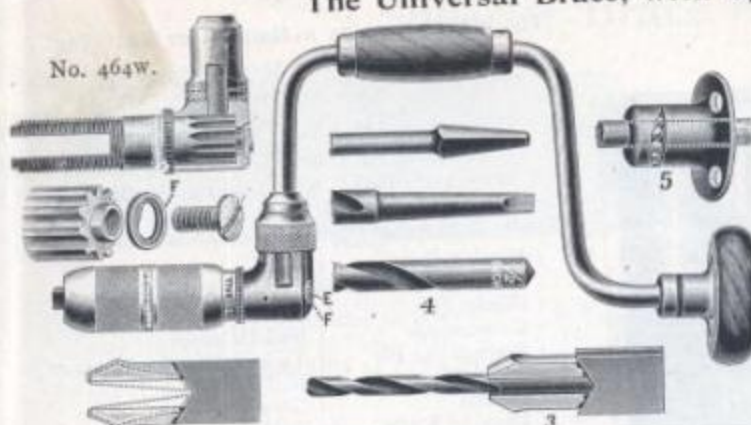
Drill Brace with Ball Bearings and Master Chuck.

To be used as an ordinary Ratchet Bit Brace or a Breast Drill. The Drill can be attached or detached in a minute. Of high-class quality and finish.

Price, 10 in. Sweep, 12/6.

Contractors to the Home, Indian, and Colonial Governments.

The Universal Brace, with Special Chuck.



This Chuck will hold, accurately and firmly, all varieties of bits, twist drills, etc., etc., with taper or parallel, square or round shanks, from $\frac{1}{8}$ to $\frac{1}{2}$ in. in diameter.

No. 1. Shows the *unbreakable* socket made from solid bar steel.

No. 2. The Jaws always open *exactly parallel* unless a Tapering Shank is to be held, when they *adjust themselves exactly* to the shape to be used. (See dotted lines.)

No. 3. Shows the Jaws grasping a $\frac{1}{8}$ in. Straight Shank Twist Drill.

No. 4. Shows a few of the variety of Shanks this Chuck will hold.

No. 5. Shows the Quill with ball bearing.

Sweep	10	12	14 in.
Price	7/6	8/6	9/6 each.

Best Plated Beech Brace.

No. 465w. With Brass Neck Head and 36 Bright Bits of well-assorted shapes and sizes.

Price 31/6 complete.

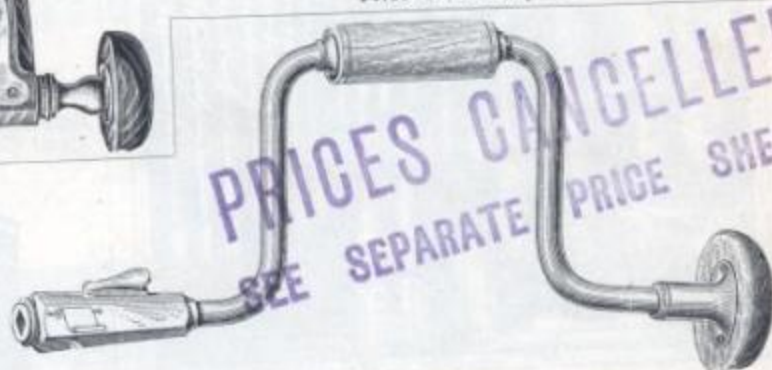


Improved Nickel-plated Steel Brace.

No. 466w.

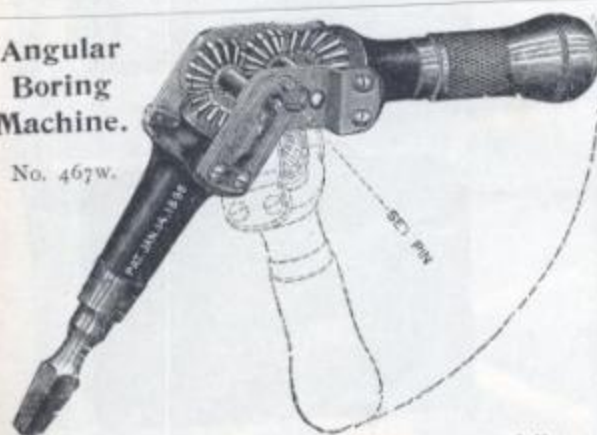
Best Quality, and fitted with 24 Bright Cast Steel Bits, assorted.

Price 21/- complete.



Angular Boring Machine.

No. 467w.



The Chuck turns as far as shown by the dotted line, and is locked firmly with the Set Pin at the desired angle. The teeth are cut and the gearings turned from bar steel; shaftings and side plates are of Bessemer steel, and castings of malleable iron. All parts are turned and fitted perfectly true.

Price ... 15/6 each.

Angular Bit Stock.

No. 468w.

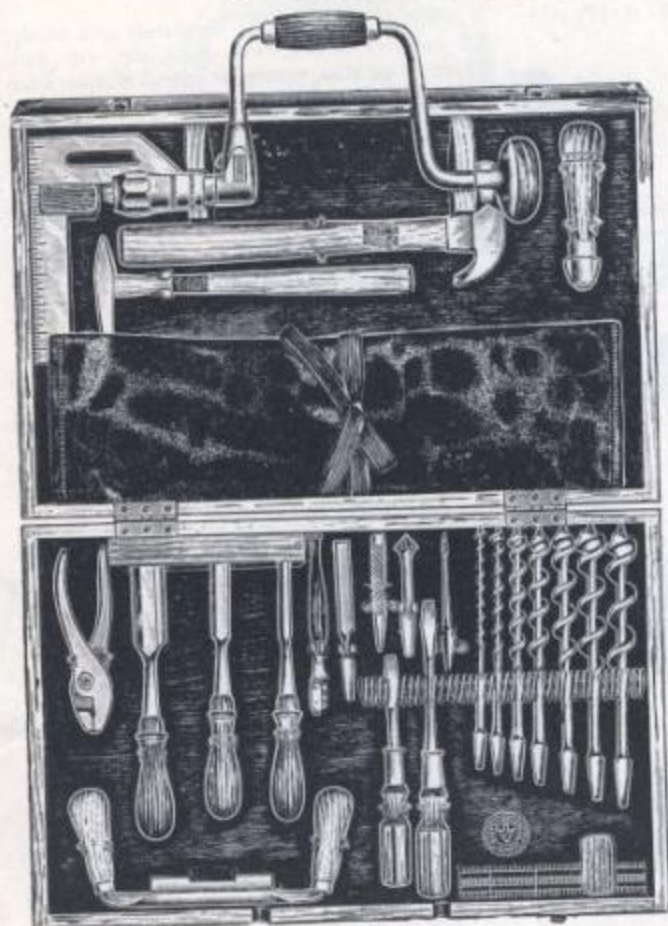


This is an improvement on and takes the place of the original pattern. Crocodile instead of plain jaws are now supplied, and the angular adjustment is now much simplified and strengthened.

Price ... 6/- each.

Bronze Medal, 1884.—Gold Medal, 1890.

New Tool Outfit in Case.



Open.



Closed.

No. 469w.

The Brace acts as a Handle for Carrying.

The Case is trimmed with Metal Corners and Bolts and is easy to carry.

Size $21 \times 13\frac{1}{2} \times 4$ in. Weight about 19 lb.

Contains 40 Warranted Tools as follows:—

6 Saws, viz.: Hand, Rip, Pruning, Metal-cutting, Compass, and Keyhole, with Special Take-down Handle to fit either Blade.

- | | |
|-------------------|---------------------------|
| 1 Ratchet Brace | 1 Rule |
| 7 Auger Bits | 1 Try and Mitre Square |
| 1 Gimlet Bit | 1 Pair Combination Pliers |
| 1 Countersink | 1 Nail Hammer |
| 1 Screwdriver Bit | 1 Tack or Riveting Hammer |
| 2 Screwdrivers | 1 Nail Set |
| 3 Chisels | 1 Glass Cutter |
| 1 Drawing Knife | 10 Tools in Tool Holder |

(The set of Saws is packed in Canvas Pocket.)

Price ... £3 : 5 : 6

Machinist's Tool Cases.

No. 470w.

Strongly made, covered with a waterproof imitation of leather, and very handsome. Each has 5 Drawers, Brass Lock with 2 flat Keys, Leather Handle, and Metal Corners.



Open.



Closed.

Size A. 16 in. long \times 9 in. wide \times 10 $\frac{1}{2}$ in. high.
Price ... £1 : 17 : 6

Size B. 20 $\frac{1}{2}$ in. long \times 9 $\frac{1}{2}$ in. wide \times 11 $\frac{1}{2}$ in. high.
Price ... £2 : 1 : 0

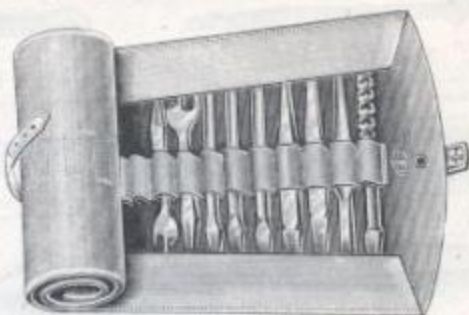
Tool, Machine, and Hardware Merchants and Manufacturers.

Superior Brace Bit Rolls.



No. 472W.

Brown Canvas Bit Rolls to take 36 Bits	...	2/3 each.
Leather Bit Rolls to hold 40 Brace Bits	...	3/- "
Green Baize Bit Rolls to hold 36 Brace Bits	...	2/3 "
Moleskin, for 40 Bits	...	4/- "



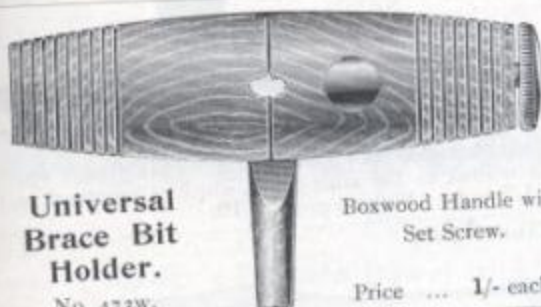
Empty Canvas Roll.

No.
474W.



With Pocket and Strap, fitted with solid Leather Bands to receive 12 Carving Tools.

Price ... 3/- each.



**Universal
Brace Bit
Holder.**

No. 473W.

Boxwood Handle with
Set Screw.

Price ... 1/- each.

Solid Leather Case of Tools.

No. 475W.

Metal Workers' Pocket Book fitted with a very useful selection of Best Tools.

Price ... 18/6 each.



NOTE.—This section of our Catalogue contains the leading lines in Woodworkers' Tools, Machines, Accessories, etc.

We have other sections embracing a great variety of Engineers' Tools, Machines and Appliances, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Tools, Builders' and Furnishing Ironmongery, etc. Copies of these sections will be sent per post on application.

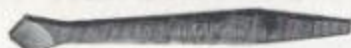
We shall be glad to have inquiries from you, and to supply Catalogues for sending abroad. Particular attention is paid to packing for export, which is done with exceptional care by experienced men, and is greatly appreciated by the leading Shippers.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Countersinks.



No. 476W. Rose.

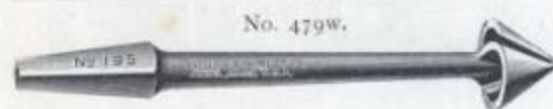


No. 478W. Flat.



No. 477W. For Wood.

Size	...	...	...	...	...	...	1 in.
Best Black Rose Countersinks for Metals, etc.	...	...	...	...	...	...	1/3 each.
" " Snail " " Wood	...	...	...	...	...	...	1/2 "
" " Flat " " Iron, etc.	...	...	...	...	...	...	—



No. 479W.

New Pattern Double-Lip Countersink.

The only double-lip self-centring wood countersink that has a keen cutting edge. It is made from the best steel, forged, twisted and tempered, and can be sharpened from the inside with a round file. Price, $\frac{1}{8}$ in., 1/3; $\frac{3}{8}$ in., 1/6 each.

Adjustable Countersink.

This tool fits any double-cut bit from $\frac{1}{8}$ to $\frac{3}{8}$ in., and by its use countersinking and boring can be done at the same time. It also acts as a gauge. For wood only.

Price ... 1/3 each.

No. 480W.



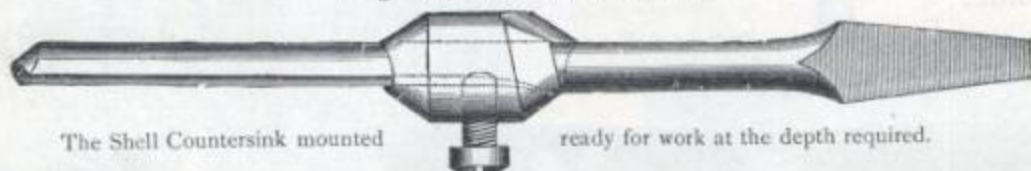
No. 481W.

Adjustable Countersink.

An improved form of shell countersink for wood, and is largely used where a number of holes have to be sunk to the same depth, which is regulated by the sliding gauge. Price 1/3 each. Without gauge, -10.

Registered Shell Countersink.

No. 482W.



The Shell Countersink mounted

ready for work at the depth required.

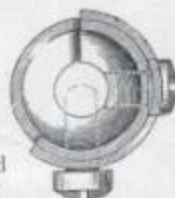


The Shell Countersink without Fence. Price 1/- each.



Side view.

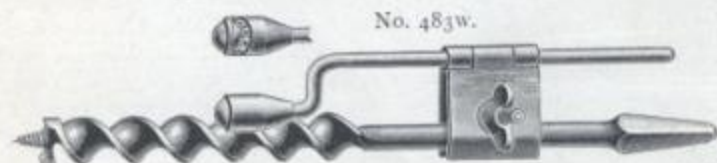
With Fence to bore the Countersink hole only to the depth required. Price 2/- each.



End view.

Anti-friction Bit Depth Gauges.

No. 483W.



This Gauge is provided with a large Steel Ball which revolves as it comes in contact with the work. The object of this ball is to prevent defacing delicate or polished work. Price 1/9.



No. 485W.

This depth Gauge runs exactly parallel to the Auger Bit and projects sufficiently to clear any size of chuck Japanned and polished ... 1/2 each.

Adjustable Bit Gauge.

No. 484W.



Will fit any bit up to 1 in. in diameter. With this tool any number of holes of a given depth may be bored. A stop is placed on both sides of the bit and when the proper depth is reached the bit remains upright and does not bend or break the worm. By loosening the thumbscrews the shank of the bit can be inserted into the gauge and the twist of the bit turned to the required depth.

Price, nickel-plated ... 2/3 each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Boring Bits. Gedge's Pattern.

No. 486w. Best quality, Bright.

Size	...	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$ in.	
Price	...	-/10	-/10	-/10	-/11	-/11	1/1	1/2	1/5	1/8	2/-	2/2	2/4	2/6 each

No. 487w. Jenning's Pattern.													
Best quality, Bright. English make.													
Size	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$ in.	
Price	1/-	1/1	1/2	1/2	1/2	1/4	1/6	1/8	2/-	2/3	2/6	3/-	3/6 each

Railway Carriage Bit.												
No. 488w. 10-in. Twist.												
Size	...	...	...	...	...	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{9}$	$\frac{1}{9}$	2/-	$\frac{1}{3}$ in.
Price	...	...	...	...	...	1/6	1/6	1/6	1/9	1/9	2/3	2/6 each

No. 489w. Sash Bit. 12-in. Twist.												
Size	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1 in.				
Price	1/6	1/6	1/6	1/9	1/9	2/-	2/3	2/6 each				

Waggon Builders' Screw Bits.
 No. 490w. Leadbeater's Pattern.

Size	...	...	...	...	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{1}{10}$	2/2	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{1}{2}$ in.
Price	...	...	...	...	1/4	1/4	1/6	1/8	1/10	2/2	2/6	2/8	3/-	3/6 each

No. 491w. Gedge's Pattern Dowel Bits.												
Size	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1 in.				
Price	-/10	-/10	-/10	-/10	-/10	-/11	1/-	1/- each				

Solid Wing Auger Bits.



The Cutter of this Bit, being Solid with the Screw, adds greatly to the strength, and prevents danger from breakage.

Size	...	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{2}$ in.	
Price	...	-/10	-/10	-/10	-/10	-/10	1/-	1/2	1/4	1/6	1/8	1/10	2 2	2 4 each

Bellhanger's and Electrician's Drills.



No. 493w.

For Bellhangers, Car-builders and Electricians, also for telephone and telegraph work. It is of the best refined steel, very durable, not injured by contact with nails or screws, and can be driven through plastering and brick walls. It can easily be sharpened on an emery-wheel or a grindstone.

Sizes	$12 \times \frac{3}{16}$	$12 \times \frac{1}{4}$	$12 \times \frac{5}{16}$	$12 \times \frac{3}{8}$	$18 \times \frac{1}{4}$	$18 \times \frac{5}{16}$	$18 \times \frac{3}{8}$	$24 \times \frac{1}{4}$	$24 \times \frac{5}{16}$	$24 \times \frac{3}{8}$ in.
Price	1/4	1/4	1/6	1/9	2/-	2/3	2/6	2/6	2/9	3/- each

No. 494w. Bit Stock Drills for Hardwood.



Will bore a smooth hole in any direction and will not split the wood nor turn aside from the grain or knots. Speed and feed are entirely under the control of operator.

Size	$\frac{5}{16}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$ in.	
Price	-/5	-/5	-/6	-/7	-/8	-/10	-/11	1/-	1/2	1/3	1/6	1/9 each

Bright Twist Bits.



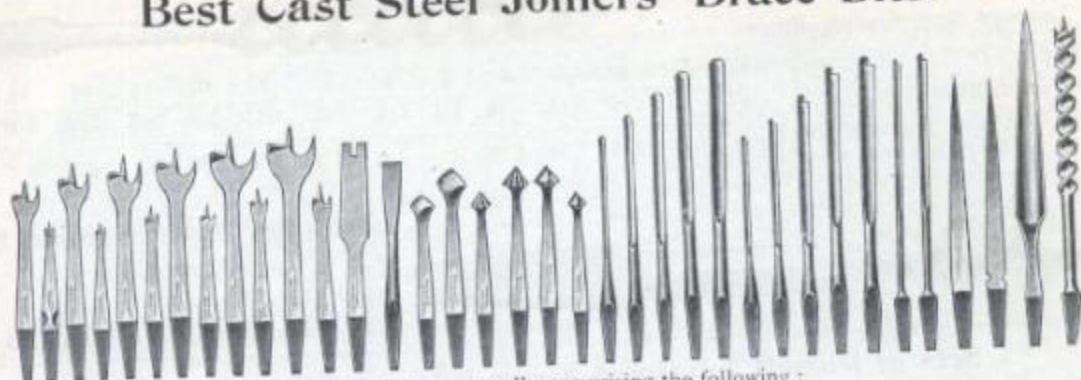
No. 495w.

Size	...	...	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$ in.
Price	...	...	-/2	-/3	-/3	-/3	-/3	-/4	-/6	-/7	-/8 each

Sets of 6 assorted to $\frac{5}{8}$ in., 1/4. Sets of 12 assorted to $\frac{5}{8}$ in., 2/6

Contractors to the Home, Indian, and Colonial Governments.

Best Cast Steel Joiners' Brace Bits.



No. 506w. Set of 36 Bits—generally comprising the following:

- | | |
|--|---|
| 1 Centre Bit, each $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 , $1\frac{1}{8}$, $1\frac{1}{4}$ in. | 1 Nose Bit, $\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ in. |
| 1 Fork End Turnscrew Bit. | 1 Sash " $\frac{1}{8}$, $\frac{1}{4}$ in. |
| 1 Plain " " | 1 Half-Round Rimer. |
| 1 Flat Countersink Bit, $\frac{1}{2}$, $\frac{5}{8}$ in. | 1 Square Rimer. |
| 1 Rose " " $\frac{1}{2}$, $\frac{5}{8}$ in. | 1 Taper Bit, $\frac{3}{8}$ in. |
| 1 Snail " " $\frac{1}{2}$, $\frac{5}{8}$ in. | 1 Jennings Pattern Auger Bit, $\frac{1}{2}$ in. |
| 1 Shell Bit, $\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ in. | |

Price ... Black, 10/6 ... Bright, 12/- ... Straw Coloured, 13/6 per set.

No. 507w. Set of 24 Bits, generally comprising the following:

- | |
|--|
| 1 Centre Bit, each $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1 in. |
| 1 Turnscrew Bit. |
| 1 Flat Countersink Bit, $\frac{1}{2}$, $\frac{5}{8}$ in. |
| 1 Rose " " $\frac{1}{2}$, $\frac{5}{8}$ in. |
| 1 Snail " " $\frac{1}{2}$, $\frac{5}{8}$ in. |
| 1 Shell Bit, each $\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ in. |
| 1 Nose Bit, $\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$ in. |
| 1 Half-Round Rimer. |
| 1 Square Rimer. |

PRICE:

Black	7/- per set.
Bright	8/- " "
Straw Coloured	9/- " "

No. 507½w.

Sets of 12 Assorted in Black.
Price 3/6



Technical Outfit.

No. 508w.

Comprising Ball-Bearing, Nickel-Plated Brace with 36 specially assorted Straw-coloured Bits in polished Mortised Case fitted with Brass Lock, Handle, and Fancy Leather Pockets.

Price complete, 36/3



Technical Outfit.

No. 508½w.

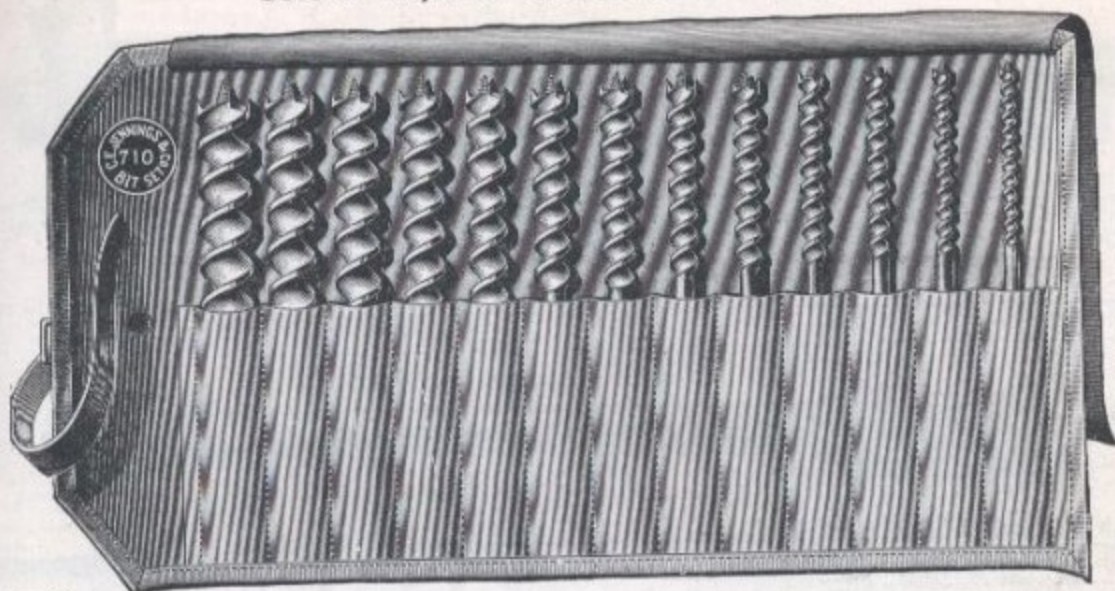
Containing a Special Assortment of 48 Brace Bits in Leather Roll with Strap and Buckle.

Price complete, 32/3



Tool, Machine, and Hardware Merchants and Manufacturers.

Sets of Superior Bits in Canvas Rolls.



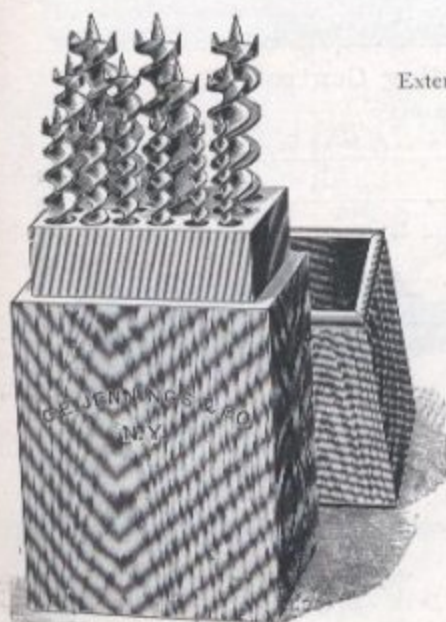
No. 512W.

These rolls are made of dark-coloured canvas, well lined with blue flannel, and are very convenient for a mechanic to keep the Bits safe from injury and to carry them wherever needed. The case rolled up with the Bits complete measures 11 x 13 in. All the tools are ground to exact size and made from selected tool steel.

The Set.—Containing 13 Polished Bits, sizes up to 1 in., complete 20/- per set.
The Canvas Rolls only, 3/6 each.

Sets of Superior Bits in Closed-up Case.

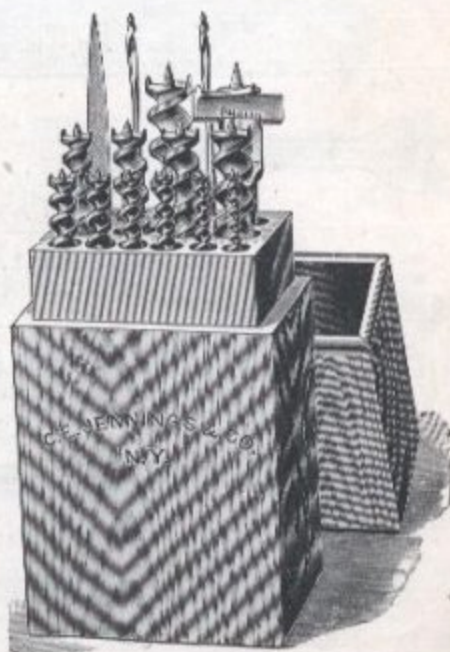
No. 513W.



No. 513W.

Improved Pattern.
Extension Lip Bits; 13 sizes,
from $\frac{1}{4}$ to 1 in.
Price 17/-

No. 514W.



No. 514W.

Contains 11 Twist Bits to
1 in.; Expansion Bit; 2
Special Gimlet Bits and
File.
Price 25/-

A large and varied Stock of Engineers' Tools and Motor Accessories.

Clark's Expansive Bits.

No. 515W.



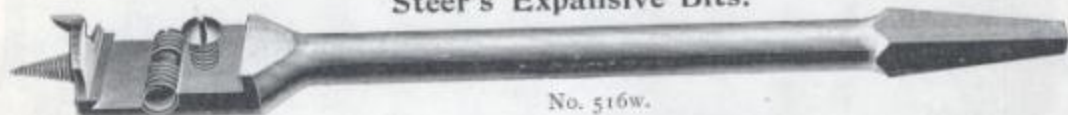
With 2 Cutters, from $\frac{1}{8}$ to $1\frac{1}{2}$ in.	3/- each.	With Cutters, from $\frac{7}{8}$ to 4 in.	5/9 each.
" " " $\frac{3}{8}$ to 3 "	4/6 "	" " " $\frac{5}{8}$ to 5 "	7/9 "

EXTRA CUTTERS, Interchangeable with all Clark's Bits.

A— $\frac{1}{8}$ in. to $\frac{7}{8}$ in.	7/8 each.	C— $\frac{7}{8}$ in. to $1\frac{1}{8}$ in.	1/1 each.	E—3 in. to 4 in.	1/3 each.
B— $\frac{1}{4}$ in. to $1\frac{1}{4}$ in.	9 "	D— $1\frac{1}{8}$ in. to 3 in.	1/4 "	F—4 in. to 5 in.	2/ "

Steer's Expansive Bits.

No. 516w.



G—With 2 Cutters, $\frac{5}{8}$ in. to $1\frac{3}{4}$ in.	...	...	...	6/- each.
H—With 2 Cutters, $\frac{3}{4}$ in. to 3 in.	...	...	...	7/6 "



EXTRA CUTTERS supplied.

No. 517W. **Best Steel**



Centre Bits.

Size ...	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{7}{8}$	2	in.
Black ...	-3	-3	-3 $\frac{1}{2}$	-4	-4	-4 $\frac{1}{2}$	-4 $\frac{3}{4}$	-5 $\frac{1}{2}$	-6	-7	-8	-9	-10	-11	1/- each.
Bright ...	-4	-4	-4	-4 $\frac{1}{2}$	-4 $\frac{1}{2}$	-5	-5 $\frac{1}{2}$	-6 $\frac{1}{2}$	-7	-8	-9	-10	-11	1/-	1 1 "
Straw Colour	-4 $\frac{1}{2}$	-4 $\frac{3}{4}$	-5	-5	-5 $\frac{1}{2}$	-5 $\frac{3}{4}$	-6	-7	-8	-9	-10	-11	1/-	1 1	1 2 "

Sets of 12 assorted, $\frac{1}{4}$ in. to $1\frac{1}{4}$ in.—Black, 4 6; Bright, 5/-; Straw-coloured, 6'.

Patent Expanding Centre Bit.

No. 518w.



No. 510w.		
	$\frac{5}{16}$ to $\frac{9}{16}$ in.	$\frac{1}{8}$ to $\frac{1}{4}$ in.
Price	1/-	2/3 each.

No. 519W.

Cockbit. Black, with Bright Lathe-turned Plug.

$\frac{1}{6}$	$\frac{1}{9}$	$\frac{1}{2}$	$\frac{1}{4}$	$1\frac{1}{9}$ in.
$\frac{1}{6}$	$\frac{1}{9}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{2}{9}$ each.
$\frac{1}{3}$	$\frac{1}{6}$	$\frac{1}{2}$	$\frac{1}{4}$	2 in.
$\frac{1}{3}$	$\frac{1}{6}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{2}{6}$ each.



No.
520W.



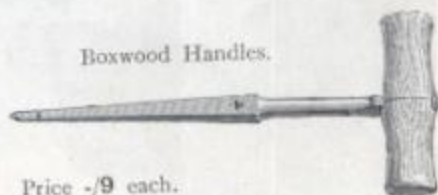
Rimers.

Boxwood Handles.

Square Rimers -/4 each.

No.
521W

Half Round Rimers -/4 each.



Price -/9 each.

Contractors to the Home, Indian, and Colonial Governments.

No. 522W.

Wood Slotting Bits.



PRICES OF SLOTTING BITS WITH SHANKS SAME DIAMETER AS BITS.

Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.
In.	In.	In.		In.	In.	In.		In.	In.	In.	
$\frac{1}{8}$	3	$1\frac{1}{2}$	1/2	$\frac{1}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/8	$\frac{1}{2}$	8	2	7/9
$\frac{3}{16}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/2	$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/8	$\frac{3}{4}$	$8\frac{1}{2}$	2	10/-
$\frac{1}{4}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/8	$\frac{3}{4}$	6	2	3/10	$\frac{1}{2}$	9	2	13/1
$\frac{5}{16}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/8	$\frac{1}{2}$	$6\frac{1}{2}$	2	4/3	$\frac{3}{4}$	$9\frac{1}{2}$	2	15/6
$\frac{3}{8}$	4	$1\frac{1}{2}$	2/3	$\frac{3}{4}$	$6\frac{1}{2}$	2	4/3	$\frac{1}{2}$	10	2	18/6
$\frac{1}{2}$	$4\frac{1}{2}$	$1\frac{1}{2}$	2/3	$\frac{1}{2}$	7	2	5/-	$\frac{3}{4}$	$10\frac{1}{2}$	3	23/3
$\frac{5}{8}$	$4\frac{1}{2}$	$1\frac{1}{2}$	2/8	$\frac{3}{4}$	$7\frac{1}{2}$	2	5/5	$\frac{1}{2}$	11	3	27/9
$\frac{3}{4}$	$4\frac{1}{2}$	$1\frac{1}{2}$	2/8	$\frac{1}{2}$	$7\frac{1}{2}$	2	5/10	$\frac{3}{4}$	$11\frac{1}{2}$	4	32/6
$\frac{7}{8}$	5	$1\frac{1}{2}$	3/-	$\frac{1}{2}$	$7\frac{1}{2}$	2	6/2	$\frac{1}{2}$	12	4	38/6
$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/-	$\frac{3}{4}$	$7\frac{1}{2}$	2	7/-				

PRICES OF SLOTTING BITS WITH $\frac{1}{2}$ -INCH SHANKS. No. 523W.

Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.
In.	In.	In.		In.	In.	In.		In.	In.	In.	
$\frac{1}{8}$	3	$1\frac{1}{2}$	2/-	$\frac{1}{4}$	$4\frac{1}{2}$	$1\frac{1}{2}$	3/-	$\frac{1}{2}$	$6\frac{1}{2}$	2	4/8
$\frac{3}{16}$	$3\frac{1}{2}$	$1\frac{1}{2}$	2/-	$\frac{1}{2}$	5	$1\frac{1}{2}$	3/-	$\frac{3}{4}$	$6\frac{1}{2}$	2	5/-
$\frac{1}{4}$	$3\frac{1}{2}$	$1\frac{1}{2}$	2/4	$\frac{3}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/3	$\frac{1}{2}$	7	2	5/5
$\frac{5}{16}$	$3\frac{1}{2}$	$1\frac{1}{2}$	2/4	$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/6	$\frac{3}{4}$	$7\frac{1}{2}$	2	5/10
$\frac{3}{8}$	$3\frac{1}{2}$	$1\frac{1}{2}$	2/9	$\frac{3}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$	3/6	$\frac{1}{2}$	$7\frac{1}{2}$	2	6/2
$\frac{1}{2}$	4	$1\frac{1}{2}$	2/9	$\frac{1}{2}$	6	2	3/10	$\frac{3}{4}$	$7\frac{1}{2}$	2	7/-
$\frac{5}{8}$	$4\frac{1}{2}$	$1\frac{1}{2}$	3/-	$\frac{3}{4}$	$6\frac{1}{2}$	2	4/3	$\frac{1}{2}$	8	2	7/9
$\frac{3}{4}$	$4\frac{1}{2}$	$1\frac{1}{2}$		$\frac{1}{2}$	$6\frac{1}{2}$	2					

No. 524W.

Straight Fluted Centre Bits.



PRICES OF CENTRE BITS WITH SHANKS SAME DIAMETER AS BITS.

Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.
In.	In.	In.		In.	In.	In.		In.	In.	In.	
$\frac{1}{8}$	3	$1\frac{1}{2}$	-/10	$\frac{1}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/4	$\frac{1}{2}$	11	2	10/10
$\frac{3}{16}$	$3\frac{1}{2}$	$1\frac{1}{2}$	-/10	$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/6	$\frac{3}{4}$	$11\frac{1}{2}$	2	13/2
$\frac{1}{4}$	$3\frac{1}{2}$	$1\frac{1}{2}$	-/11	$\frac{3}{4}$	6	$1\frac{1}{2}$	2/9	$\frac{1}{2}$	$12\frac{1}{2}$	2	15/6
$\frac{5}{16}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/1	$\frac{1}{2}$	8	2	3/10	$\frac{3}{4}$	$14\frac{1}{2}$	3	19/3
$\frac{3}{8}$	4	$1\frac{1}{2}$	1/1	$\frac{3}{4}$	$8\frac{1}{2}$	2	4/8	$\frac{1}{2}$	15	3	23/3
$\frac{1}{2}$	$4\frac{1}{2}$	$1\frac{1}{2}$	1/3	$\frac{1}{2}$	9	2	5/4	$\frac{3}{4}$	$15\frac{1}{2}$	3	27/9
$\frac{5}{8}$	$4\frac{1}{2}$	$1\frac{1}{2}$	1/5	$\frac{3}{4}$	$9\frac{1}{2}$	2	6/3	$\frac{1}{2}$	16	3	32/6
$\frac{3}{4}$	$4\frac{1}{2}$	$1\frac{1}{2}$	1/8	$\frac{1}{2}$	10	2	7/4	$\frac{3}{4}$	$16\frac{1}{2}$	4	37/-
$\frac{7}{8}$	5	$1\frac{1}{2}$	2/-	$\frac{3}{4}$	$10\frac{1}{2}$	2	8/6	$\frac{1}{2}$	$16\frac{1}{2}$	4	42/6
$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/1	$\frac{1}{2}$	$10\frac{1}{2}$	2	9/8				

PRICES OF CENTRE BITS WITH $\frac{1}{2}$ -INCH SHANKS. No. 525W.

Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.	Diameter of Bit.	Full Length.	Length of Shank.	Price, Each.
In.	In.	In.		In.	In.	In.		In.	In.	In.	
$\frac{1}{8}$	3	$1\frac{1}{2}$	1/2	$\frac{1}{4}$	$4\frac{1}{2}$	$1\frac{1}{2}$	1/10	$\frac{1}{2}$	6	$1\frac{1}{2}$	2/9
$\frac{3}{16}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/2	$\frac{1}{2}$	$4\frac{1}{2}$	$1\frac{1}{2}$	2/2	$\frac{3}{4}$	8	2	3/10
$\frac{1}{4}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/3	$\frac{3}{4}$	5	$1\frac{1}{2}$	2/3	$\frac{1}{2}$	$8\frac{1}{2}$	2	4/8
$\frac{5}{16}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/5	$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/4	$\frac{3}{4}$	9	2	5/4
$\frac{3}{8}$	$3\frac{1}{2}$	$1\frac{1}{2}$	1/6	$\frac{3}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/6	$\frac{1}{2}$	$9\frac{1}{2}$	2	6/3
$\frac{1}{2}$	4	$1\frac{1}{2}$	1/8	$\frac{1}{2}$	$5\frac{1}{2}$	$1\frac{1}{2}$	2/8				
$\frac{5}{8}$	$4\frac{1}{2}$	$1\frac{1}{2}$		$\frac{3}{4}$	$5\frac{1}{2}$	$1\frac{1}{2}$					

Bronze Medal, 1884.—Gold Medal, 1890.

The "Forstner" Auger Bits.

For Smooth, Round, Oval, or Square Boring; Scroll and Twist Work.

This Labour-saving Auger Bit, unlike other Bits, is guided by its circular rim instead of its centre, consequently it will bore any arc of a circle, and can be guided in any direction regardless of grain or knots, leaving a true polished surface. It is preferable for core boxes, fine and delicate patterns, veneers, screen work, fancy scroll-twist columns, newels, ribbon moulding, etc.

No. 525w.

Brace Bit.

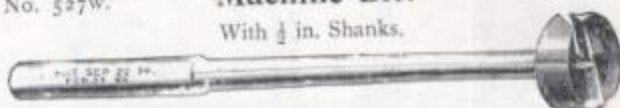


$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$ in.
3/7	3/7	3/9	3/9	4/-	4/-	4/2	4/2 each.
$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$ in.
4/5	4/5	4/7	5/-	5/3	5/3	5/5	5/5 each.
$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$ in.
6/1	6/1	6/6	8/4	9/3	10/5	11/6	12/6 each.

No. 527w.

Machine Bit.

With $\frac{1}{2}$ in. Shanks.



The $\frac{1}{4}$ in. and $\frac{1}{8}$ in. Bits have Spiral Shanks.

"Forstner" Auger Bits in Sets. Special Prices.

No. 528w.

PRICES IN SETS.

6	Brace Bits, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, 1 in.	...	...	...	£0 18 9
9	" $\frac{1}{8}$ to $1\frac{1}{8}$ in. x 8ths	...	...	...	1 11 3
11	" $\frac{1}{8}$ " 1 " x 16ths	...	...	...	1 15 6
17	" $\frac{1}{4}$ " $1\frac{1}{8}$ " x 16ths	...	...	...	3 0 6

Packed in neat Cardboard Cases.



To Sharpen the Bits.

Take a hard three-cornered file, grind smooth at front end, thus making a three-cornered scraper (Fig. 1). Scrape inside of flange until sharp, and take off outside wire edge with oilstone (Fig. 2). File the cutters with small fine-cut file (Fig. 3). For very smooth work, take the edge off, so as to form a very slight bevel on outside edge of flange, always being careful to have the flange project a little beyond the cutters. In case a bit is too hard, heat a pair of tongs, and take hold of the shank back of and close to the flange, and draw the temper to a light blue colour, then cool in water, and the Bit can be easily filed and scraped.



No. 529w.

Screw and Plug Bit.



Two-thirds size.

$\frac{1}{2}$ in. Bit takes $\frac{1}{8}$ in. Drill; $\frac{3}{8}$ in. Bit takes $\frac{1}{8}$ in. Drill; $\frac{1}{2}$ in. Bit takes $\frac{1}{8}$ in. Drill.
Prices, complete with Plug Cutter, $\frac{1}{2}$ in. 7/9; $\frac{3}{8}$ in. 8/3; $\frac{1}{2}$ in. 8/9 per set.

This is intended to cut the plug to cover the head of the screw. The Knives are interchangeable, and in case one is broken, can be replaced at small cost. They are made of the very best tool steel, carefully hardened, tempered and tested.

Prices ... $\frac{1}{2}$ in. 1/2; $\frac{3}{8}$ in. 1/4; $\frac{1}{2}$ in. 1/6 each.

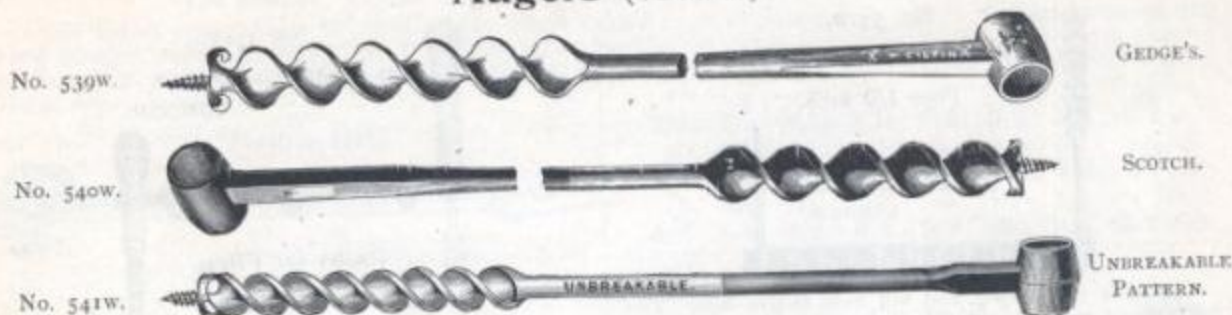
No. 530w. Improved Plug Cutter.



Half-size.

Tool, Machine, and Hardware Merchants and Manufacturers.

Augers (Various).



	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2 in.
Gedge's Eyed, Polished	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{1}{10}$	$\frac{2}{-}$	$\frac{2}{4}$	$\frac{2}{6}$	$\frac{2}{10}$	$\frac{3}{3}$	$\frac{3}{6}$	$\frac{4}{3}$ ea.
Scotch Pattern, Bright	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{1}{10}$	$\frac{2}{-}$	$\frac{2}{3}$	$\frac{2}{6}$	$\frac{2}{9}$	$\frac{3}{-}$	$\frac{3}{3}$	$\frac{3}{9}$ "
Unbreakable Pattern ...	$\frac{1}{3}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{7}$	$\frac{1}{11}$	$\frac{2}{2}$	$\frac{2}{5}$	$\frac{2}{8}$	$\frac{3}{2}$	$\frac{3}{5}$	$\frac{3}{11}$	$\frac{4}{-}$	$\frac{4}{6}$	$\frac{5}{-}$ "



	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	2 in.
Black Screw Augers	...	$\frac{-9}{-}$	$\frac{-10}{-}$	$\frac{-11}{-}$	$\frac{1}{-}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{1}{10}$	$\frac{2}{2}$	$\frac{2}{9}$	$\frac{3}{3}$ ea.
Bright Gedge's "	...	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	$\frac{1}{10}$	$\frac{2}{-}$	$\frac{2}{4}$	$\frac{2}{6}$	$\frac{2}{10}$	$\frac{3}{6}$	$\frac{4}{3}$ "
Tanged Shell "	...	$\frac{-7}{-}$	$\frac{-7}{-}$	$\frac{-8}{-}$	$\frac{-10}{-}$	$\frac{-11}{-}$	$\frac{1}{1}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{8}$	—	—

Auger



Handles.

No. 544W.

The main body of this is made of Malleable Iron, with Polished Ash Handles at the ends, adjustable.
Price 1/8 each.



No. 545W.

This Handle will hold and centre correctly Augers of all sizes and shapes. A steel band, 3 in. long and $\frac{3}{16}$ in. thick, is made to fit the handle. This band is cut lengthwise into two equal sections, which are operated by the two steel screws with thumb nuts, as seen in the cut. These sections can be opened wide enough to let the Auger Shank pass in without removing the nut on the end. Length 17 in. Price 2/3 each.

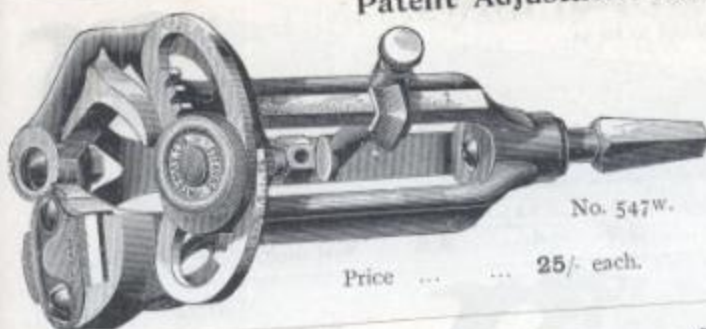
Ratchet Auger Handle.

No. 546W. Will take Augers of all sizes, and can be operated by both hands without shifting the hands. One handle may be removed for working in close places, or next a wall. Length 16 in. Price 6/3 each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Rd. MELHUISE, Ltd., Fetter Lane, Holborn Circus, London, E.C. 77

Patent Adjustable Hollow Auger.



No. 547w.

Price ... 25/- each.

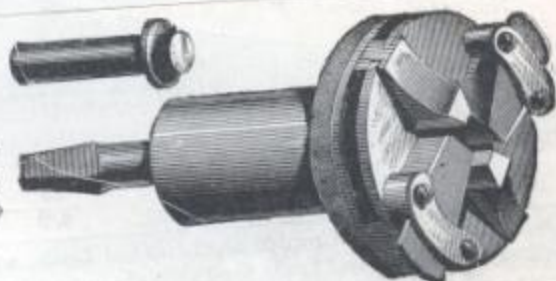
Will cut all sizes from $\frac{1}{4}$ to $1\frac{1}{4}$ in. diameter. In moving for different sizes no alteration of the knife is necessary, the change being made by simply turning the thumbscrew in the rack. It is provided with an adjustable stop, or depth gauge, sliding on a rule-marked scale, by means of which the length of tenon cut can be regulated exact, from 1 in. to 3 in. This Tool is used for cutting the tenons on the end of spokes, and will soon save its cost to carriage builders and wheelwrights.

Improved Universal Hollow Auger.

No. 548w.

This will cut from $\frac{3}{8}$ to $1\frac{1}{4}$ in., and is warranted to give satisfaction. It is very light, and with proper usage will last a lifetime. Any part can be replaced if broken, as all parts are made to gauge. Cutters can be adjusted to size required.

Price 21/- each. Extra Cutters, 2/- per pair.



Hollow Augers. Complete with Boring Bit.

No. 549w.



Sizes ...	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$ in.
Price ...	4/6	4/6	4/9	5/-	5/3 each.
Sizes ...	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ in.
Price ...	5/6	6/6	6/9	8/-	8/3 each.

Patent Pointing Tool.

No. 550w.



Width across, $\frac{7}{8}$ in. inside.

Price ... 1/3 each.

Dowel Shaver. Straight Pattern.

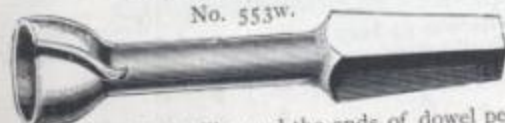
No. 551w.*



Price ... 1/3 each.

Dowel Rounder.

No. 553w.

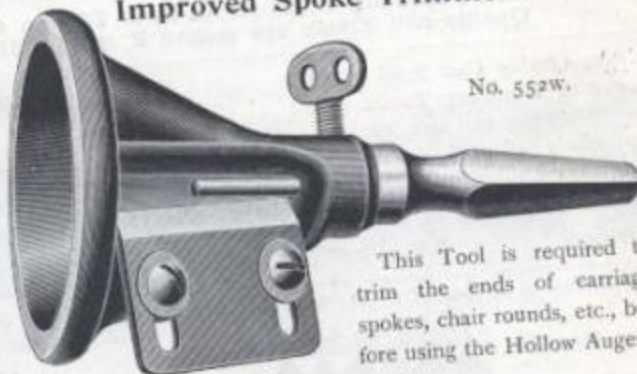


This Hollow Tool will round the ends of dowel pegs perfectly.

$\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $1\frac{1}{8}$ in. ... 1/3 each.

Improved Spoke Trimmer.

No. 552w.



Width across, $2\frac{1}{2}$ in.

Price ... 2/3 each.

Contractors to the Home, Indian, and Colonial Governments.

8-6
10-6
11-6
30-6

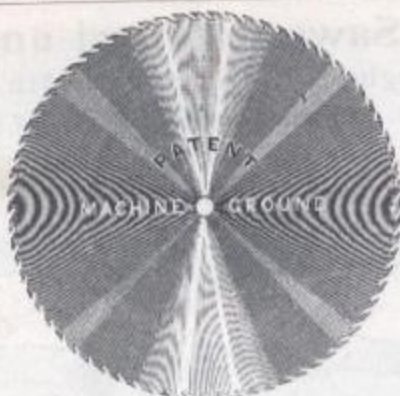
5-0
5-3
5-6
2-3
18-0

7-9
9-0
9-6
3-6
29-9

Circular Saws

No. 589w.

Best Warranted Cast Steel. Machine ground. When ordering give Gauge, Diameter of Spindle and Pin Holes (also position of the latter), pattern of Tooth, and distance from point to point.



for Wood.

Say also whether required for hard or soft wood.

For patterns of Teeth see illustration below.

Size	4	5	6	7	8	10	12	14	16	18	20	22	24	26	28	30	36	in.
Gauge	—	—	—	—	—	—	17	17	16	15	14	14	13	13	12	12	11	
Price	2/-	2/6	3/-	3/6	4/-	5/6	8/6	9/6	11/-	13/6	16/6	19/-	22/-	25/6	30/-	34/6	54/-	ea.

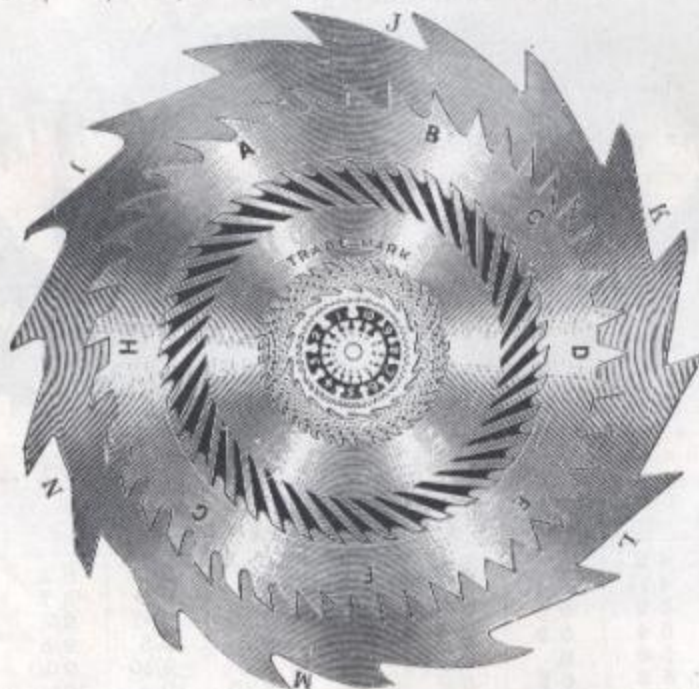
Sharpening Saws ready for immediate use, $\frac{1}{16}$ per in. extra.

Special Quotations for Larger Sizes on Application.

Each letter from A to N indicates the pitch of a Saw Tooth.

Estimates for Saw Mill Requisites and Complete Sawing Plants for Export.

Experienced packers employed in the dispatch of all our goods.



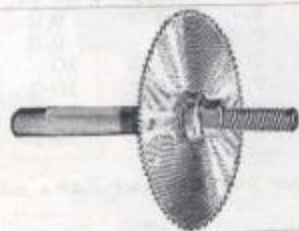
Special attention given to every detail in Fittings, and care in marking each part for putting together in working order when delivered.



Circular Saw

and Spindle. No. 590w.

Spindle.	Saw.
A. $5 \times \frac{3}{16}$ in.	1/6 ... 3 in. 2/- each.
B. $5 \times \frac{1}{4}$ "	1/9 ... 4 " 2/- "
C. $6 \times \frac{1}{2}$ "	2/6 ... 5 " 2/6 "



Spindle.	Saw.
D. $7 \times \frac{3}{8}$ in.	3/6 ... 6 in. 3/- each.
E. $8 \times \frac{3}{4}$ "	4/6 ... 8 " 4/- "
F. $10 \times \frac{7}{8}$ "	6/6 ... 10 " 5/6 "

No. 591w. Saws for Cutting Metal.	Size	4	5	6	7	8	9	10	11	12	in.
Price	...	3/6	4/6	5/8	6/3	7/6	8/6	10/6	11/6	12/9	each.

NOTE.—These are made to gauges proportioned to the diameter, but when made to special thickness an extra charge is made. For supplying to given size of Spindle Hole and Teeth an extra cost of $\frac{1}{8}$ is charged up to 10 in. Prices of larger sizes given on application.

Standard speed for Circular Saws, 9,000 running feet per minute.
Any pattern Circular Saw quoted for on receipt of specification.

Tool, Machine, and Hardware Merchants and Manufacturers.

Disston's Celebrated American Saws.

Every Saw bearing the Brand of Disston is guaranteed to be as true and as free from flaws as it is possible to make it.

No. 554w.

With warranted Crucible Steel Blade, polished edge, and Beech Handle.

Length	...	...	20	22	24	26 in.
Price	...	...	3/9	4/-	4/6	4/9 each.

Skew Back.

No. 555w.

The Blade is made of the finest Crucible Steel, and is warranted to be true and as free from flaws as it is possible to make it.

Length	...	...	20	22	24	26	28 in.
Price	...	...	4/9	5/3	5/9	6/-	7/- each.

No. 556w. Refined Crucible Steel Grained Blade, warranted. Handle of Applewood, polished and firmly fixed to Blade by four Improved Screws. Blade is carried well under Handle, thereby giving full sweep in sawing without catching in work.

(The handle of this Saw is not supplied carved as shown.)

Length	...	...	20	22	24	26	28	30 in.
Price	...	...	4/9	5/3	5/9	6/-	7/-	7/9 each.

High-class.

Warranted.

No. 557w.

Blade of Extra Refined London Spring Steel, selected and highly polished. Handle of Applewood, carved and polished, and secured by four Brass Screws. One of the finest saws manufactured.

Length	20	22	24	26	28 in.
Price	6/3	6/9	7/6	8/-	9/- each.

These Saws are specially made for us by H. Disston & Sons, U.S.A., and as a full Guarantee of First Quality and Finish are etched R. MELHUISH, LTD., Fetter Lane, London, E.C.

Best Quality Cast Steel Hand Saw with Lightning Tooth. Of special temper and strength, and particularly adapted for cutting rough wood.

Length 26 in.

Price ... 5/6 each.

No. 558w.

English Make.

Attention is requested to the following when ordering:

Six points  or tops.

All our Saws are stamped the number of points—*not* teeth—to the inch (see example). Kindly order accordingly.

We endeavour to keep in stock the following points in the best quality Saws.

20 in. Panel	...	—	—	9	10	11	12
22 " "	...	—	8	9	10	11	12
24 " "	...	7	8	9	10	11	12
26 " Hand	...	5	5½	6	7	8	9
28 " Rip	...	—	3	3½	4	4½	5

Bronze Medal, 1884.—Gold Medal, 1890.

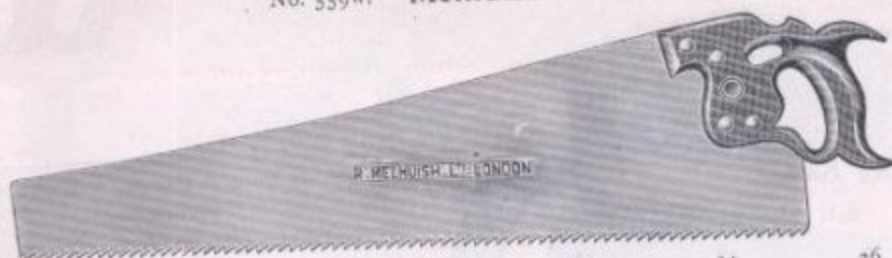
Rd. MELHUISH, Ltd., Fetter Lane, Holborn Circus, London, E.C. 79

The Finest Quality English-Made Saws.

No. 559w. Melhuish's New Skew Back Saw.

Quality and Finish unequalled.

The Blade is ground about 4 gauges thinner at back than front, and has a peculiar shaped Butt or Heel, which enables a full sweep of the Saw to be given without the possibility of catching in the work. The Handle is of polished Beech, and is firmly secured to the Blade by improved Nickel-plated Screws.

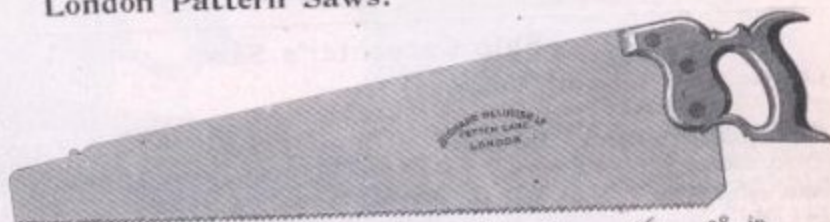


Length ...	20	22	24	26	28 in.
Price ...	5/-	5/6	6/-	6/6	7/6 each.
	With Ordinary Handles.			Handles with Thumb Holes as drawn.	

London Pattern Saws.

Fully Warranted.

The sterling quality of these Saws has secured for them an extensive adoption amongst first-class workmen throughout the country. Special attention is given to the tempering and finishing of the Blades, which are ground about 4 gauges thinner at back than front.



Length ...	10	12	14	16	18	20	22	24	26	28 in.
No. 560w. Best Quality ...	2/-	2/3	2/9	3/-	3/3	3/9	4/-	4/6	5/-	6/- each.
No. 560½w. Cheaper Quality	1/3	1/6	1/9	2/-	2/3	2/6	2/9	3/-	3/6	— "

No. 561w. Silver Steel, Warranted, London Spring.

With Polished Applewood Handle.

Spear & Jackson's Manufacture.

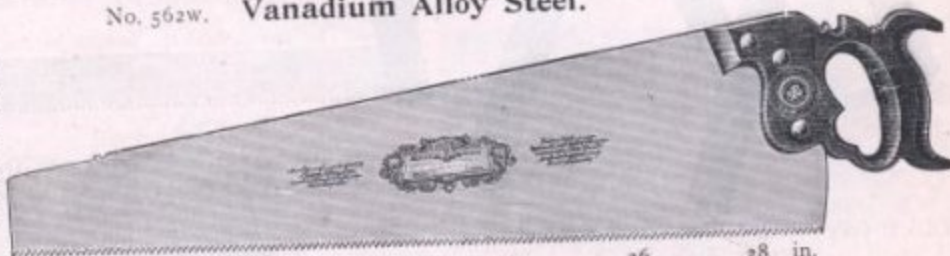
Improved temper, mirror polish, Blade breast on tooth. A high-grade Saw for Cabinet Makers, Carpenters, etc., for fine and accurate work.



Length ...	18	20	22	24	26	28 in.
Price ...	5/-	5/3	5/9	6/6	7/-	7/6 each.

No. 562w. Vanadium Alloy Steel.

Of improved temper, Blade highly glazed and breast on tooth. The Blade is of extreme toughness, will work longer than others without sharpening, and is more difficult to buckle in use. This Saw is classed as one of the finest yet produced. Handle of selected English Beech, polished.



Length ...	18	20	22	24	26	28 in.
Price ...	6/-	6/6	6/9	7/-	7/6	8/6 each.

Six points  to the inch.

In ordering Hand Saws, state points to inch. See page 78.

Tool, Machine, and Hardware Merchants and Manufacturers.

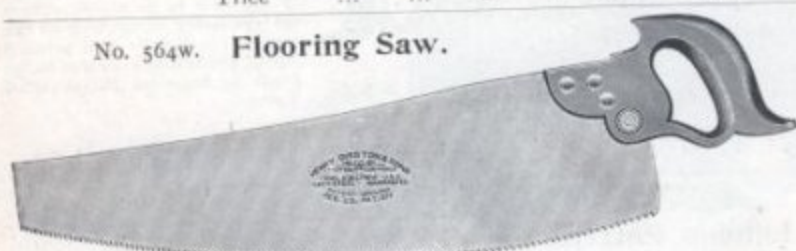
No. 563w. Disston Hand Saw. Skew Back, Narrow Width.

Refined Crucible Steel, Highly Polished Blade, Warranted. Applewood Handle, Carved and Polished, 5 Brass Screws. The 26 in. Blade is 6 in. wide at Butt, and 1 $\frac{3}{4}$ in. at Point.



Length	...	...	...	22	24	26	28 in.
Price	...	...	...	6/-	6/9	7/-	7/9 each.

No. 564w. Flooring Saw.



For cutting through Flooring without the use of Chisel or Auger.

Blade of Refined Crucible Steel, Warranted. Handle of Applewood, Polished and secured by 5 Brass Screws.

Made with Deep Breast and toothed 8 points to the inch.

Length 20 in. ... 5/6 each.

No. 565w. Ship Carpenter's Saw.

Crucible Steel Grained Blade, Warranted.

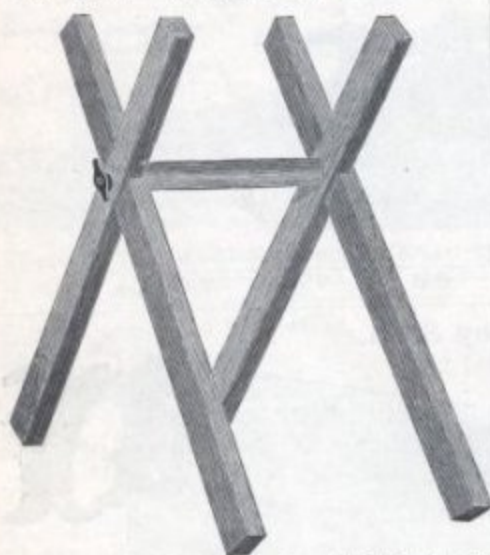
Full polished Beech Handle, secured by 4 Brass Screws.

Also suitable for Cabinet Makers and others desiring a narrow Saw.



Length	...	...	...	22	24	26	28 in.
Price	...	...	...	4/3	4/6	5/6	6/3 each.

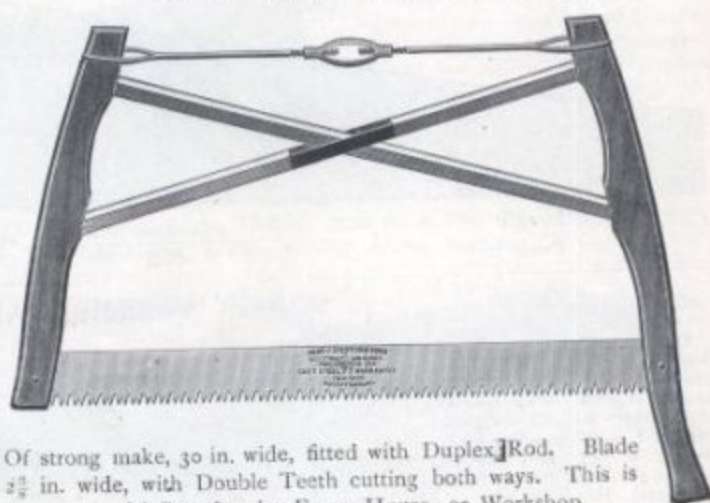
No. 566w. Wood Saw Bucks.



Of carefully selected Wood, well finished, with strong Rods, etc.

Price ... 1/6 each.

No. 567w. Wood Cutter's Saw.



Of strong make, 30 in. wide, fitted with Duplex Rod. Blade 2 $\frac{3}{8}$ in. wide, with Double Teeth cutting both ways. This is a useful Saw for the Farm, House, or Workshop.

Price ... 3/6 each.

Extra Blade, 2/3.

Six Points  to the inch.

In ordering Hand Saws, state points to inch.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

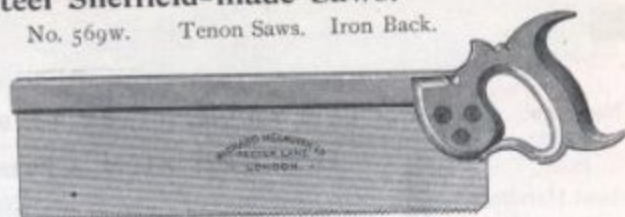
Best Quality Cast Steel Sheffield-made Saws.

No. 568w.
Dovetail. Iron Back.



Size	...	8	9	10 in.
Price	...	3/6	3/6	3/6 each.

No. 569w. Tenon Saws. Iron Back.



Size	...	12	14	16	18 in.
Price	...	3/9	4/3	5/-	5/9 each.

Best Quality Heavy Brass Back Saws.

No. 570w. Tenon.



Size	...	12	14	16	18 in.
Price	...	5/-	5/9	6/6	7/6 each.

No. 571w. Dovetail.



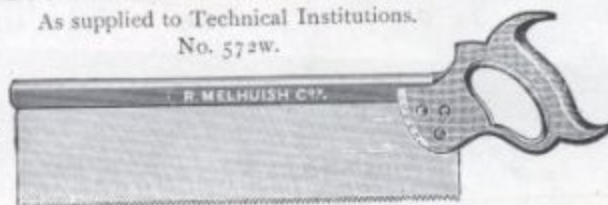
Size	...	8	9	10 in.
Price	...	4/9	4/9	4/9 each.

Cast Steel Sheffield-made Saws with Iron Backs.

As supplied to Technical Institutions.

No. 572w.

Size	8	9	10 in.
Price	2/9	2/9	2/9 each.

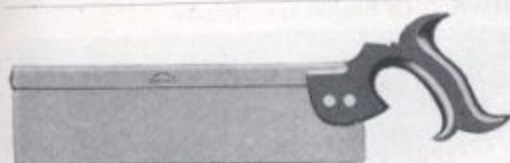


Size	12	14	16 in.
Price	3/3	3/6	4/3 each.

Melhuish's Special Pattern Iron Back Saws.

No. 573w.

Of Warranted Quality.



Size	...	8	10	12 in.
Price	...	1/6	1/9	2/- each.

Patent Adjustable Tenon Saw.

By reversing Lever, Blade can be moved up and down. When adjusted to depth of Tenon, etc., tighten Lever and adjust by nut opposite.

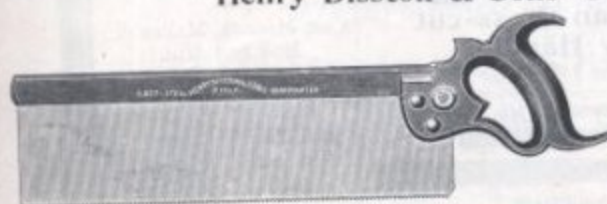
Price ... 6/6 each.

No. 574w.



Henry Disston & Sons' Steel and Brass Back Saws.

Of the First Quality, with Applewood Handles, with Polished Edges.



Size	...	8	10	12	14	16 in.
------	-----	---	----	----	----	--------

No. 575w. With Blued Steel Backs	3/6	3/9	4/3	5/-	5/9 ea.
„ 576w. „ Brass Backs	5/-	5/3	5/9	6/6	7/3 „

A large and varied Stock of Engineers' Tools and Motor Accessories.

Warranted C.S. Cross- cut Saws.

No. 577w. 4 ft. 6/-, 4½ ft. 6/9, 5 ft. 7/6, 5½ ft. 8/3, 6 ft. 9/-, 7 ft. 10/6 each. Handles, -/8 per pair extra.

Best Cast Steel, Cross-cut Saws, Lightning Teeth.

Price,
without Handles :

4 ft. ...	7/- each.
4½ " ...	7/9 "
5 " ...	8/6 "
5½ " ...	9/3 "
6 " ...	10/- "

No. 578w.

Patent Handles, as shown, 1/6 pair extra.

Sharpening and Setting above Saws, -/4 per ft. extra.

One Man Cross-cut Saw.

No. 579w.

Adjustable
Supplementary
Handle to fit
Hole at end of
Saw, -/9 extra.

3 ft. 7/-, 3½ ft. 8/-, 4 ft. 8/6, 4½ ft. 10/6 each.

One Man Cross-cut Saw, with one Supplementary Handle.

Extra Handles
-/9 each.

3 ft. 7/3

3½ ft. 8/-

4 ft. 9/6

4½ ft. 10/6

5 ft. 11/9

Disston's
Make.

No. 580w.

No. 581w. Warranted Cast Steel Pit Saws. Of English manufacture.

4 4½ 5 6 7 ft.
8/- 9/- 10/- 12/- 14/-
FELLOE SAWS, same prices
and sizes as above.

Sharpening and Setting,
-/4 per ft. extra.



No. 582w.
Box and
Tiller, for Pit Saws.

Price 2/6 per pair.

No. 583w.
Beech Pit Saw Box, 1/9



No. 584w.
One Man Cross-cut
Saw Handle.

Price 1/3 each.

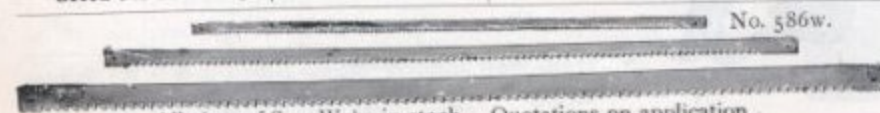
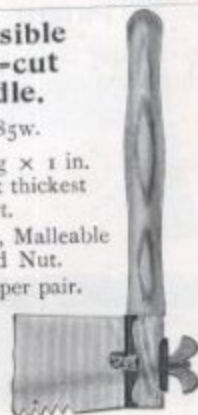
Reversible Cross-cut Handle.

No. 585w.

13½ in. long x 1 in.
diameter at thickest
part.

Cast Mounts, Malleable
Bolt and Nut.
Price 1/6 per pair.

Plain
Handles,
-/8 per
pair.



No. 586w.

All sizes of Saw Webs in stock. Quotations on application.

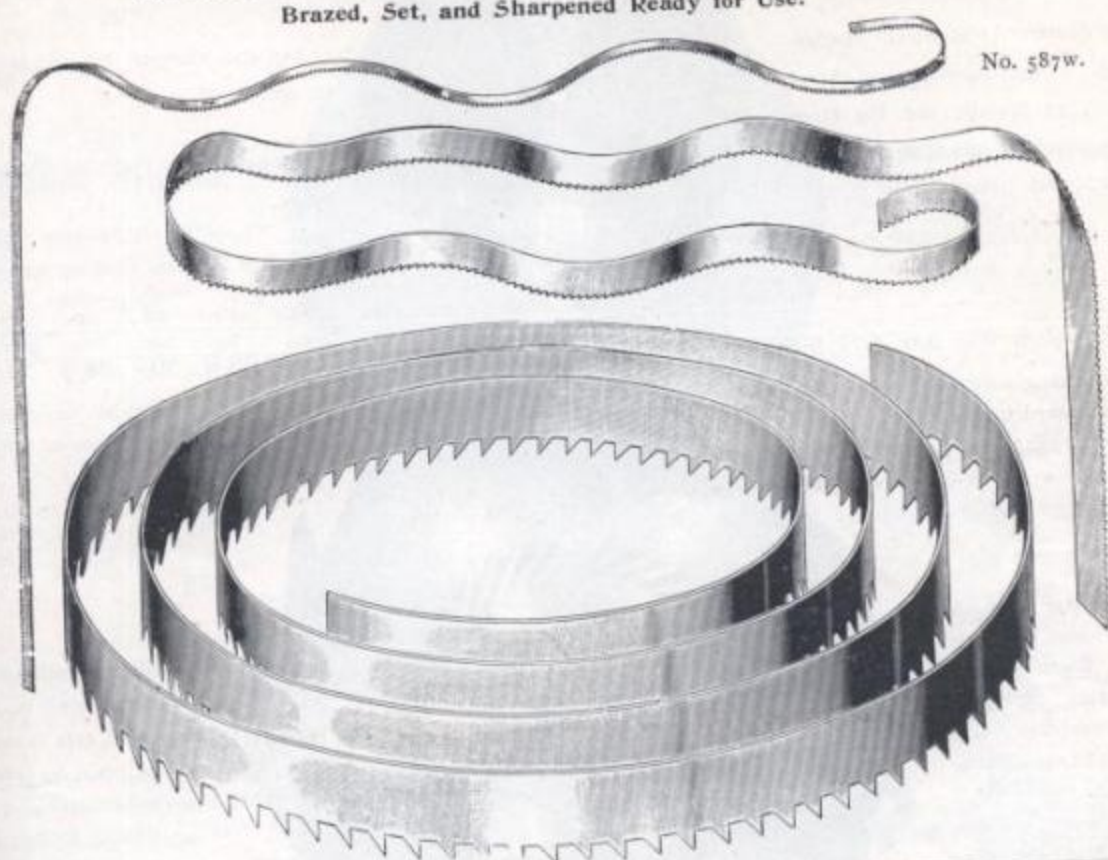
Contractors to the Home, Indian, and Colonial Governments.

Rd. MELHUISE, Ltd., Fetter Lane, Holborn Circus, London, E.C. 83

Machine Band Saws for Hard and Soft Woods.

Uniform throughout in Temper, Width, and Gauge.

Brazed, Set, and Sharpened Ready for Use.



Size.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$ inch.
12 to 13 ft. long	4/8	5/-	5/6	6/2	7/2	8/2	8/2	11/2	12/- each.
13 " 14 " "	4/11	5/3	5/9	6/5	7/6	8/7	8/7	11/10	12/8 "
14 " 15 " "	5/2	5/6	6/-	6/8	7/10	9/-	9/-	12/6	13/4 "
15 " 16 " "	5/4	5/9	6/3	7/-	8/2	9/5	9/5	13/2	14/- "
16 " 17 " "	5/6	6/-	6/6	7/3	8/6	9/10	9/10	13/9	14/9 "
17 " 18 " "	5/8	6/2	6/9	7/6	8/10	10/4	10/4	14/6	15/6 "
18 " 19 " "	5/10	6/4	7/-	7/9	9/2	10/9	10/9	15/2	16/2 "
19 " 20 " "	6/1	6/6	7/3	8/-	9/6	11/2	11/2	15/10	16/10 "
20 " 21 " "	6/4	6/9	7/6	8/4	10/-	11/8	11/8	16/4	17/8 "
21 " 22 " "	6/6	7/-	7/8	8/6	10/2	12/-	12/-	17/-	18/4 "
22 " 23 " "	6/9	7/3	8/-	8/9	10/6	12/6	12/6	17/8	19/- "
23 " 24 " "	7/-	7/6	8/3	9/-	10/10	13/-	13/-	18/4	19/9 "

Prices for Longer and Broader Saws on application.

Band Saws for Cutting Metal.—Prices on application.

No. 588w.	Genuine French Band Saw Steel, Toothed and Set only.									
Width	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{1}{2}$ in.
Prices	-/8	-/8	-/9	1/-	1/-	1/2	1/6	1/7	1/8	2/- per yard.

Bronze Medal, 1884.—Gold Medal, 1890.

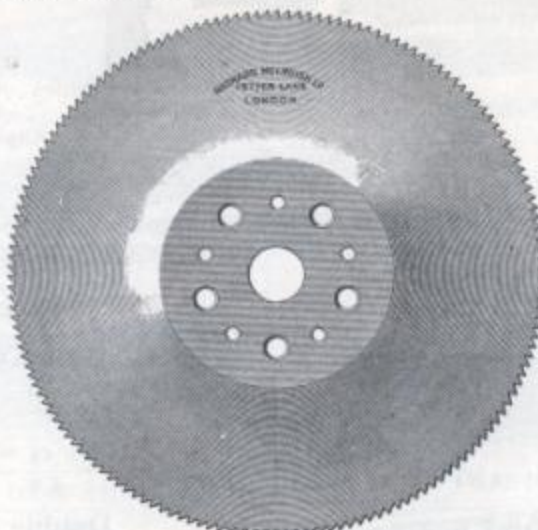
Rd. MELHUISE, Ltd., Fetter Lane, Holborn Circus, London, E.C. 85

Circular Saws for Cutting Iron and Steel, Cold.

No. 592W.

Hollow Ground.

Specially manufactured from the very finest quality Cast Steel and Warranted.



Hollow Ground.

Every detail in these Cold Saws is carefully superintended to give the Best Results.

Diameter	18	20	22	24	26	28	30	32	34	36 in.
Gauge	6	6	5	5	5	5	4	4	4	4
Price	32/6	34/6	42/-	46/6	56/-	63/-	69/-	77/9	83/9	92/- each.

Saws thicker than the above advance in price proportionately.

If bored to fit Hill's Patent Machine, with 5 Countersunk Holes, 3/6 each extra.

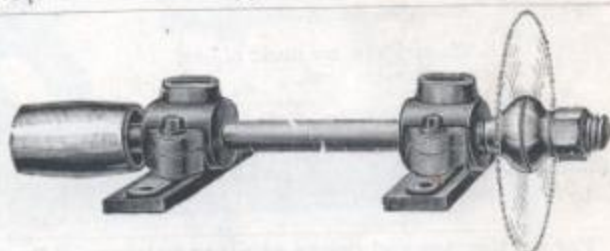
" " " " " " 6 " " 4/6 " "

Hill's Plates made and fitted if required. Prices on application.

Saw Spindles, etc.

No. 593W. Steel Spindle, Cast Iron Blocks, Pulley, and Flanges with Composition Metal Bearings.

Diameter of Spindle	1	1 1/2	1 3/4 in.
Length of Spindle	17	20	23 "
Price	19/-	25/-	35/- each.
" with Fast and Loose Pulleys	22/-	29/-	40/6 "



This price does not include Saw.

No. 594W. Circular Saw Spindles, complete with Brass Bushed Bearings, Collars, and with Fast and Loose Pulleys.

Diameter of Spindle	1	1 1/2	1 3/4	1 7/8	2 in.	2 in.
Price	37/6	42/6	47/6	52/6	60/-	85/- each.

Carriage Forward.

Machine Hollow-Ground C.S. Grooving Saws.

No. 595W.	Diameter...	4	5	6	7	8	9	10	12 in.
	5/16 in. thick	8/-	10/-	12/6	14/-	16/-	18/-	20/-	23/6 each.
	3/8 in. thick	8/6	10/6	12/6	15/-	17/4	19/6	21/-	25/- "
	1/2 in. thick	9/-	11/6	13/-	15/6	18/-	21/-	23/-	26/- "
	3/4 in. thick	10/-	12/6	15/-	17/-	19/6	22/-	24/-	28/6 "



Jointed or Flexible Saw.

No. 596W.

Formed of hardened steel plates, loosely riveted together. Very strong and flexible. Through the rings at ends round pieces of wood may be inserted to form handles.



Price 7/6 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).



No. 597w. **Nest of Saws.**

Of Best Quality.

Price 2/9 complete as shown.

Handle and Screws -/8 each. | Keyhole Blade -/5 each.
Compass Blade ... -/8 " | Pruning " 1/3 "
English Manufacture.

No. 598w. **Nest of Saws.**

Of the Best Quality, with special large Metal Cutting Blade.

Price, complete with Handle, 10 in. Keyhole,
12 in. Compass, and 18 in. Metal Cutting
Blade, 5/- each.

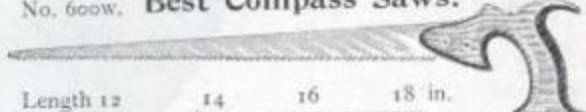


Pruning Saw.



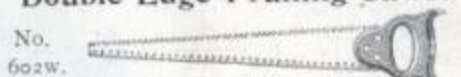
No. 599w. 18 in., 3/-; 20 in., 3/3; 22 in., 3/9; 24 in., 4/-

No. 600w. **Best Compass Saws.**



Length 12	14	16	18 in.
Price 1/3	1/4	1/6	1/8 each.

Double Edge Pruning Saws.



No. 602w.	Length 16	18	20 in.
	Price 2/6	3/-	3/3 each.

Pruning Saw.

No. 601w.

Price 2/9 each.

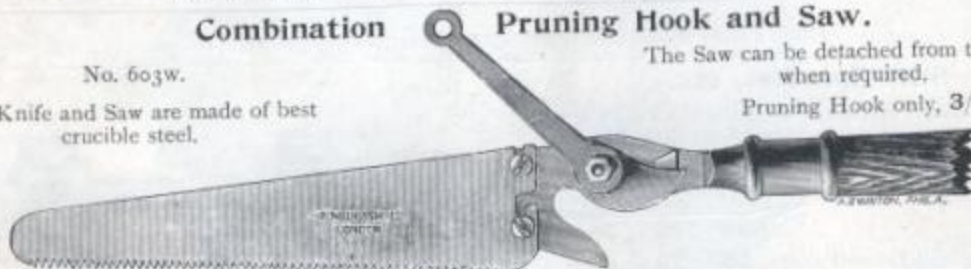
Combination

Pruning Hook and Saw.

No. 603w.

The Knife and Saw are made of best
crucible steel.

Price
as
illustrated,
5/6



The Saw can be detached from the Hook
when required.

Pruning Hook only, 3/9

Handles
in
each
case
extra.

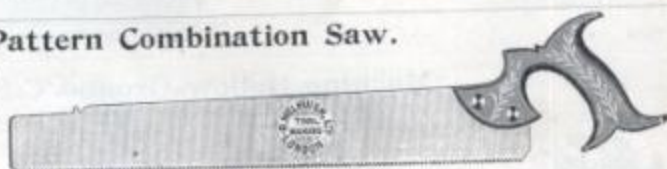
For particulars and prices of other patterns of Pruning Hooks, Garden Tools, etc., see Section No. 16 of our Catalogue, 124 pages—**HORTICULTURAL, FARM, and ESTATE APPLIANCES.** A copy will be sent on application.

No. 604w.

Melhuish's New Pattern Combination Saw.

Can be used as Hand, Back, Pruning, and General Purpose Saw; is light, handy, made of the very best steel, ground thin to the back and fully warranted. Made in one size only, Blade 17 in. long.

Price, with Polished Beech Handle (not carved), 3/6 ea.



No. 605w.

Thin Brass Back Saws for Wood.

Best Quality and Finish with Hardwood Handles.



Length 5	6	7	8 in.
Price -/9	-/10	-/11	1/- each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Pad Saw Handles.

No. 606w.

Best quality only.

No. 607w.



Beechwood, Large, 1/- Small, -/9 each.
Best Ebony, Large, 2/- each.



Boxwood, large, 1/6 each.
Blades extra. For prices see below.

Keyhole Saw Blades.

No. 608w.

Special Blue Tempered
Blade ground off thin to
back. Price -/6 each.

To 10 in., -/3 each.
" 12 " -/4 "



Keyhole Saw and Pad.

No. 609w.



New design. Best black Japan finish.
Price, complete with Blade, -/9 each.

Keyhole Saw and Pad.

No. 610w.



A cheap and convenient combination of Keyhole Saw, Saw
Pad and Screwdriver, complete with Blade. Price -/8 each.

Patent Adjustable Iron Handle Pad Saw.

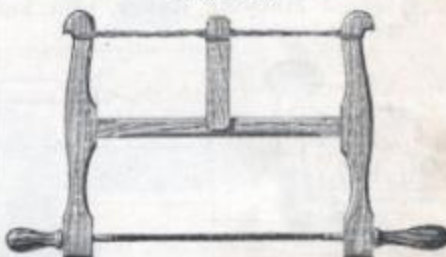
No. 611w.



Price, complete with Blade, -/10 each.
Extra Blades, -/3 each.

Turning Saws and Frames.

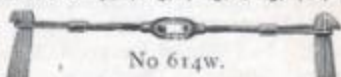
No. 612w.



Polished Beech Handles.

8 in.	10 in.	12 in.	14 in.	16 in.	18 in.
2/9	3/-	3/6	3/9	4/6	5/3 each.

Saw Blades only, -/2½, -/2½, -/2½, -/4, -/6 ea.



No. 614w.

With Improved Pattern Iron Tightening
Rod, -/3 each extra.

Butcher's Bow Saw.

No. 613w.



	16 in.	18 in.	20 in.
Riveted ...	4/6	4/9	5/6 each.
With Nut and Screw ...	5/6	5/9	6/6 "

Domestic Bow Saw.

No. 615w.



Size ...	12 in.	14 in.
Price ...	2/6	2/9 each.



Beech Saw Handles.

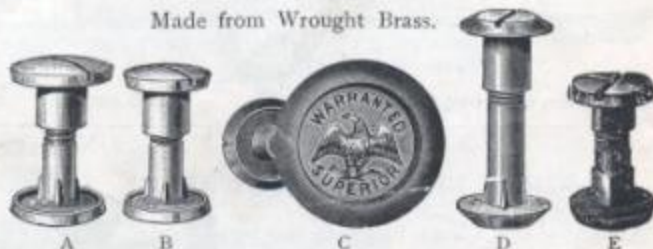
No. 617w.

Hand Saw ... -/9 each.
Back " ... -/9 "
For Disston's Saws—
No. D8 ... 1/4 each.
" 7 ... -/9 "
" 16 ... 1/6 "

No. 616w.

Saw Screws.

Made from Wrought Brass.



A and B, Centennial, -/1½ each.
C, Eagle, small, -/2; Large, -/2½ each.
D, Raised, -/2½ each. E, Iron, -/2½ each.
Brass Screws for English Saws, -/1 each.

**DON'T FAIL TO SEND US ALL YOUR INQUIRIES
AND ORDERS.**

Contractors to the Home, Indian, and Colonial Governments.

Gauges.

No. 618w.



Beech Marking Gauge, Rule Marked ... -/3 each.

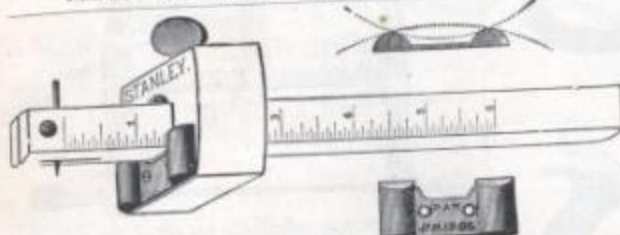
No. 620w.


Best Beech Marking Gauge ... -/6 each.
Ditto, Plated... -/8 each. Head faced with brass 1/6 ..

No. 622w.



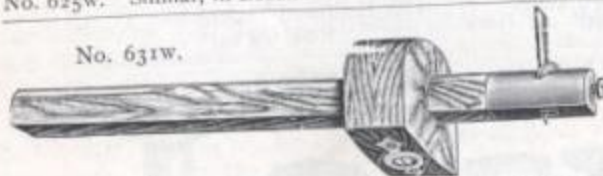
Nickel-plated Marking Gauge, with Rule Marked Steel Bar ... 1/6 each.



Straight or Circle Marking Gauge. With the Ribbed Brass Face a gauge line may be run with perfect steadiness and accuracy round curves of any degree, either concave or convex. The head is reversible, and the flat side can be used for ordinary work.

No. 624w. In Polished Boxwood, Rule Marked 1/- each.
No. 625w. Similar, in Beechwood ... -/8 ..

No. 631w.



New Pattern Cutting Gauge ... 2/6 each.

No. 633w.

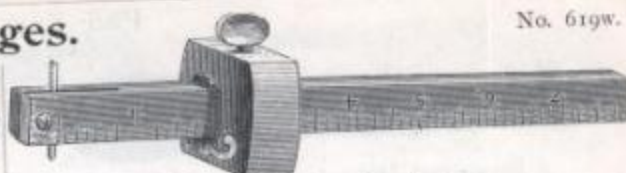
Improved

A metallic Butt Gauge, having one Bar with two Steel Cutters fixed on it. When the Cutter at the outer end of the bar is set for gauging on the edge of the door the Cutter at the inner end of the bar is already set for gauging from the back



Bronze Medal, 1884.—Gold Medal, 1890.

No. 619w.



Polished Hardwood Gauge, Plated Head, Brass Thumbscrew and Shoe, Rule Marked Stem, with Adjusting Steel Point... 1/3 each.

No. 621w.



Pattern-makers' Beech Marking Gauge -/6 each.

No. 623w.



Marking and Mortise Gauge, Nickel-plated, with Rule Marked Steel Bars ... 2/9 each.


No. 626w. Cutting Gauge, Best Beech ... -/8 each.
No. 627w. Ditto, ditto, Brass plated ... -/10 ..
No. 628w. Ditto, Best Hardwood ... 1/4 ..
No. 629w. Ditto, ditto, Brass plated ... 1/9 ..
No. 630w. Ditto, Head faced with Brass and Brass Hooped ... 2/3 ..

No. 632w.



Improved Oval-head Brass-faced Cutting Gauge ... 3/9 each.

Butt Gauge.

of the jamb. The other bar has a Steel Cutter to accurately gauge for the thickness of the Butt. Convenient for carrying in the pocket. Bars cannot fall out of Stock.

Price, Nickel-plated ... 2/9 each.

Crenelated Steel Square.

This is designed to facilitate the operation of marking timber for mortises or the "laying off a frame" with the utmost accuracy. It excels all other squares for carpenters' or builders' use. Turning the timber is nearly dispensed with; as three sides can be marked while it remains in the same position.

By the use of this Square one man can lay off more timber in the same length of time than two men can in the ordinary way.

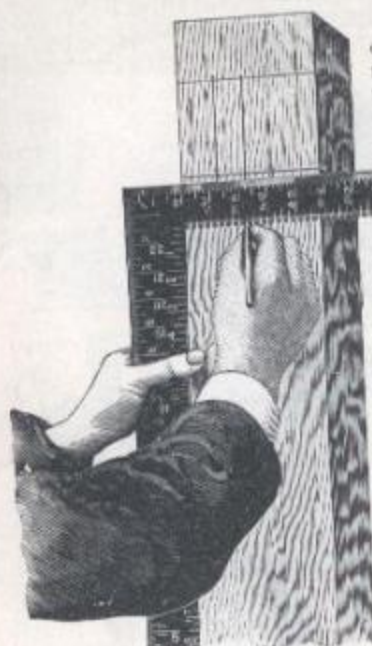
You can mark on either side or overhead.

DIRECTIONS FOR USE.

Take the Square in the left hand, lay the tongue of the Square upon the surface to be marked, for a tenon or mortise, lower the end of the main arm of the Square next to you, say about two or three inches from the upper surface, place the awl, held in the right hand, in the notch designating the distance you wish to have the mortise or tenon from the outer surface, gently press the Square against the timber, and with one forward movement the mark is made. Replace the Square as before, place the awl in the notch desired for width of mortise or tenon, and again mark as before. For a mortise, replace again, place the awl in a notch equidistant from marks already made, and again mark, for a guide to the auger, doing away with witness marks.

In using a pencil, after having marked, move the Square back a trifle before moving the right hand, to avoid breaking the pencil.

The same rules apply to its use in marking on the sides of timber or overhead, and with the Square in either hand.



No. 665w.	Polished. Graduated $\frac{1}{16}$, $\frac{1}{8}$, $\frac{1}{4}$ in., Board and Brace Measure	Price 5/6 each.
" 666w.	Nickel-plated. Ditto, ditto	" 6/9 "
" 667w.	Polished. Graduated $\frac{1}{32}$, $\frac{1}{16}$, $\frac{1}{8}$, $\frac{1}{4}$ in., with Brace Measure, 8 square and $\frac{1}{16}$ scale, and Essex's New Board Measure, giving feet and inches in full	" 8/- "
" 668w.	Nickel-plated. Ditto, ditto	" 9/- "

Steel and Iron Squares (not Crenelated).

The following are full polished, finely finished, accurately graduated, and warranted correct. Their reputation is that they are the best ever made.

No. 669w.	Polished. 2 in. wide, improved cast steel. Marked $\frac{1}{32}$, $\frac{1}{16}$, $\frac{1}{8}$, $\frac{1}{4}$ in., with Brace Measure, 8 square and $\frac{1}{16}$ scale, and Essex's New Board Measure, giving feet and inches in full...	Price 5/- each.
" 670w.	Nickel-plated. Ditto, ditto	" 6/6 "
" 671w.	Polished. Ditto, $\frac{1}{16}$, $\frac{1}{8}$, $\frac{1}{4}$ in., Board and Brace Measure	" 3/6 "
" 672w.	12 in. Polished Steel Square, marked $\frac{1}{16}$, $\frac{1}{8}$, $\frac{1}{4}$ in.	" 2/9 "

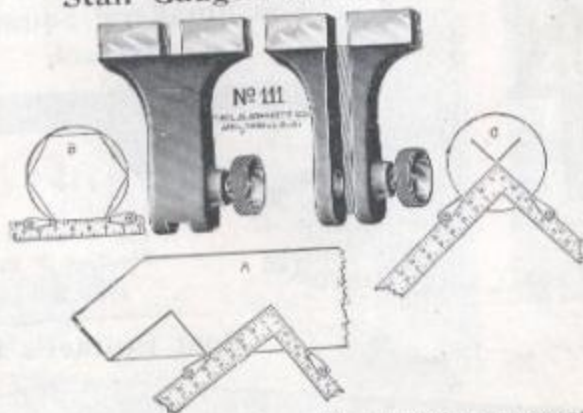
Patent Stair Gauge.

No. 673w.



For use in connection with any carpenter's steel square, and can be adjusted to any desired pitch or angle for cutting in rafters, braces, stairs, etc. Made in the shape of a steel angle $\frac{1}{8}$ in. \times $\frac{5}{16}$ in. and $\frac{3}{8}$ in. thick. Ground straight and nickel-plated.

	18	28 in.
Price, plain	3/-	4/9 each.
Graduated	4/9	7/3 "

Stair Gauge Fixtures. No. 674w.

A pair of these fixtures can be readily clamped to a carpenter's steel square to form a gauge for various uses.

Sketch A shows the gauge as applied for laying out a stair stringer; sketch B, laying off hexagon angles; sketch C, as used as a centre gauge or in quartering a circle. Price, 2/6 per pair.

Contractors to the Home, Indian, and Colonial Governments.

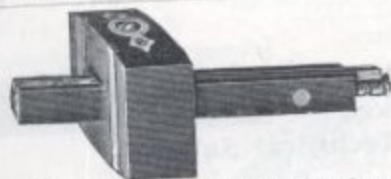
Gauges.



No. 634w. Brass Slide Rosewood Mortise Gauge 1/9 ea.
No. 635w. Brass Shield on Head ... 2/- ..



No. 636w. Rosewood Mortise Gauge, Brass Plated, Thumbscrew or Turncrew Slide ... 3/- each.



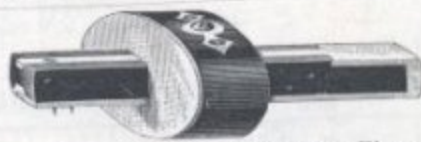
No. 637w. Ebony Mortise Gauge, Thumbscrew or Turncrew Slide ... 3/3 each.



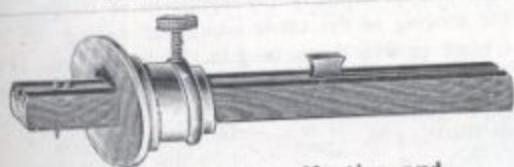
No. 638w. Ebony, Brass-faced Head Mortise Gauge, Thumbscrew or Turncrew Slide... 4/- each.



No. 639w. Ebony Oval Head, Brass-faced and Stem Mortise Gauge ... 4/3 each.



No. 640w. Improved Brass-faced Oval Ebony Head and Stem Mortise Gauge 6/- each.



No. 641w. Oval Combination Mortise and Marking Gauge with Solid Brass Head ... 5/9 each.

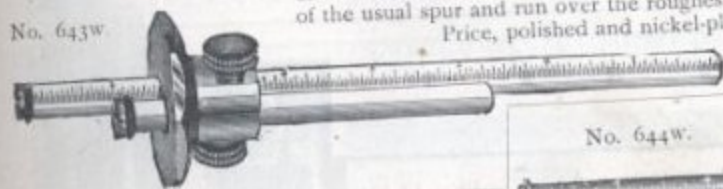


No. 642w. Butt and Rebate Gauge. Useful in hanging doors, mortising, marking, etc. Has 2 Brass Bars, one movable within the other. The 2 steel blades at extremity of inner bar can be moved to any position by the Thumbscrew. Price, packed in box ... 4/9 each.

Combination Roller Gauge.

For lining out single and double work, measuring depths and striking circles, etc. When used as a single gauge the shorter beam slides into head. Rollers take the place of the usual spur and run over the roughest work with perfect ease and accuracy. Price, polished and nickel-plated ... 4/2 each.

No. 643w.



No. 643 1/2 w. Similar to above ... 3/3 each.

No. 644w.



Combination Triple Beam Roller Gauge.

For single, double, or triple measurements, polished and nickel-plated ... 4/- each.
No. 21A. Single beam, Price 2/6 each.

For curved work loosen thumbscrew on upper side, adjust Gauge Face against edge of work and tighten thumbscrew. Double line gauging is done by a shifting marker carried on a sliding plate.



New Pattern Marking Gauge.

When necessary these can be readily removed. The sliding plate, mounted in a slot in Gauge Bar, is adjusted and secured by a thumbscrew.

Price ... 3/3 each.

Best Quality Joiners' Squares.

		3	4½	6	7½	9	10½	12 in.
No. 646w.	Plated Rosewood ...	1/-	1/2	1/4	1/8	1/11	2/3	2/6 each.
" 647w.	Best Plated Ebony...	1/3	1/5	1/8	2/-	2/4	2/6	3/2 "
" 648w.	Ditto, combination Square and Mitre	—	2/-	2/6	—	3/3	—	4/- "



No. 649w.
**Diamond
Plated
Mitre
Square.**

	8	10	12 in.
Price ...	2/2	2/4	2/9 each.
" in Ebony ...	2/9	3/3	3/9 "

No. 650w.

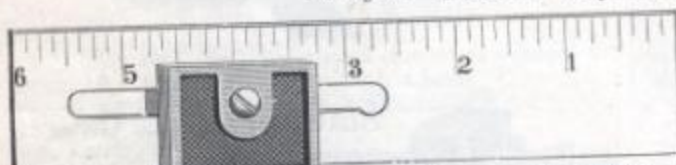
Rule- Marked Technical Square.

English Manufacture.

6. 9 12 in.

Price ...	15/-	21/6	27/6 per doz.
-----------	------	------	---------------

No. 651w. Patent Adjustable Try Square.



The Blade of this Square can be firmly and accurately secured in its seat at any point. When the Blade is carried fully to the front of the handle it is like an ordinary Try Square in all its uses, and the moving of the blade admits of making the Try Square perfect down to ¼ in. blade, or less. This tool will be found invaluable in putting on butts or locks, and doing short work about doors, windows, etc.

Iron Handle, graduated Steel Blade, 4 in. ...	1/3 each.
" " " " " 6 " ...	1/6 "

Improved Iron Frame Try and Mitre Squares.

	4	6	8	10	12 in.
No. 652w. Try Square	9	1/-	1/3	1/6	2/- ea.
" 653w. Mitre "	1/2	1/4	1/8	2/-	2/6 "

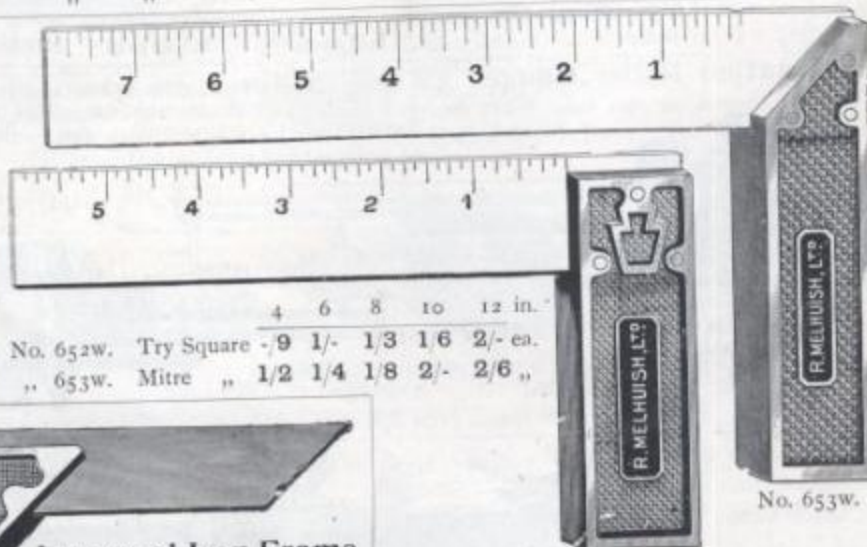


No. 654w.

Improved Iron Frame Mitre Square.

Nickel-plated Stock, Steel Blade.

	8	10	12 in.
Price ...	2/-	2/3	2/6 each.



No. 652w.

No. 653w.

Orders of 20/- and upwards Carriage Paid (with few exceptions).



No. 655w.

Improved Sliding Bevels.

Blued Steel Blades.



No. 656w.

Size	7 1/2	9	10 1/2	12 in.
Best Plated Rosewood Stock	1/10	2/-	2/3	2/6 each.
" Ebony Stock	2/-	2/2	2/4	2/8 "
" Brass Framed Stock	3/-	3/4	3/6	4/- "



Improved Pattern Iron Stock Bevel.

No. 657w.

Flush Screw, Parallel Edges, Steel Blade, 10 in.
Price 2/- each.

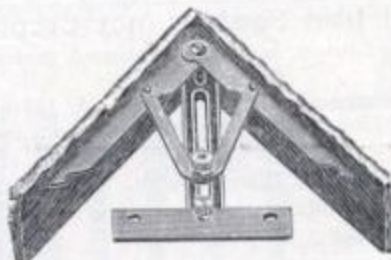
Stanley Angle Divider.

No. 660w.

With this tool any angle can be found and bisected. Fitting moulding or other wood-work to odd angles can be done with ease and certainty. It is also graduated for the parts of circle commonly used. A handy tool for laying out work.

The Angle Divider is accurately made and can be used as a Try or "T" Square.

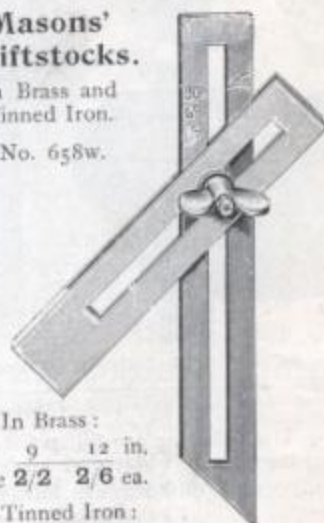
Angle-Divider, Nickel-plated, Price 5/6



Masons' Shiftstocks.

In Brass and Tinned Iron.

No. 658w.



In Brass:

9 12 in.

Price 2/2 2/6 ea.

In Tinned Iron:

9 12 in.

Price 1/2 1/3 ea.

No. 659w.

In ordering, our customers are requested to give the number of the article and the page and not to cut the Catalogue. Loose sheets will be sent if desired.

RICHARD MELHUISH, Ltd.



No. 661w.

Spider Mortise Bevels.

Price 2/9 each.

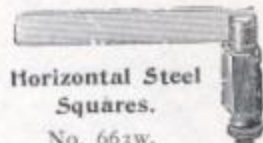
Coachmakers' Squares and Bevels.



No. 662w.

Mortise T Bevels.

Price 2/6 each.



Horizontal Steel Squares.

No. 663w.

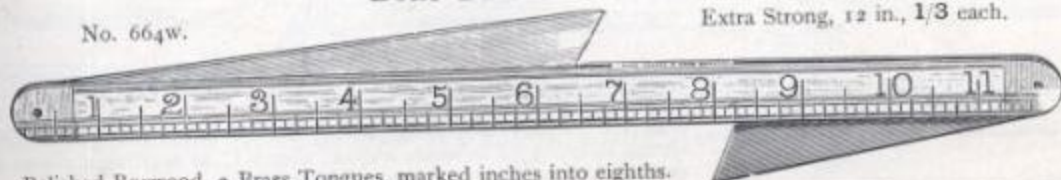
Gunmetal Handles.

Price 4/6 each.

Boat Builder's Bevel.

No. 664w.

Extra Strong, 12 in., 1/3 each.

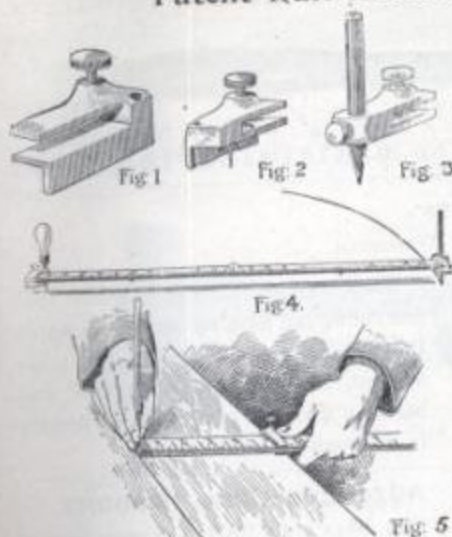


Polished Boxwood, 2 Brass Tongues, marked inches into eighths.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Patent Rule Attachments.

No. 675w.



Specially designed for the use of Draughtsmen, Clerks of Works, Foremen, etc., for setting out and marking off.

Fig. 1 is for use on the rule as a gauge as shown in Fig. 5, and may be used for striking curves or circles by using a bradawl for a centre, as shown in Fig. 4.

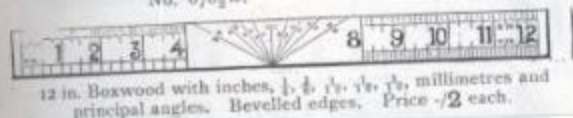
Fig. 2 is fitted with a fine steel point, which folds up into the fence when not in use, and so admits of same being used as shown in Fig. 5. This point dispenses with the use of a bradawl, and is specially designed for use on the drawing-board.

Fig. 3 is adapted to hold a pencil, drawing-pen, or steel point, and to be used with either Figs. 1 or 2 when using the rule as a beam compass or trammel as shown in Fig. 4.

Prices, in Solid Brass:

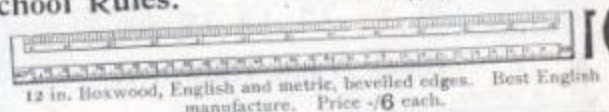
Polished.—Figs. 1 and 3, 1/- each. Fig. 2, 1/3 each.
In sets of 1 and 3, 2/- per set. In sets of 2 and 3, 2/3 per set.

No. 676½w.



Technical School Rules.

No. 677w.



Best Boxwood Modelling Tools.

No. 677½w.

In 12 different patterns.

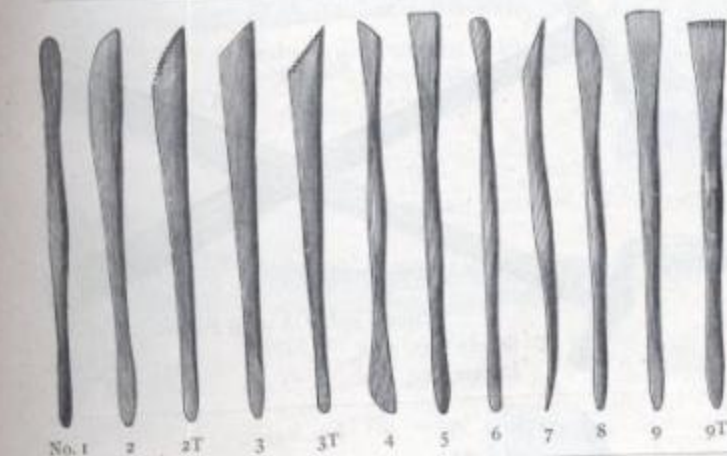
Length 6 in.	...	...	...	...	Price 3/- per doz.
" 7 "	...	...	...	...	" 3/- "
" 8 "	...	...	...	...	" 4/- "
" 10 "	...	...	...	...	" 5/- "

Modelling Materials.

No. 678w.

Grey Modelling Clay	7	14	28	112 lb. damp.
Price	...	1/-	1/7	2/7 9/-
Dry Powder	7	14	28	112 lb.
Price	...	1/6	2/6	5/- 14/-
Terra Cotta Modelling Clay	14	28	112 lb. damp.	
Price	...	2/4	3/10	13/4

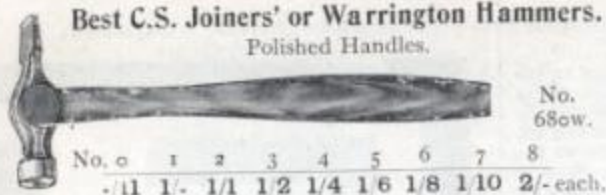
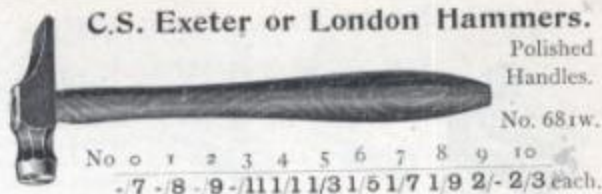
Carriage Forward.



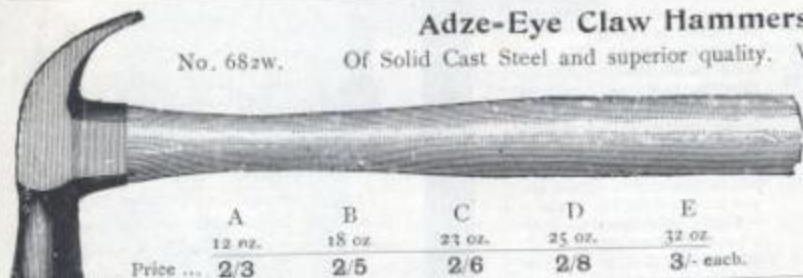
Brass Wire Modelling Tools.

6½ in. long ... Price 7/- per doz.

Bronze Medal, 1884.—Gold Medal, 1890.

Best C.S. Joiners' or Warrington Hammers.
 Polished Handles.

C.S. Exeter or London Hammers.

Adze-Eye Claw Hammers

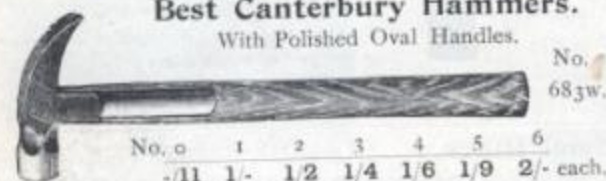
No. 682w. Of Solid Cast Steel and superior quality. Warranted.



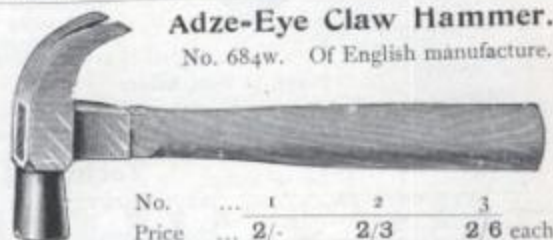
These Hammers are of improved form and finish, and have an oval eye in which the Handle is firmly wedged; this gives strength and durability to the tool, and makes it the most perfect Claw Hammer in the market.

Best Canterbury Hammers.

With Polished Oval Handles.


Adze-Eye Claw Hammer.

No. 684w. Of English manufacture.


Black Tack Hammer.

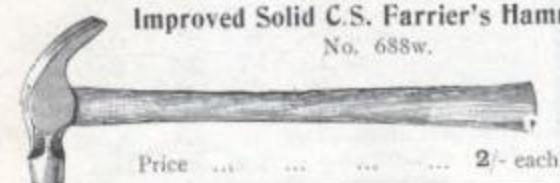
Special Light Hammers.

Best Solid Steel Heads and Polished Handles.


Black Warrington Tack Hammer.

Improved Solid C.S. Farrier's Hammer.

No. 688w.


Upholsterers' Hammers.

Wrought Coal Hammer

with Steel Points, 1 lb. each.


Tool, Machine, and Hardware Merchants and Manufacturers.

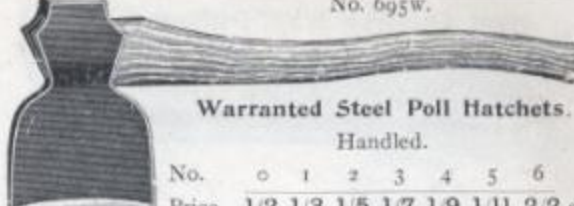
No. 694w.



Best C.S. Kent Axes.
With Hickory Handles.

No.	2	2½	3	3½	4	5 lb.
Price	2/4	2/8	3/-	3/6	4/-	4/9 ea.

No. 695w.



Warranted Steel Poll Hatchets.
Handled.

No.	0	1	2	3	4	5	6
Price	1/2	1/3	1/5	1/7	1/9	1/11	2/2 ea.

No. 696w.



American Pattern Shingling Hatchets.

No.	...	1	2	3
Price	...	2/4	2/8	3/- each.


No. 697w.



Best C.S. Shingling Hatchets.
Bright and Japanned.

No.	...	1	2	3
Price	...	2/2	2/6	2/9 each.

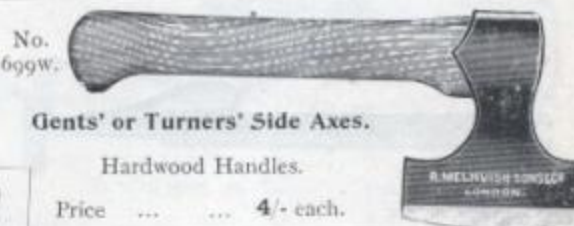
No. 698w.



Best Cast Steel Fireman's Axes.

Price	3/6 each.
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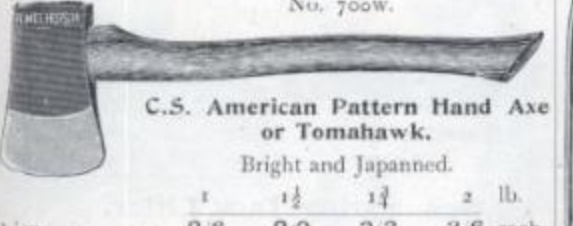
No. 699w.



Gents' or Turners' Side Axes.
Hardwood Handles.

Price	4/- each.
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No. 700w.



C.S. American Pattern Hand Axe or Tomahawk.
Bright and Japanned.

No.	1	1½	1¾	2 lb.
Price	...	2/6	2/9	3/3 3/6 each.

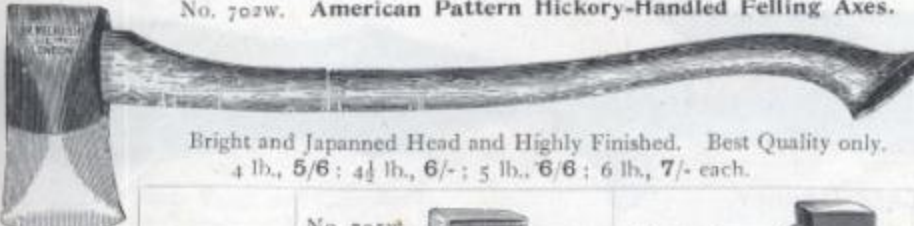
No. 701w.



The Boy Scout's Hatchet.

Price	1/6 each.
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No. 702w. American Pattern Hickory-Handled Felling Axes.



Bright and Japanned Head and Highly Finished. Best Quality only.
4 lb., 5/6; 4½ lb., 6/-; 5 lb., 6/6; 6 lb., 7/- each.

No. 703w.



Solid C.S. American Pattern Axe Head.
1½ lb. 2½ to 6 lb.

No. 704w.



Kent Axe Head.
-10 lb.
2 to 6 lb.

No. 705w.



English Timber Felling Axe Head.
1½ lb.
3 to 7 lb.

No. 706w.



Mortising Axe Head.
Self-Colour.
-10 lb.
3 to 6 lb.

No. 707w.



Coach Side Axe Head.
1½ lb.
3 to 6 lb.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Best Quality Nail Pullers.

No. 708w.



With these Tools boxes can be opened in one quarter the time and with one tenth the labour required by the old method with chisel and hammer. Nails are drawn out without breaking or bending, and box and cover remain sound.

16 19½ 28 in. long over all.
6/- 7/6 12/- each.

Cheaper quality:

16 23 in. long over all.
2/3 3/6 each.

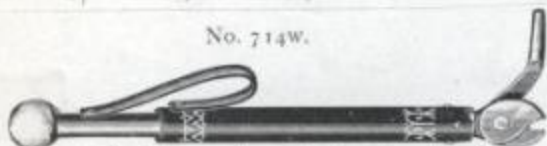
Hammer Head.

No. 711w.



16 19½ 28 in. long over all.
7/- 8/6 13/- each.

No. 714w.



Special make, one size only, length 19½ in., 6/-
Fully warranted.

Improved Steel Claw Wrench, Hammer and Chisel Combined.

No. 716w.

Price ... -/8 each.

Warranted C.S. Case Opener.

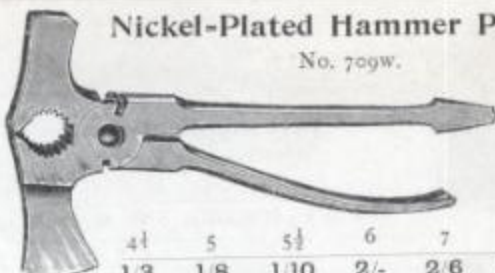
No. 718w.

Combining Cold Chisel, Hammer, and Nail Wrench. Useful about a house, farm or warehouse.

12 14 16 18 in.
Round Bar ... 1/8 1/10 2/1 2/3 ea.
Octagon Bar, special strength 2/5 2/7 3/- 3/4 "

**Nickel-Plated Hammer Pincers.**

No. 709w.



4½ 5 5½ 6 7 8 in.
1/3 1/8 1/10 2/- 2/6 3/- each.

Ice Breaker.

No. 710w.



Length of Blade, 7 inches. Price -/6

Bag Hooks.

No. 712w. With Beech Handle, 1/6 each.

No. 713w. All Iron, 6 in., 1/3 each.

No. 714w. Single Hook, Bright Steel, 1/3 each.



No. 712w.



No. 713w.

Tack Lifter.

No. 715w.



Handled in Boxwood, Square Shank, -/6 each.
No. 715½w. With Round Shank and Beech Handle, -/4 each.

New Spring Tack Lifter.

No. 717w.



Price ... -/9 each.

Cigar or Confectioners' Box Opener.

No. 719w.



Beech Handled, riveted through, 1/- each.

No. 720w.

Solid Steel Case Opener.

Bright, 17 in. long, 2/6 each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

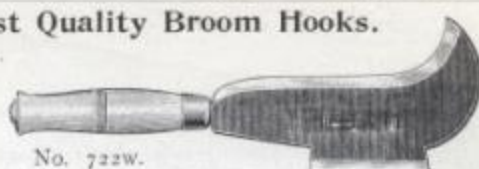
Tanged Kent Block Bill.



No. 721w.

No.	1	2	3
Price	2/-	2/2	2/3 each.

Best Quality Broom Hooks.



No. 722w.

Size	...	A	B	C
Price	...	2/6	2/9	3/- each.

No. 723w. Staffordshire Bill Hooks.



Size	...	A	B	C
Price	...	2/-	2/3	2/6 each.

No. 724w. Coopers' Nail Adzes.



No. 1,	3/3	No. 2,	3/4	No. 3,	3/6 each.
Solid do.	3/-	"	3/2	"	3/3 "

Wheeler's Adze.

No. 724½w.



No.	1	2	3
Price	3/6	4/-	4/3 each.

Shipwright's Adze.

American Pattern. Solid Steel.



No. 725w.

Bright and Japanned, 4/3 each.

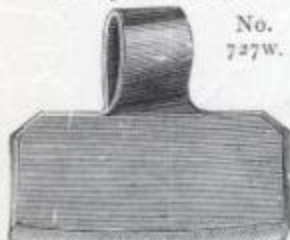
Carpenter's Adze. No. 726w.



No. 1,	2/6	No. 2,	2/9	No. 3,	3/- each.
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Cooper's Axe.

No. 727w.



9	10	11	12 in.
4/-	4/3	4/6	4/9 each.



Cooper's Shave.

No. 728w.

Warranted
2-hand
Round
Shaves.

1/9 each.

Cooper's Drivers.

No. 729w.

No. 730w.



No. 729w.
Price 1/8 each.

No. 730w.
With Wood Head
and Solid Sockets.

Price 2/3 each.



Cooper's Jigger.

No. 731w.



Bright and Blued.
Length on Edge, 2½ in.
Price 2/9 each.

Bung Borers.

No. 732w.



Cooper's Open Nosed Pattern
" Screw " "

	2	2½	3 in.
Price	4/-	4/3	5/- each.
	4/3	5/-	5/6 "

2-Foot Two-Fold Flexible Brass Rules.

No. 733w. Round Joint.

No. 733w. 8 in. wide, marked inches in 8ths and 16ths Price -/7
" 734w. With Stop Joint " " " " " " -/9



Builder's and Surveyor's Folding Laths.

With Spring Top.

No. 735w. 5 ft. long. Black and White

Figures ... Price 3/3

" 736w. Ditto, feet marked in Red " 3/9



Contractors to the Home, Indian, and Colonial Governments.

Cabinet Scraper.

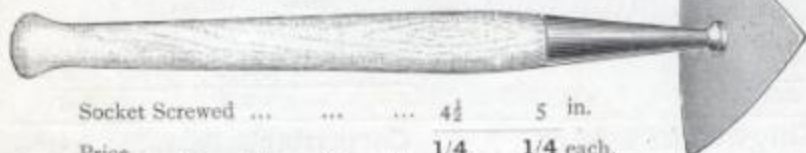
This New Model is adjustable, and has a tilting device. The Blade cannot possibly slip back while working. Stop Screws preventing this. Width of Blade 3 in. Price 3/9 complete.

No. 738W. Box Scraper Plane.

Also well adapted for Planing Floors. Handle can be held at any angle. Price, with 2 in. Cutter, 1/6 each. Extra Cutters, -/5 each.

No. 739W. Ship Scraper.

Wood Handled.



Socket Screwed ... 4 1/2 5 in.
Price ... 1/4 1/4 each.

No. 740W. Timber Scribes.

Pocket size.
With Stag Handle.
Price ... 2/9 each.

Sailors' Palms.

No. 741W. Nozzle Roping ... -/8 each.

No. 742W. Seaming Buckled -/9 "

No. 743W. With Wood Handles.

Size ... 1/2 1 1 1/2 in.
Price ... 2/- 2/6 3/- each.

**No. 744W.
Malleable
Iron
Timber
Dogs.**

Size. Price.
1 in. ... -/9 doz.
1 1/2 " ... 1/3 "
2 " ... 1/6 "
2 1/2 " ... 2/6 "

**Bright Steel Ship Caulking Tools.**

No. 745W.
Straight,
1/-
each.



No. 746W.
Single
Crease,
1/1
each.



No. 747W.
Double
Crease,
1/2
each.



No. 748W.
**Forged
Timber Dogs.**
All Steel.

Size. Price.
2 in. ... 1/6 doz.
2 1/2 " ... 2/- "
3 " ... 2/- "

For Joiners,
Cabinet Makers,
etc.

**Lignum
Vitæ
Caulking
Mallet.**

No. 749W.
Price
4/3
each.

**Ship Carpenter's
Pin Maul.**

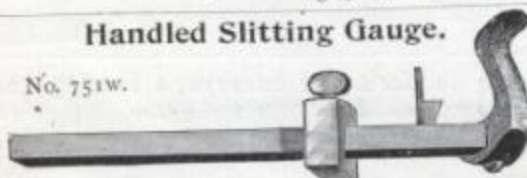
No. 750W.



Price -/7 per lb.
Average Weight 4 lb.

Handled Slitting Gauge.

No. 751W.



17 in. long, Rule Marked ... Price 2/3 each.

No. 752W. Panel Gauge.

Beechwood, Boxwood Thumbscrew,
Oval Bar, with Steel Points ... Price -/10 each.

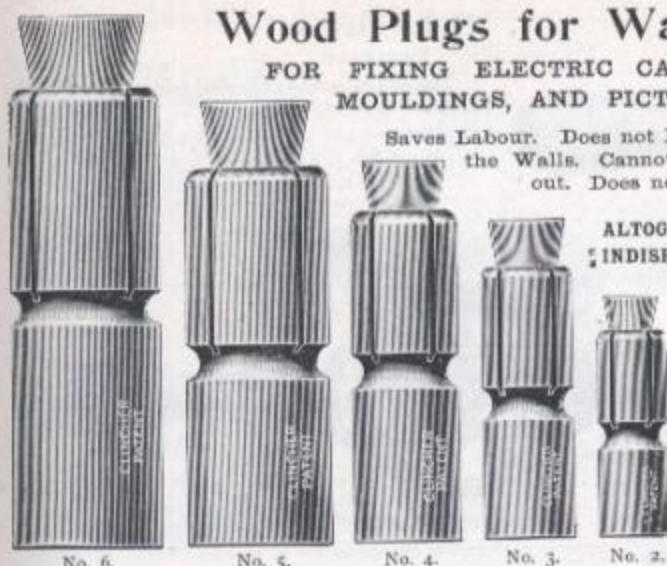
Bronze Medal, 1884.—Gold Medal, 1890.

Wood Plugs for Walls.

FOR FIXING ELECTRIC CASING,
MOULDINGS, AND PICTURES.

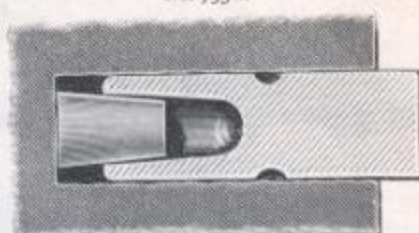
Saves Labour. Does not Damage
the Walls. Cannot Draw
out. Does not Split.

ALTOGETHER
INDISPENSABLE.

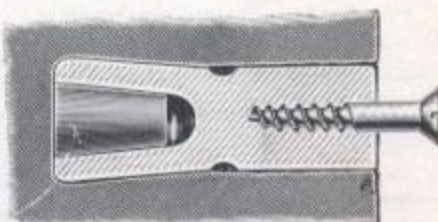


Full size illustrations of stock sizes.

No. 753w.



Sectional view of plug in hole before
being driven home.



Sectional view of plug fixed in wall.



Wall Drill.

No. 754w	2	3	4	5	6
Price	1/6	1/8	2/-	2/4	2/9 each.

Wall Plugs.

No. 755w	2	3	4	5	6
Price	3/-	3/3	3/9	4/-	4/6 per 100.

Star Section Solid Steel Wall Drills.

No. 756w.

Length	12	16	20	24 in.
in diam.	7/8	10/16	1 1/8	1 3/8 each.
"	1 1/8	1 1/4	1 3/8	1 5/8 "
"	1 1/2	1 3/4	1 5/8	1 7/8 "

Solid Steel Wall Bits with Clearance Hole.

No. 757w.

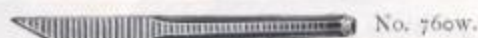
Diameter	1/2	3/4	1	1 1/4 in.
Length about 8 in.	7/8	1 1/8	1 3/8	1 5/8 each.
" 12 "	1 1/8	1 1/4	1 3/4	1 7/8 "
" 16 "	1 1/4	1 3/4	1 7/8	2 1/8 "

Octagon Steel Chisels.

No. 758w.

Length	12	18	24 in.
in diam.	7/8	10/16	1 1/8 each.
"	1 1/8	1 1/4	1 3/8 "

Cast Steel Plugging Chisels.



No. 760w.

Price ... 1/6 each.

Geologists' Hammers.

No. 759w. Straight Pane.

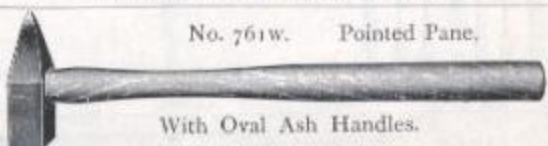


With Oval Ash Handles.

4	8	12	16	20 oz.
1/-	1/1	1/3	1/8	2/2 each.

If with Cross Pane, same Prices.

No. 761w. Pointed Pane.



With Oval Ash Handles.

4	8	12	16	20 oz.
1/-	1/1	1/3	1/8	2/2 each.

In ordering, our Customers are requested to give the number of the
Article and the Page, and not to cut the Catalogue; Loose Sheets will
be sent if desired.—R. MELHUISH, Ltd.

Tool, Machine, and Hardware Merchants and Manufacturers.



Hand Drills.

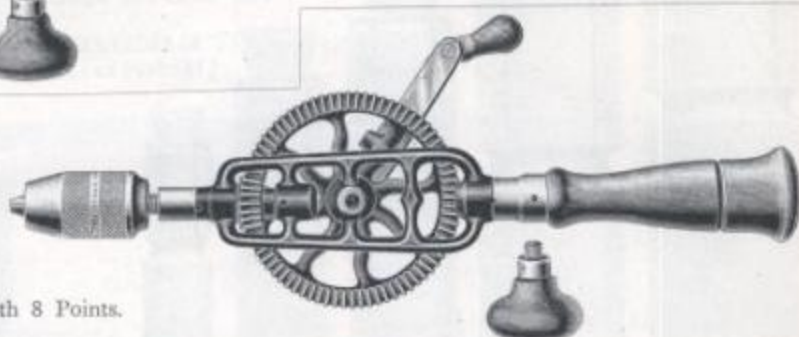
No. 762w.

These Drills are provided with 3 Jaw Chucks and will hold drills up to $\frac{3}{8}$ in. A side handle as shown in cut is furnished with this pattern.

Price 5/-. Complete with 8 Drill Points.
Drill Points, 1/6 per doz.

No. 763w.

This is similar in finish as above. It has cut Gears and an Adjustable Friction Roller to prevent Gears from straining.

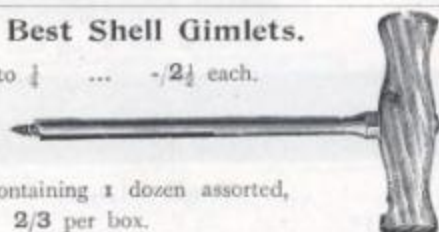


Price ... 10/-. Complete with 8 Points.

No. 764w. Best Shell Gimlets.

From $\frac{1}{8}$ to $\frac{1}{4}$... -/2½ each.

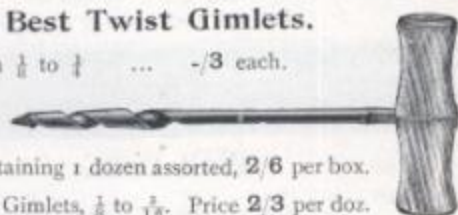
In Boxes containing 1 dozen assorted,
2/3 per box.



No. 765w. Best Twist Gimlets.

From $\frac{1}{8}$ to $\frac{1}{4}$... -/3 each.

In Boxes containing 1 dozen assorted, 2/6 per box.
Iron Handle Gimlets, $\frac{1}{8}$ to $\frac{1}{4}$. Price 2/3 per doz.



No. 766w Best Swiss Gimlets.

From $\frac{1}{8}$ to $\frac{1}{4}$... -/3 -/3½ -/4 each.

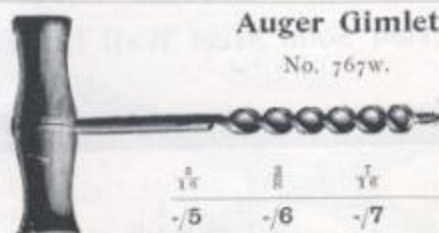
In Sets of 1 dozen assorted sizes,
3/3 per set.



Auger Gimlets.

No. 767w.

$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$ in.
-/5	-/6	-/7	-/8 each.



Gimlet Set.

No. 768w.



2/3 per Set.

Brewer's Gimlet.

No. 769w.



Shell or Twist, -/6 each.

Set of 12 Swiss Bits.

No. 770w.

In Patent Adjustable Polished Boxwood Handle.

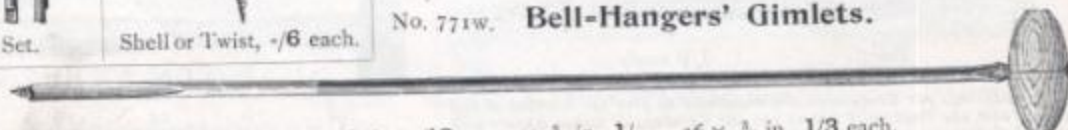


The Bits may be used either as Gimlets or in Brace.

Price ... 3/3 per Set.



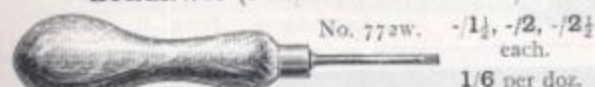
No. 771w. Bell-Hangers' Gimlets.



12 x $\frac{1}{8}$ in., -/7. 18 x $\frac{1}{4}$ in., -/8. 24 x $\frac{5}{16}$ in., -/10. 30 x $\frac{3}{8}$ in., 1/-. 36 x $\frac{1}{2}$ in., 1/3 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Bradawls (Beech or Ash Handled).



No. 772w. $-\frac{1}{2}$, $-\frac{2}{2}$, $-\frac{2}{2}$ each.
1/6 per doz.

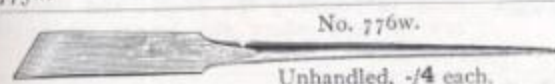
Box Handled Bradawls, $-\frac{2}{2}$, $-\frac{2}{2}$, $-\frac{3}{3}$ each. 2/- per doz.
Best Bradawl Blades -/8 "
Long Pattern Makers' Awls 1/6 "

Patent Capped.

Will not pull out. No. 774w.
Price $-\frac{2}{2}$ $-\frac{2}{2}$ $-\frac{3}{3}$ each. 2/- per doz.

Marking Knives. Handled.

No. 775w. $-\frac{6}{6}$ each.



No. 776w.
Unhandled, $-\frac{4}{4}$ each.

Improved Set, 12 Bradawls.

No. 773w.

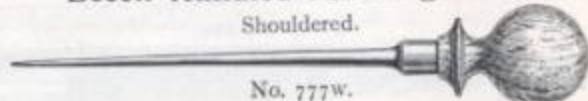


The engraving shows a New Combination Bradawl, containing 12 different sizes of Awls. Each Bradawl has a solid iron shank which fits into the iron heading, the end of the shank appearing through the hole, as shown.

With Set Screw, 1/3. Without Set Screw, 1/-.

Beech Handled Marking Awls.

Shouldered.



No. 777w.

Price $-\frac{3}{3}$ each. 2/9 per doz.
Printers' Bodkins, price $-\frac{2}{2}$ each.

Pocket Scriber.

No. 778w.

Made from the best quality Steel and Nickel-plated.

The Scriber is well tempered, and held by a knurled chuck; it is reversible, telescoping into the stock, and is held by a slight turn of the chuck. It is as safe to carry in the pocket as a penknife. Price $-\frac{9}{9}$ each.

Saddlers' Hollow Punches.

Improved Weldless Hollow Steel.

No. 779w.

Nos.	...	1 to 6	7	8	9	10	11	12	13	14	16
Size	...	$\frac{1}{16}$ to $\frac{3}{16}$	$\frac{3}{16}$	$\frac{4}{16}$	$\frac{5}{16}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{1}$	$\frac{1}{1}$
Prices	...	$-\frac{4}{4}$	$-\frac{4}{4}$	$-\frac{5}{5}$	$-\frac{5}{5}$	$-\frac{6}{6}$	$-\frac{8}{8}$	$-\frac{9}{9}$	$-\frac{10}{10}$	$-\frac{11}{11}$	1/3



Pinking Irons.

No. 780w.



Size	...	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{1}{2}$ in.
V-shaped	...	$-\frac{8}{8}$	$-\frac{9}{9}$	$-\frac{10}{10}$	$-\frac{11}{11}$	1/-	1/1	1/2	1/6 each.
Half Round	...	$-\frac{9}{9}$	$-\frac{10}{10}$	$-\frac{11}{11}$	1/-	1/1	1/2	1/4	2/- "

Lead Blocks for Cutting on, 23.

Universal Punch.

No. 781w.

These Punches are for punching holes in soft metals, cardboard, rubber, cloth, etc.

Length 7 in. Price 3/6 each.

Sizes supplied: $\frac{1}{16}$, $\frac{3}{16}$, $\frac{1}{4}$ in.

No. 781 $\frac{1}{2}$ w. For Sheet Metal.

Length 11 $\frac{1}{2}$ in. Price 12/6 each.

Sizes supplied: $\frac{1}{16}$, $\frac{1}{8}$, $\frac{3}{16}$ in.



A large and varied Stock of Engineers' Tools and Motor Accessories.

No. 782w.



Corrugated Iron Punch.

Length 7 in. Price -/8

Cast Steel Motor Punch.

Length 7 in. Price -/8



No. 783w.



No. 784w.

Cast Steel Cooper's Punch.

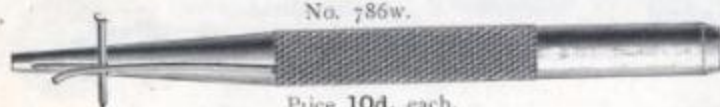
Size 8 x 1 x 1/4 in. point. Price 1/3

Cast Steel Wall Drill.

Length 10 in. Diameter 5/8 in. Price 1/-



No. 785w.



No. 786w.

Price 10d. each.

Patent Nail Holder and Set.

This device is intended to avoid the possibility of pounding the fingers, and the nail can be held where the fingers could not place it.

Wad Punches.

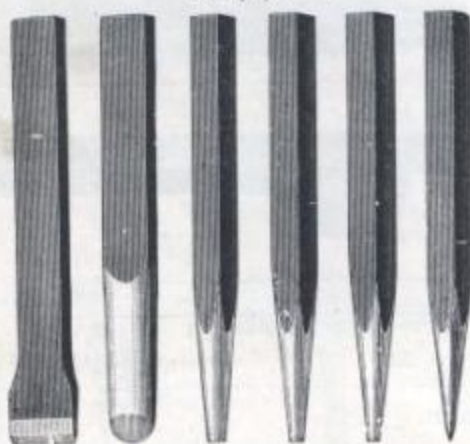
No. 787w.



Up to 1/4 3/8 1 1 1/4 1 1/2 1 3/4 1 1/2 1 3/4 2 in.
Price -/10 1/10 2/5 3/- 4/- 4/10 6/- 8/7 11/8 each.

Set of Six Solid Punches.

No. 789w.



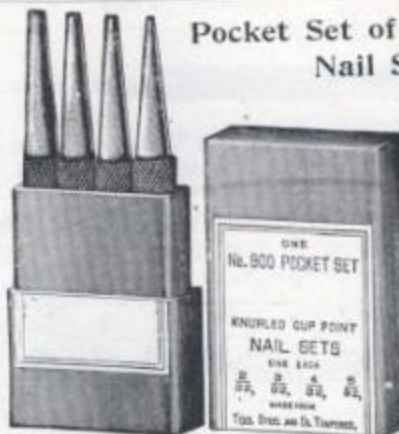
Price 1/6 per set.

Round or Square Nail Punches.

Nos. 1 2 3 4 5 6
Nos. 1 to 3, -/2 each. Nos. 4 to 6, -/4 each.
No. 791w. Hand Rail Punches ... -/5 each.

Pocket Set of High-Grade Nail Sets.

No. 788w.



Consisting of one each of 3/8, 1/2, 5/8, and 3/4, put up in a convenient pocket case, as illustrated.

Price 1/3 per set.

Single Punches, price 4d. each.

Special Quality Nail Sets.

No. 790w.

Made of a fine grade of steel with knurled centres, hardened ends, oval tops, and concave tips.

Length 4 in.

Diameters at tips 1/8, 3/16, 1/4, and 5/16 in. ... Price 3 1/2d. each.

Extra Strong Set of 12 Punches.

In Wooden Box, Assorted.

Prices No. 792w.

1/8 - 5/8 in. ... 4/6 per set.
1/4 - 3/8 in. ... 4/9 " "

Length 5 in.



Contractors to the Home, Indian, and Colonial Governments.

Rd. MELHUISE, Ltd., Fetter Lane, Holborn Circus, London, E.C. 103

Sail Needles. No. 793W.

Cast Steel Forged.

Length ...	2½	2¾	3	3½	4 in.
Price ...	-/5	-/6	-/7	-/9	1/- doz.

Not less than ½ dozen of any size supplied.

Superfine Packing Needles.

No.
794W.

Length ...	3	4	5	6	7	8 in.
Price ...	-/3	-/4	-/5	-/7	1/-	1/3 doz.

Not less than ½ dozen of the first four sizes supplied.

Egg-Eyed Upholsterers' and Mattress Needles.

No.
795W.

UPHOLSTERERS' NEEDLE

No.
796W.

MATTRESS NEEDLE

Length ...	5	6	7	8	9	10	11	12	13	14 in.
Price ...	-/8	-/8	-/9	-/10½	1/-	1/2	1/3	1/6	1/8	1/9 doz.
" ...	-/1	-/1	-/1	-/1	-/1½	-/1½	-/1½	-/2	-/2	-/2 each.

Curved Upholsterers'. 2 Points. No. 797W.

Length ...	3	4	5	6	7	8 in.
Price ...	1/-	1/3	1/6	1/8	2/-	2/3 doz.
" ...	-/1½	-/1½	-/2	-/2	-/2½	-/3 each.

Carpet Stretcher. No. 798W.



Bent Pattern, Polished.

Price ... 2/- each.

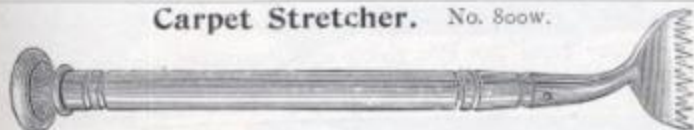
Upholsterers' Pincers. No. 799W



Length 7 in.

Price ... 2/6 each.

Carpet Stretcher. No. 800W.



Straight Pattern, Polished.
Price 1/6 each.

Black.
Price 1/2 each.

Linoleum Knife. No. 801W.



Price ... -/7 each.

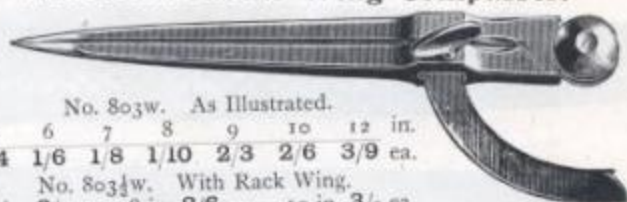
English-Made Tower Pincers. No. 802W.



Size ... 5 6 7 8 in.

Price ... -/7 -/8 -/9 1/2 per pair.

Lancashire Make Wing Compasses.



No. 803W. As Illustrated.

5 6 7 8 9 10 12 in.
1/4 1/6 1/8 1/10 2/3 2/6 3/9 ea.

No. 803½W. With Rack Wing.
6 in. 2/- 8 in. 2/6 10 in. 3/- ea.

Lancashire Pincers.

No. 804W.

Size ... 5 6 7 8 9 in.

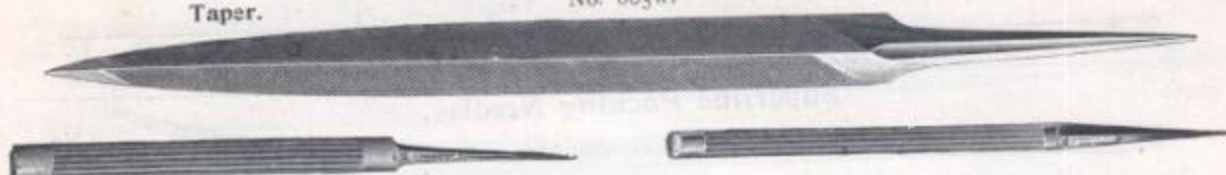
Price ... 1/3 1/6 1/9 2/- 2/6 each.

Bronze Medal, 1884.—Gold Medal, 1890.

Saw Files.

No. 805w.

Taper.



No. 806w. Frame.

No. 807w. Gulleting.

Length ...	2½	3	3½	4	4½	5	6	7	8	9	10 in.
Best C.S. Taper, Single Cut ...	2/3	2/3	2/3	2/9	2/9	3/3	4/3	5/6	6/6	8/6	11/- per doz.
" Stubbs Lancashire Double Cut ...	2/3	2/3	2/3	2/9	2/9	3/3	4/3	5/6	6/6	8/6	11/- per doz.
" Half-Round Frame Saw Files ...	—	—	—	—	—	—	—	—	—	—	—
" Round Gulleting Saw Files ...	—	—	—	—	—	—	—	—	—	—	—

Mill Saw Files. Best Cast Steel.

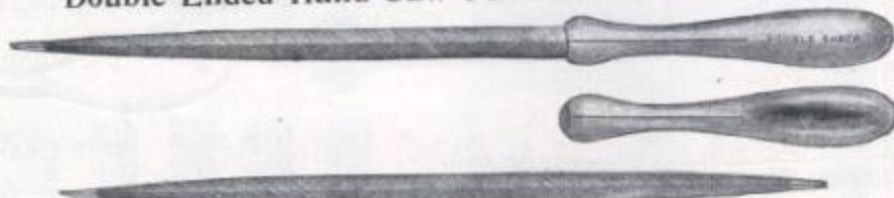
No. 808w.



Second Cut Single, 2 Round Edges ...	8	9	10 in.
	7/-	8/-	9/- per doz.

Double Ended Hand Saw File and Patent Handle.

No. 809w.



These are designed as an improvement upon the ordinary Taper Saw File, giving a greater cutting surface, a longer stroke, and a special handle adapted to fit at either end of the File with a firm grasp.

Size ...	7	8	9	10 in.
Price, with Special Split Handle ...	5/6	5/6	5/6	5/6 each.
	4/6	5/-	5/3	5/6 per doz.

Half-Round and Cabinet Rasps.

No. 810w.



No. 811w.

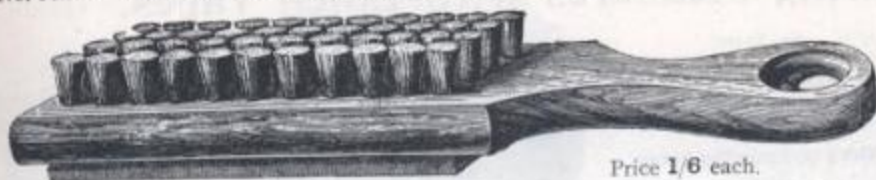


Size ...	4	5	6	8	9	10	12	14 in.
No. 810w.—Half-round Wood Rasps ...	3/4	3/4	4/4	5/4	6/4	7/4	11/4	12/4 each.
No. 811w.—Cabinet ...	4/4	4/4	5/4	7/4	8/4	9/4	11/4	12/4
File Handles, 9/- per doz.								

Tool, Machine and Hardware Merchants and Manufacturers.

Rd. MELHUISH, Ltd., Fetter Lane, Holborn Circus, London, E.C. 105

No. 812w. **Combined File Brush and Cording Wire at Back.**



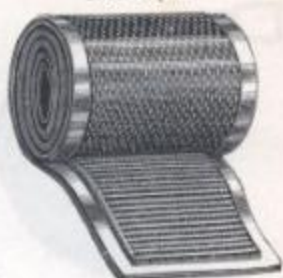
Price 1/6 each.

No. 813w. **File Card.**



Price -/9 each.

File Card in Rolls.
No. 814w.



In lengths of about 3 ft. by
2 in. wide.
Canvas Back, 1/6 per length.
Leather Back, 2/3 per length.

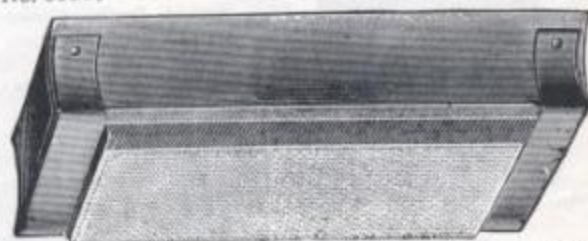
No. 815w. **File Cleaners or Wire Brushes.**



2 in. wide. -/3 each; 2/9 per doz.

No. 816w.

File Card.



Mounted on Wood Block. Very Effective. Size 5 x 2 1/4 in.
Price -/10 each. (Cheaper pattern, 3 1/2 x 2 1/4 in., -/5 each.)

There are two ways of meeting Competition:—One is to
Cheapen Quality and cut prices; the other is to make and
supply Articles of Better Quality than those obtainable else-
where. The latter is our method, and Superior Quality is THE
argument for MELHUISH'S TOOLS. It will be to your advan-
tage to pay for Quality.



No. 817w. -/4 ea.



No. 818w. -/5 ea.



No. 819w. -/6 ea.

Compressed Joiners' Rubbers.

Each of the three shapes measures
4 1/2 in. x 2 1/2 in. x 1 1/2 in. deep.

No. 820w.
**Triangular
Holder.**



With Clips for Glass Paper or Emery Cloth. Price -/8 each.

No. 821w.

Best Cast Steel Reaper Files.
Price 6/6 per doz.



No. 822w.

New Chrome Steel Double-End Taper Saw Files.
Of extreme Hardness and Durability. Full Weight and Sand-Blast Sharpened.



One of these 8-in. Double-End Files is the Equivalent of two 4-in. ordinary Taper Files.
Prices: 7 in., -/5 8 in., -/5 1/2 9 in., -/6 10 in., -/6 1/2 each, with Handle.

Special Slit Handles to suit these Files, larger than are usually supplied, to give better grip, assorted sizes, -/10 per doz.
FOR OTHER FILES, SEE PAGE 104.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Pocket Spring Measures with Linen Tapes. No. 824w.



No. 823w.

With Round Edge, Nickel-plated
Cases, Spring Wind, Centre
Stop.


With $\frac{1}{4}$ in. Enamelled Linen
Tapes.

Length.	Price.
36 in., marked in. and 8ths	9 ca.
60 " " " " "	1/2 "
72 " " " " "	1/3 "



No. 824W.

With Spring Stop and fitted with best
Linen Tape marked Inches one side and
Metric the other.



	$\frac{1}{4}$ in. wide.			$\frac{1}{8}$ in. wide.		
	3	4	5	6	9	12 18 ft.
Brass Case, Spring Stop...	1/8	1/10	2/-	2/2	3/-	3/6 6/- ca.
German Silver Case, Spring Stop ...	2/2	2/4	2/8	3/-	4/-	5/- 7/6 "

Wind-up Measure.

No. 825W.

With $\frac{3}{8}$ in. Patent Metallic **Linen**
Tape, marked English Measure
one side and Metric the other.

In Leather Case with Brass
Folding Handle.

	—	10	—	15	20	—	25	30 metres.
	25	33	40	50	66	75	—	100 feet.
Price	3/3	3/9	4/3	5/-	6/-	6/9	7/6	8/6 each.



No. 826w.

With $\frac{3}{8}$ in. Best Woven **Linen**
Tape, with Metallic Warp,
marked Feet and 12ths, Links
on back.

In Hard Leather Case, Brass
Folding Handle, and Brass
Mounts.

Length 25 feet, Price	4/-	each
" 33 " "	4/3	"
" 50 " "	5/6	"
" 75 " "	7/6	"

Wind-up Measures.

No. 827W.

No. 827W.
With $\frac{1}{4}$ in. Patent Metallic **Linen** Tapes, marked English Measure
one side and Metric the other.

	In Leather Cases.				30 metres.
Length ...	—	10	15	—	100 feet.
" ...	25	33	50	75	
Price ...	4/6	5/3	6/6	8/3	10/6 each.



No. 827w.
With Folding Handle.

No. 528w.

With Flush Handle.



No. 828w.

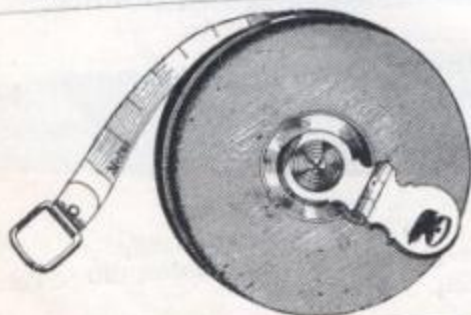
With Flush Handle.

Price	5/-	5/9	7/-	9/-	11/6 each.
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No. 829w.

No. 829w.
In Leather Case, with Flush Handle, **Linen Tape** $\frac{3}{4}$ in. wide, marked on **one side only.**

In Leather Case, with Flush Handle, Linen Tape $\frac{3}{8}$ in. wide, marked on one side only .						— metres.
Length						10
"						15
"						25
"						33
"						40
"						50
"						75 feet.
"						5/6
"						6/9 each.
Price	...	...	...	...	...	3/9
						4/3
						4/9
						5/6
						6/9 each.



Wind-up Measuring Tapes.

No. 830W.

With $\frac{1}{2}$ in. Metallic **Linen** Tape, in Strong Case with Flush Brass Handle.

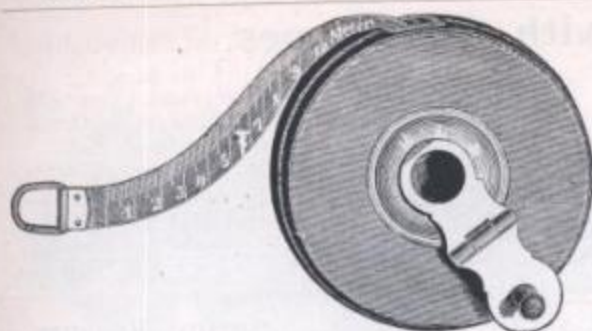
In English and Metric.

One side Inches in Stds, and other side Centimetres. The first Centimetre marked in Millimetres.

	Length	25	33	66	100 feet.
Price		3/6	3/9	5/6	8/- each.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Wind-Up Measures.



No. 831W. With $\frac{1}{2}$ in. Steel Tapes.

In Leather Case with Brass Mountings. In English and Metric.

One side Inches in 8ths, and other side Centimetres, the first Centimetre in Millimetres.

25	33	50	66	100 ft.
8/6	9/-	12/-	13/6	21/- each.

Wind-up Measures with Steel Tapes.

In Leather Cases with Folding Handles.

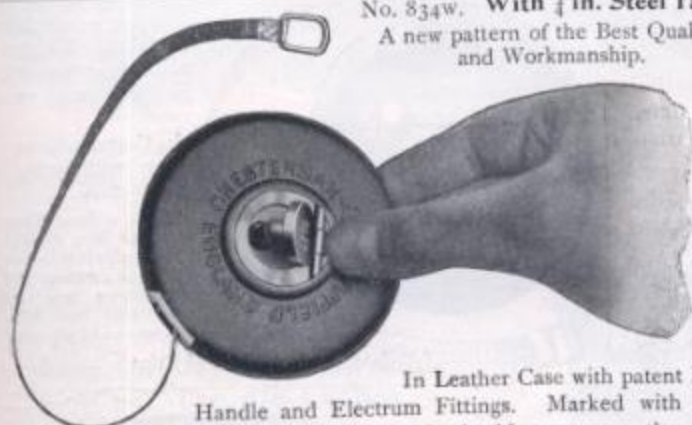
	25	33	50	66	75	100 ft.
1 No. 832W, with $\frac{3}{8}$ in. Tape marked One Side only with Feet, Inches, and 8ths ...	10/-	11/6	15/-	19/-	21/-	— each.
— No. 832½W, marked as above, and with Links, etc., on other side ...	11/-	13/-	17/6	22/-	25/-	31/- „
No. 833W, with $\frac{1}{2}$ in. Tape marked One Side only with Feet, Inches, and 8ths ...	11/6	13/6	19/-	25/-	26/-	34/6 „

Either of the above can be supplied to order with Metric instead of English Measure at same prices.



No. 834W. With $\frac{1}{2}$ in. Steel Tape.

A new pattern of the Best Quality and Workmanship.



In Leather Case with patent Flush Handle and Electrum Fittings. Marked with Feet, Inches, and 16ths on one side and Metric Measure on other.

	25	33	40	50	66	100 metres.
Price ...	10/6	12/6	14/-	17/-	22/-	each.

The particular advantages of this over other patterns are:

- (1) Its lightness, the 50 ft. weighs only 6½ oz. (2) Its compactness, the 50 ft. is only 2½ in. diam., and can easily be carried in the vest pocket.

No. 835W. With $\frac{3}{8}$ in. Steel Tape. Marked One Side only with Feet, Inches, 8ths.



In Hard Leather Case with Flush Handle and Nickel-plated Mounts.

Tape	25	50	75	100 ft.
Case	2½	3½	4½	4½ in. diam.
Price	9/-	10/3	13/6	17/6 each.

Land Chains and Arrows.

The 2 and 4 pole Chains are divided into Links and tallied at every 10 Links. 50 and 100 ft. ... 10 ft.

No. 836W. Of S G. Best Iron Wire with 2 Oval Rings, Brass Swivel Handles and Tallies. 2 poles, 4/6 ... 4 poles, 6/9 ... 50 ft., 5/- ... 100 ft., 7/6 each.

Set of Ten 8 G. Steel Arrows 15 in. long ... 1/4

No. 837W. Of 10 G. Best Cast Steel Wire, Hardened, Tempered, and Black Enamelled, with 3 Oval Rings, Brass Swivel Handles and Tallies. 2 poles, 7/6 ... 4 poles, 13/9 ... 50 ft., 8/9 ... 100 ft., 16/6 each.

Set of Ten 10 G. Steel Arrows 15 in. long ... 1/2

No. 838W. Divided into fifth of Metres and tallied at every 2 Metres. Made of Hardened Steel Wire

	10	20	25	metres.
12 W. G. ...	6/6	12/-	15/-	each.



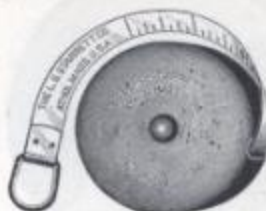
Contractors to the Home, Indian, and Colonial Governments.

Spring Measures with Steel Tapes.



No. 839w.

Nickel-plated Cases,
with Centre Stop.
 $\frac{1}{4}$ in. Tape, marked ins.
and $\frac{1}{16}$ in.
Length 36 inches, price 1/6
" 60 " " 1/9
" 72 " " 2/6
" 96 " " 2/9
If marked ENGLISH and
METRIC, -/3 each extra.



No. 840w.
Nickel-plated Cases, with
rounded edges and Centre
Stop.
 $\frac{1}{4}$ in. Tape, marked inches
and $\frac{1}{16}$ in. one side and
millimetres on the other.
36 60 72 96 in.
1/9 2/3 2/9 3/9 each.

Spring Measures with Steel Tapes and Spring Stops.



No. 841w.

$\frac{1}{4}$ in. Tape.
English and Metric Markings.
Brass Case ... 2/6 3/6 3/6 4/- each.
German Silver
Case ... 3/- 3/6 4/- 4/6 "

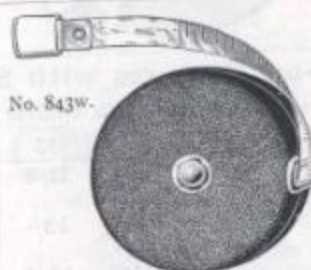
No. 841w. Brass Case ...
No. 842w. German Silver Case ...

$\frac{5}{16}$ in. Tape.
9 12 18 ft.
5/3 6/- 8/6 each.
6/- 7/6 10/6 "



No. 844w.

With Flush Handle.
Hard Leather Case.
Nickel-plated trim-
mings.
Width of Tape, $\frac{1}{4}$ in.
Marked in. and $\frac{1}{16}$ in.
Length 25 feet, price 8/9
" 33 " " 9/6
" 50 " " 12/6
" 75 " " 14/-
" 100 " " 18/-



No. 843w.

Spring Measure.
With $\frac{1}{4}$ in. Steel Tape, 60 in.
long and Centre Stop.
In very best quality Leather
Case, Metal Lined and
Silver-plated Mounts.
Marked inches one side and
millimetres on other.
Price ... 4/3

Patent Spring Measure.



No. 845w.

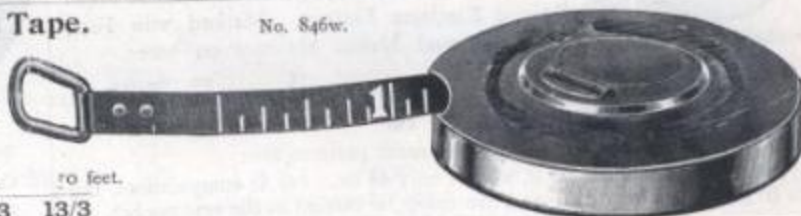
For converting
Metrical Weights
and Measures into
English and *vice*
versa.
In German Silver
Case with Spring
Stop.
This is a Steel Tape
2 metres long, divided
on one side into inches
and $\frac{1}{16}$ in., metres and
millimetres, and on
other side into kilo-
grammes and pounds.
Price ... 5/-

Special Quality Steel Tape.

$\frac{1}{4}$ in. wide. N.P. Case.
Marked feet and inches in $\frac{1}{16}$ ths one side,
metres the other.

Length	12	18	25	33	50 feet.
Price	6/-	7/6	9/6	11/3	13/3

No. 846w.



Steel Tapes.

For ascertaining the Diameter and Circumference of circular objects, viz. the Diameter when the Circumference only can be measured, and the Circumference when only the Diameter can be measured.

No. 847w.

As a Spring Pocket Measure, in German Silver Case,
with Spring Stop.

6 ft.	9 ft.	12 ft.	18 ft.
4/6	6/-	7/3	10/- each.
(The 6 ft. is made $\frac{1}{4}$ in. wide, other lengths $\frac{5}{16}$ in. wide.)			

No. 848w.

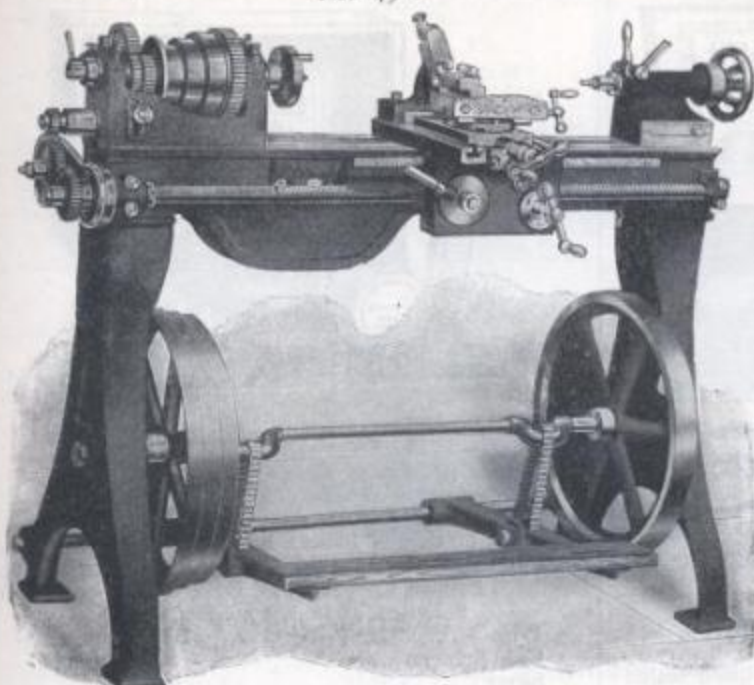
As a Wind-up Measure, in Leather Case,
with Flush Handle.

25 ft.	33 ft.	40 ft.	50 ft.
12/9	15/-	17/6	21/- each.
(Tape $\frac{1}{4}$ in. wide.)			

Bronze Medal, 1884.—Gold Medal, 1890.

4½-in. Centre Strong Double-geared Self-acting Sliding and Screw-cutting Treadle Lathe.

No. 849w.



This Lathe is strongly built, accurately fitted, well finished, and has been designed to meet the requirements of General Engineers, Repair Shops for Motors, Motor Cars, etc., and can be supplied either as a treadle or power lathe.

Bed.—The Bed is of ample proportion, as this is an essential feature for rigidity and turning out accurate work, and the top is surfaced all over to a standard surface plate.

Headstock.—The Headstock is of strong design, fitted with steel spindle of large diameter, with ½ in. hole bored through for bar work, the spindle runs in parallel gun-metal bearings of good length, fitted with 3-speed cone of large diameters and ample width of belt, all gearing and reversing wheels cut from the solid, the reversing wheels are arranged inside of headstock and can be reversed for cutting right- or left-hand threads whilst the lathe is running.

Loose Headstock is of the set over type for taper work, having spindle of large diameter to support the cut.

Saddle is of strong design with good bearing surface on bed provided with planed T slots for bolting work to for boring purposes, and fitted with strong compound rest indexed for taper work.

Each Lathe is complete with 22 cut-change wheels, face and catch plates, following steady, index plate, spanners, etc.

Price as illustrated, £25 0 0

Extra if fitted with shaft in front for sliding and surfacing	£2 10 0
“ if with overhead motion, as well as treadle motion	2 0 0
“ if supplied with 127-change wheel for cutting metric threads	0 10 0
“ per foot longer bed	1 7 6
“ per 6 in. longer bed	0 13 9
If supplied as a power lathe without treadle, deduct	0 10 0

Dimension of Bed.			Gap.		Swing over Saddle.	Admits between Centres	Cone.			Gear Wheels.			Loading Screw.		Approximate Weight.
Length.	Width.	Depth.	Width.	Depth.			Speeds.	Diameter.	Width.	Diameter.	Pitch.	Width.	Diameter.	Pitch.	
ft.	in.	in.	in.	in.	in.	in.		in.	in.	in.	in.	in.	in.	in.	
4	6½	5	6	4½	6	24	3	6	1½	6½	10	1	1½	½	6 cwt.

For our most complete Catalogue of Engineering and Motor Tools, see No. 20.

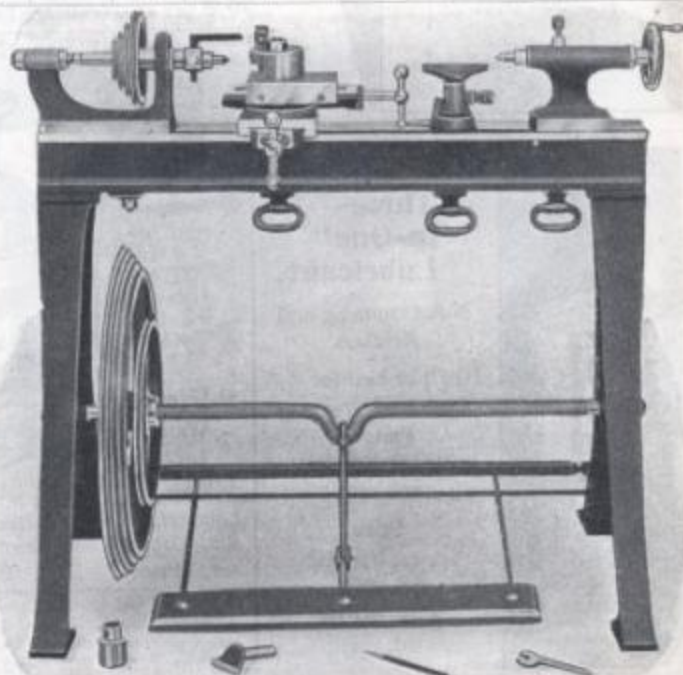
Best Quality London-made Plain Treadle Lathes.

No. 850w.

With V and Flat or Double Flat Bed, Spanner, Driver, Fork, and Drill Chucks, Gut Band, Hook and Eye, fitted complete.

Centre.	Bed.	Price.	Slide Rest.	Extra Foot of Bed.
3 in.	2 ft. 6 in.	£6 : 17 : 6	£3 : 5 : 0	12/6
3½ "	3 ft.	8 : 2 : 6	4 : 7 : 0	13/6
4 "	3 "	8 : 12 : 6	4 : 10 : 0	14/6
4½ "	3 "	9 : 1 : 6	4 : 14 : 0	15/6
5 "	3 ft. 6 in.	10 : 0 : 0	4 : 16 : 6	16/6
6 "	4 ft.	11 : 17 : 6	5 : 15 : 0	17/6

All Carriage Forward.



Tool, Machine, and Hardware Merchants and Manufacturers.

The "Champion" Enamel Outfit. No. 851w. Complete Requisites for Enamelling.



Containing seven canisters of Enamel of various colours, one bottle of Varnish, and one bottle of Spirit for cleaning Brush.

Price ... 3/6 per set.



No. 853w.

Vaseline Red

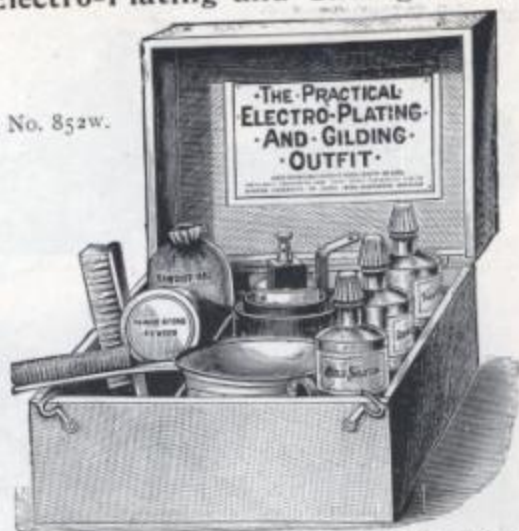
in hermetically sealed square tins.

5	10	25	50 lb.
3/-	5/6	12/-	19/6 per tin.

In half-barrels containing about 1½ cwt., 39/6 per cwt. (carriage forward).

The "Practical" Electro-Plating and Gilding Outfit.

No. 852w.



Consisting of Bunsen Battery, Enamelled Depositing Cup, Scratch Brush, Washing-out Brush, Boxwood Sawdust, Powdered Pumice, Copper Wires, Gold, Silver, and Copper Solutions, all in neat polished case.

Price ...	25/- complete.
Gold Solution ...	5/- per bottle.
Silver ...	3/6 "
Copper ...	1/9 "

Vaseline Anti-Corrosive Paste.

The best Rust Preventative. No. 854w.
In 3 oz. ½ lb. 1 lb. tins.
4d. 7d. 1/- per tin.



No. 855w.

"Three-in-One" Lubricant.

Non-Gumming and Acidless.

The best for
Cleaning Working
Parts of
Model Engines,
etc., etc.

Price.
1 oz. bottles,
5d. each.
3 oz. bottles,
9d. each.



No. 856w.

"Pioneer" Watch Oil.

Large size.
Price ... 9d.

Lacquer, in White, Black, Blue, Red, Green, Transparent, or Gold.
Price ... 8d.

A perfect Oil for Oilstones, Razor Hones and Strops, Clippers, Guns, Clocks, Typewriters, and all articles requiring an extra fine lubricant.
Price ... 5d. 2 oz., 10d. 6 oz. bottles.



No. 857w.

"Standard"



No. 858w.

"Stonol." Non-gumming and Acidless.



No. 859w.

"Pioneer"

Clock Oil. Yellow Label,
Conical Screw Cap.
Price, 6d. per bottle.

Orders of 20/- and upwards, Carriage Paid (with few exceptions).

Bench Oil Cans.

No. 860w.

With
Tin
Bottom,
-/3
each.



Patent
Non-
leak,
-/6
each.

With

Brass

Bottom,

-/4

each.

Copperised

Improved

No. 861w.

Diam. at

Base, each.

2 1/2 in. ... 1/-

3 1/2 in. ... 1/3



Steel Oilers.

Spring Bottoms.

Diam. at

Base, each.

3 1/2 in. ... 1/7

4 1/2 in. ... 2/3

Bench Oil Cans.

No. 862w.

With Brass Bottom and Extra Wide
Mouth.



-/6 and

-/8 each.

Best Quality Spring Oil Feeders. Screw Tops. Strong Chains.



No. 863w.

Capacity.

1/2 pint ...

1 pint ...

2 pints ...

4 pints ...

1 gallon ...

2 gallons ...

Tin Spouts.

1/4 each.

1/9 "

2/1 "

2/3 "

2/8 "

Made entirely of Strong Brass or Copper, for use with Electrical Machinery :

Price ... 1/2 pint, 3/9 ; 1 pint, 4/6 ; 2 pints, 5/6 ; 1 gallon, 6/- ; 2 gallons, 7/- each.

Improved Seamless Steel Oil Cans.

The body is formed out of one steel sheet, impossible to leak. Valves are solid-headed steel, turned to fit seats which are made of brass ; steel springs are fitted on valves without solder, so that they cannot get out of order. This is the best value in the world.

No. 865w.



No. 864w.

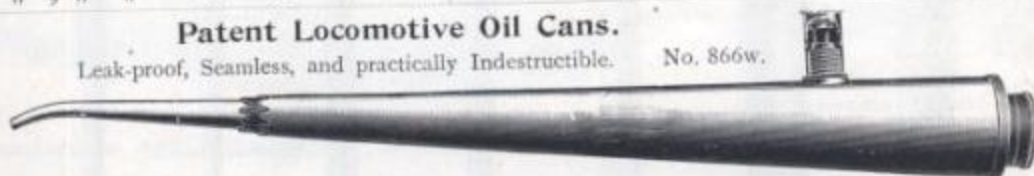


No.	Prices, each.	Fixed Copper Spouts.	Fixed Tin Spouts.	Interchangeable Loose Spouts (Tin).	Extra Spouts.
A.	1/2 pint, 6 in. spouts ...	1/5	1/3	1/7	-/2 1/2 each.
B.	" 7 " " ...	1/8	1/6	1/10	-/3 " "
C.	" 8 " " ...	1/11	1/9	2/2	-/3 " "
D.	" 9 " " ...	2/4	2/2	2/7	-/4 " "

Patent Locomotive Oil Cans.

Leak-proof, Seamless, and practically Indestructible.

No. 866w.



Length ...	15	18	24	30	36 in.
Prices in Steel ...	3/-	3/3	3/6	3/10	5/- each.
" " Copper or Brass ...	10/6	11/6	12/6	16/6	21/- "

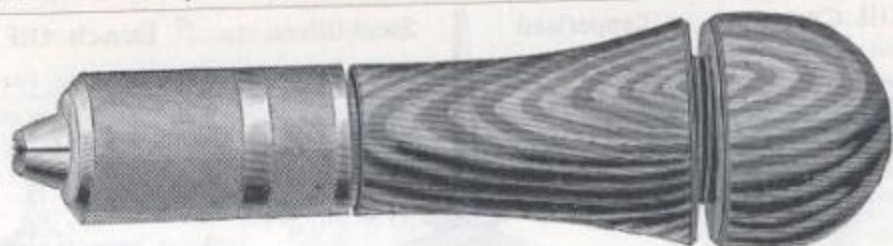
With Interchangeable Spouts at same prices. If made to squirt the Oil, 1/6 each extra.

NOTE.—For a larger selection of the above and other designs of Oil Cans and Lubricators, please refer to our Catalogues of Metal Workers' Tools and Machines. Copies of these or loose sheets will be posted on application.

A large and varied Stock of Engineers' Tools and Motor Accessories.

No. 867w.

Tool Holder



and Tools.

These Tool Handles are made of Cocobola, highly polished, and of beautiful appearance. The ferrule and jaws are heavily nickel-plated.

The Steel Jaws will hold perfectly, not only the tools contained in the hollow handle, but other things, from a needle to a mill file. It answers the purpose of a small hand vice.

The tools are made from steel of the highest grade, tempered by men of great experience, honed to a fine cutting edge, and are all highly finished. They are made for service and will give satisfaction. The jaws in the handle shut over the shoulders of the tools (as seen in the cuts), so as to make it impossible to pull them out when in use. The tools are about the sizes shown in the engravings.



Tool Pad, 6 in. long, with 20 Tools, as illustrated. Price 4/- each.

No. 868w. Polished Cocobola Tool Pad, as above, but 7½ in. long, and fitted with 10 full size, superior finish, straw-colour tempered tools, as illustrated. Price 4/9 each.

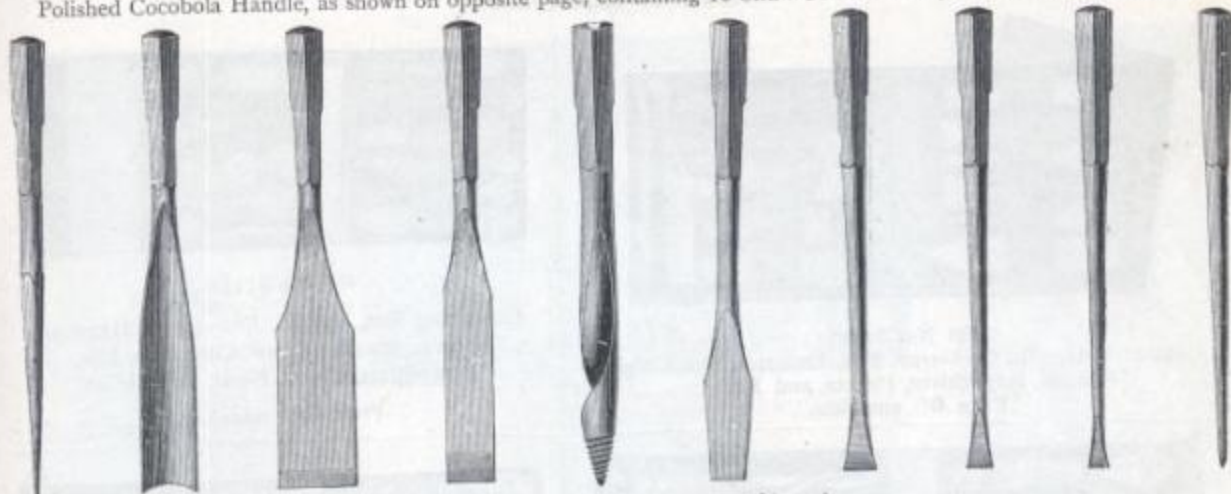


Contractors to the Home, Indian, and Colonial Governments.

Tool Holders—Continued.

No. 869w.

Polished Cocobola Handle, as shown on opposite page, containing 10 Straw-Coloured Bits, size as illustrated below.



Price ... 4/- each.

Box Handled Tool Pad.

No. 870w.

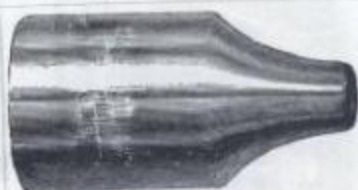


With 10 Tools, as illustrated. Price 2/-

Patent Combination Tool Pad.

No. 871w.

Complete with 12 Tools.
Price 3/3 each.



Larger size, with 8 Tools, 4/3 each.



Turret-Head Tool Set with Adjustable Chuck.

No. 872w.

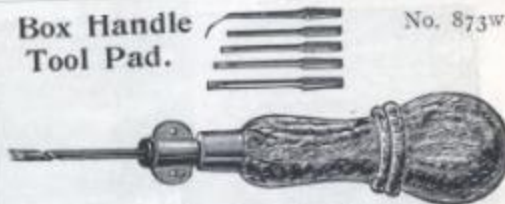


A handy Pocket Tool Set of First-Class Quality. The Movable Turret arrangement in the head is a very useful addition, and enables one to select at once the tool required.

Price with Assorted Tools, 2/9 each.

Box Handle Tool Pad.

No. 873w.



Just the Tool for Motorists.
Complete with 15 Sheffield-made tools, fully warranted.

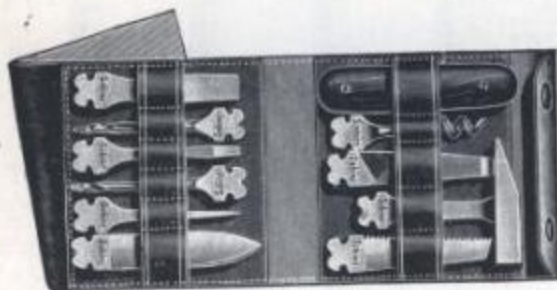
Length 7 in. Price 3/-
Wonderful value.

Bronze Medal, 1884. Gold Medal, 1890.

Sets of Tools in Folding Leather Cases Fitting One Handle.

For Household and other Purposes.

WARRANTED FIRST QUALITY.



Set No. 874w.

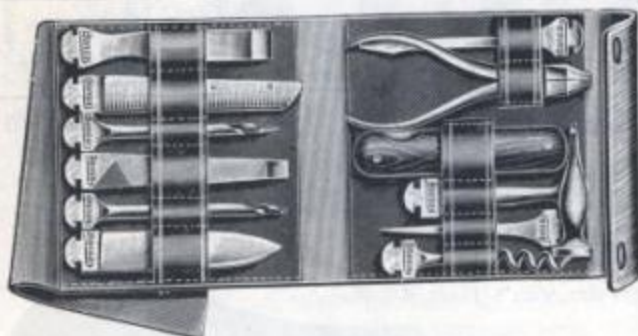
Containing Handle, Corkscrew, File, Hammer, Saw, Chisel, Gimlets, Screwdriver, Piercer, and Blade.
Price 6/- complete.



Set No. 874 1/2 w.

Containing Saw, Handle, Box-opener, Hammer, Piercer, Sheath for Saw, Corkscrew, File, Screwdriver, Chisel, Blade, and Gimlet.

Price 9/9 complete.



Set No. 875w.

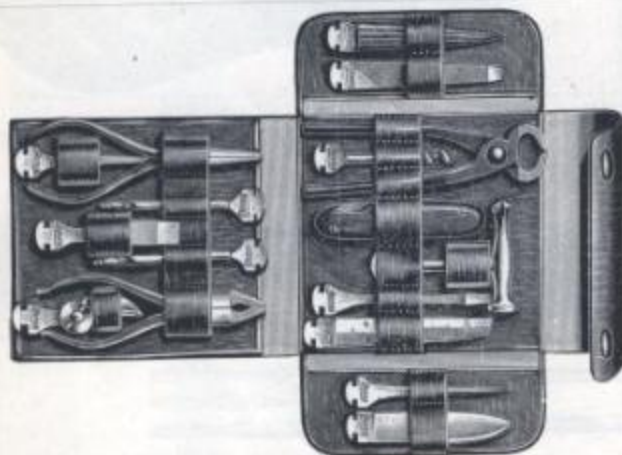
Containing Screwdriver, Pliers, Handle, Hammer, Piercer, Corkscrew, Chisel, Saw with Sheath, Gimlets, File, and Blade.
Price 11/9 complete.



Set No. 876w.

Containing Saw, Handle, Chisel, Hammer, Piercer, Corkscrew, File with Screwdriver end, Gimlets, Screwdriver, and Blade.

Price 9/6 complete.



Set No. 877w.

Containing Files, Pincers, Corkscrew, Handle, Hammer, Screwdriver, Saw with Sheath, Piercer, Blade, Pliers, Gimlets, Chisel, Box-opener, and Cutting Pliers.
Price 20/3 complete.



Set No. 878w.

Containing Saw, Handle, Blade, File with Screwdriver End, Chisel, Screwdriver, Piercer, Gimlet, and Corkscrew.

Price 8/6 complete.

MELHUISH, Ltd., have a separate department with a large and well-assorted stock of Builders' Ironmongery and Cabinet Brass Foundry, also for Electrical Goods, Bells, Lighting, etc. We carry a large and well-assorted stock, so can forward your esteemed orders at once—no delay. Established 1828.

Tool, Machine, and Hardware Merchants and Manufacturers.

Tool Sets.

With Warranted Cast Steel Tools and Nickel-plated Handle. Cases of Real Russian Leather.

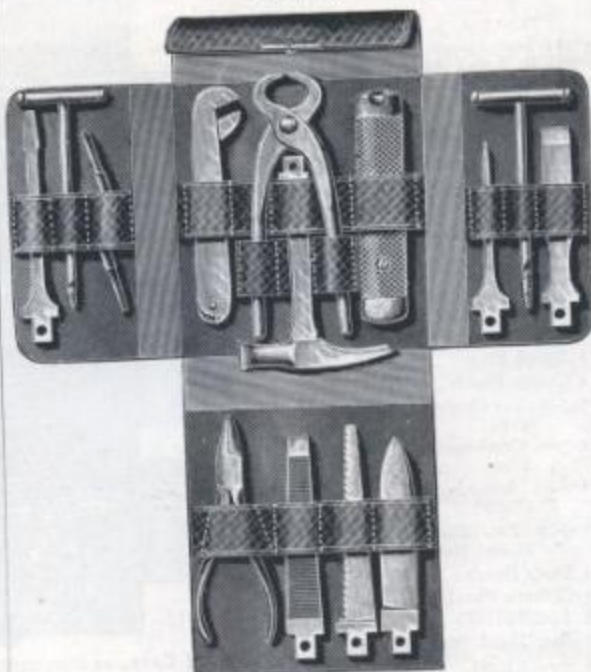
No. 879w.



Household Tool Set, containing the handle, knife, saw, chisel, corkscrew, file with screwdriver, smaller screwdriver, reamer, and two gimlets.

Price ... 10/6

No. 880w.



The Favourite Set.

This Case has the same Tools as No. 881w., but instead of a separate hammer and pincers as shown, a combination hammer is supplied.

Price ... 16/-

No. 881w.



Electrician's Tool Set, containing the handle, knife, saw, chisel, file with screwdriver, smaller screwdriver, screw and tube wrench, pliers, reamer, two gimlets, and turning pin.

Price ... 12/6

Leather Rolls of Tools.

No. 882w.

With Black Leather Case.

7	10	12	16	17	20	tools.
8/-	10/6	13/6	16/6	19/6	25/-	each.

No. 883w.

Solid Limp Leather Case.

7	10	12	16	17	tools.
10/6	13/-	16/6	19/6	25/-	each.

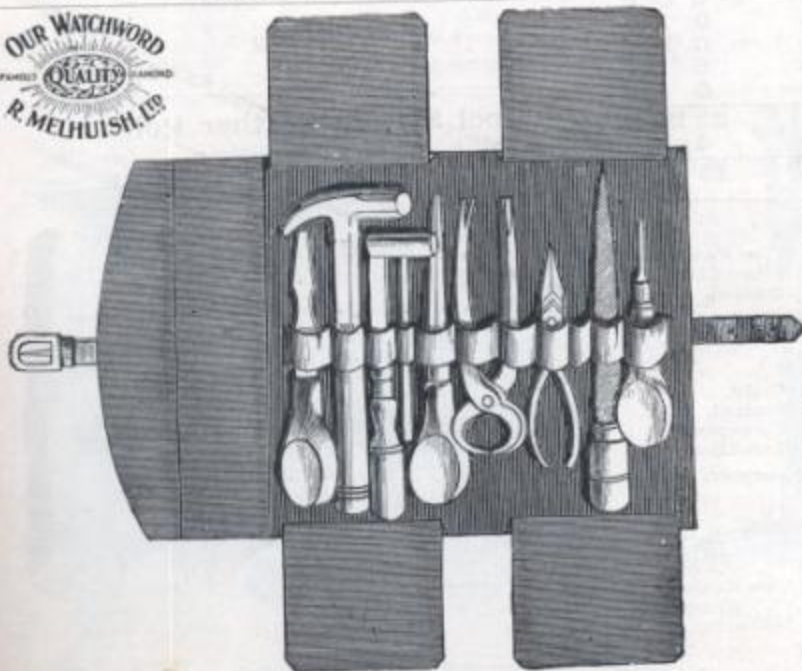
No. 884w.

Solid Stiff Leather Case.

With Special Tools and Rosewood Handles.

7	10	12	16	18	20	tools.
18/-	24/-	30/-	38/6	43/6	51/6	each.

OUR WATCHWORD
QUALITY
R. MELHUISH, LTD.



Orders of 20/- and upwards Carriage Paid (with few exceptions).



Tool Sets in Leather Rolls.

No. 885w.

This Roll is made of the very best tanned leather, and will be found extremely easy for folding up. It comprises the most useful set of extra quality fine tools, and will stand a lot of very hard wear.

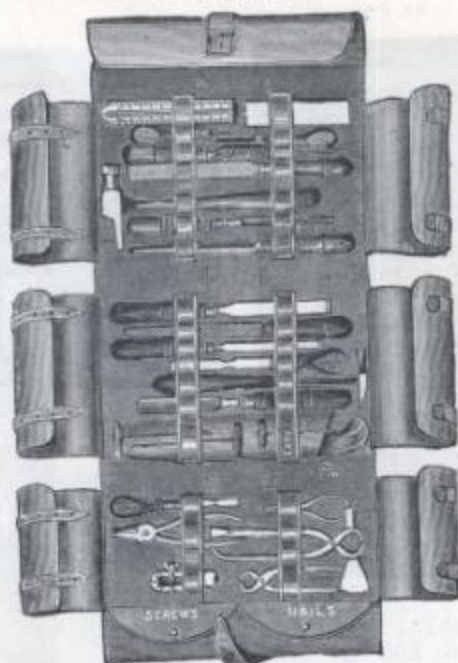
Our Patent Straps are made so as to allow of any Tools that may be placed in them fitting easily.

CONTENTS.

	£	s.	d.
1 Hand Drill ...	0	6	0
1 2-ft. Steel Rule ...	0	1	6
1 Small Screwdriver ...	0	1	0
1 Punch Plier ...	0	4	6
1 Centre Punch ...	0	0	11
1 5-in. Gas Cutting Plier ...	0	2	3
1 7-in. Combination Plier ...	0	3	0
1 6-in. Adjusting Gas Plier ...	0	4	6
1 5-in. Par. Plier, Round Nose ...	0	2	0
1 Strap Punch ...	0	0	6
1 Clyburn Spanner ...	0	4	0
1 Tool Pad ...	0	6	0
1 Par. Hand Vice ...	0	6	6
1 Steel Chisel ...	0	0	10
1 Pair Scissors ...	0	2	0
1 Large Screwdriver ...	0	2	0
2 Handled Files ...	0	1	4
2 Chisels ...	0	1	6
1 Gouge ...	0	0	8
1 Hammer ...	0	1	6
1 Hacksaw Frame ...	0	3	6
1 Bit Handle ...	0	1	0
6 Bits in Box ...	0	1	6
Tools ...	£2	18	6
Roll ...	1	1	0
Complete ...	£3	19	6

Superior Leather Tool Cases.

No. 886w.

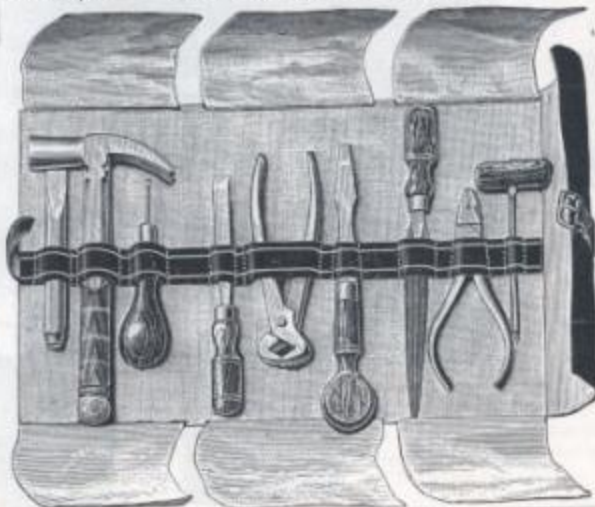


Three-fold Case, as illustrated, containing the following:—

2 Gouges.	2 Bradawls.
2 Firmer Chisels.	1 Hand Vice.
3 Files.	1 Pair of Cutting Pliers.
1 Rasp.	3 Twist Gimlets.
1 Oil Stone.	1 Saw.
2 Screwdrivers.	1 Pair Tower Pincers.
2 Hammers.	1 Combination Placers.
1 2-ft. Four-fold Rule.	1 Pair Round-nosed Pliers.
Price complete ...	45/- each.

Tool Sets in Leather Rolls.

No. 887w. Of Superfine Quality. Rosewood Handles.



No. 1 Set contains 9 Tools.

Bright Pincers.	File.	Claw Hammer.
" Cold Chisel.	Gimlet.	Firmer Chisel.
" Cutting Pliers.	Turnscrew.	Bradawl.
Price ...	15/6	complete.

No. 2 Set contains 12 Tools.

Bright Cold Chisel.	Claw Hammer.	Gimlet.
" Cutting Pliers.	Handled File.	Bradawl.
" Pincers.	Firmer Chisel.	Turnscrew.
Flat-nose Pliers.	" Gouge.	Tack Claw.
Price ...	21/9	complete.

No. 3 Set contains 15 Tools.

Bright Cold Chisel.	Hand Vice.	Firmer Gouge.
" Cutting Pliers.	Flat File.	" Chisel.
" Pincers.	Turnscrew.	Claw Hammer.
1-ft. Ivory Rule.	Bradawl.	" Wrench.
Half-round File.	Gimlet.	Folding Saw.
Price ...	28/6	complete.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Trammel Heads.

No. 888w.

In Bronze with Steel Points, on either of which a pencil socket, which accompanies each pair, can be firmly clamped up to the main stock. The pencil will thus be secured at a point nearer the work than is possible by any other method.

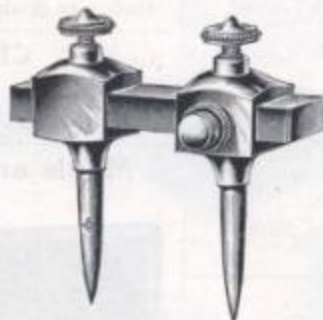


Prices:

No. 1 3/6, No. 2 4/6, No. 3 6/- pair.

No. 889w.

Brass, with hardened Steel Points, and supplied with special attachment for holding an ordinary lead pencil. Will take a bar $\frac{1}{2}$ in. deep $\times \frac{1}{4}$ in. wide, and so constructed that the strain during the operation of striking circles is on the *width* of the bar.

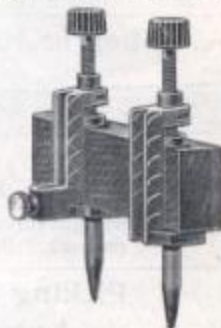


Of Best Quality and Finish.

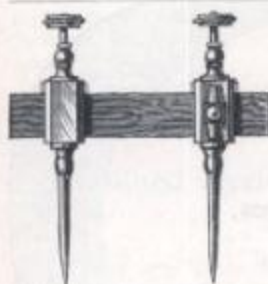
Price ... 3/3 pair.

No. 890w.

These are so constructed that they can be attached to one side of any straight stick without exact regard to its size, and are thus quickly adjusted for use. The peculiar form of the socket makes it possible to use an ordinary sized pencil or a full-sized oval-shaped carpenter's pencil.



Price—Nickel-plated with steel points, 2/6 pair.



Best English-made Brass Trammel Heads, Steel Points and Pencil Socket.

No. 891w.

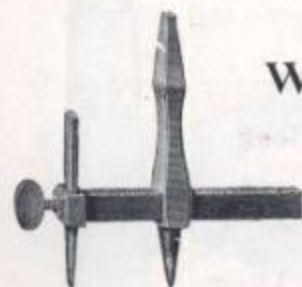
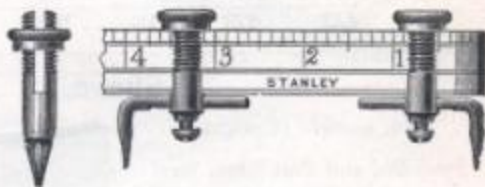
Size	$\frac{9}{16}$ in. by $\frac{1}{4}$ in. ...	...	...	...	...	...	...	...	...	...	Price 2/- per pair.
" $\frac{11}{16}$ "	" $\frac{1}{4}$ "	...	...	...	...	...	...	...	...	...	2/4 "
" $\frac{13}{16}$ "	" $\frac{1}{4}$ "	...	...	...	...	...	...	...	...	...	3/- "
" 1 "	" $\frac{1}{4}$ "	...	...	...	...	...	...	...	...	...	3/6 "
" $1\frac{1}{8}$ "	" $\frac{1}{4}$ "	...	...	...	...	...	...	...	...	...	4/9 "

No. 892w.

Adapted for convenient use on a Carpenter's Rule. Can be attached to Folding Rules of any ordinary width, and on many kinds of work.

A complete set consists of two Brass Trammel Heads, with movable Steel Points, and one Head with a Pencil Socket.

Price 2/- the set.



Adjustable Washer Cutter.

No. 893w.

Single pattern (as illustration) ...	2/10
Double pattern ...	3/9
Wood handles extra	-/6



Price ... 4/- each.
Extra Blades, 1/- per set.

Washer Cutter.

No. 894w.

A strong useful device for cutting washers 1 in. to $5\frac{1}{2}$ ins., provided with removable blades, adjustable as to length of cutting edge as well as position. Blades can easily be removed for sharpening or replaced when worn out.

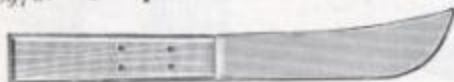
Basket Makers' Tools.

No. 895w. Shop or Hand Knife.



4½ 5 5½ 6 in.
-/9 -/10 1/- 1/2 each.

No. 897w. Shop or Hand Knife.



4½ 5 5½ 6 in.
-/7 -/8 -/10 1/- each.
6½ in. with Steel right through Handle ½ in. thick
on back. Price 2/3.

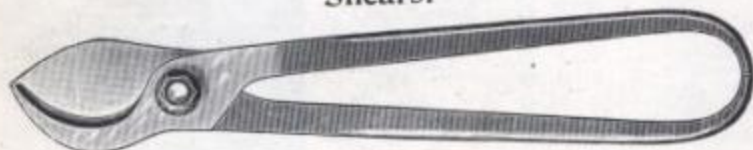
Picking Knife.

No. 900w.



Price -/7 each.

Shears.



10 11 12 13 14 in.
4/3 4/3 5/- 5/3 6/6 each.

Shave.

No. 902w. (Upright.)

Steel Bed and Best Razor-Steel
Blade, ground thin.

Price 6/6



Shave.

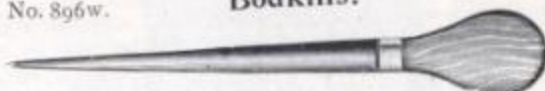
No. 903w.

Steel Bed and Best Razor Steel Blade,
ground thin.

Price 5/-



No. 896w. Bodkins.



Blade ... 4 5 6 7 8 9 10 in.
Solid -/8 -/10 1/- 1/1 1/4 1/7 1/9 ea.
Hollow or Straight 1/- 1/1 1/3 1/5 1/8 2/- 2/6 "

No. 898w. Cleavers.

Boxwood -/10 each.
Horn 1/9 "



Mauls and Commanders Combined.

No. 899w.



Prices 2/3 to 3/3 each.

No.
901w.

No. 904w.

Willow
Knives.

As Illustrated.

9½ in. blade.
3/6 each.

10 in. blade.
4/3 each.

No. 905w.

Osier Hook.

Similar pattern
to above.

Price 1/6 each.



Bronze Medal, 1884.—Gold Medal, 1890.

This uses a single strip of 25 Staples. These are automatically cut off and fed forward accurately and without failure. A single blow will suffice to drive Staple through 1 to 25 sheets, and feed forward to next Staple.



Hotchkiss
Stapling
Press.

No. 906w.

Price ... 5/-

Staples to suit, 1/- per box of 500.

Hotchkiss Stapling Press.

No. 907w.

Extra strong,
and of double the
capacity of
No. 906w.



Price 12/6.

Staples to
suit, 3/6
per box of
1,000.

The Hotchkiss
Automatic
Tag Machine.

No. 908w.

For putting labels or cards on boxes, casks, etc., and easily drives a staple or double tack into the hardest wood, or through tin. Price 7/- Staples, 2/- per box of 1,000.



Clipless
Paper
Fastener.

No. 909w.

Securely fastens 2 to 10 sheets of paper without the use of pins or fastenings of any kind. The paper itself forms the fastening.

Price 13/6 each.

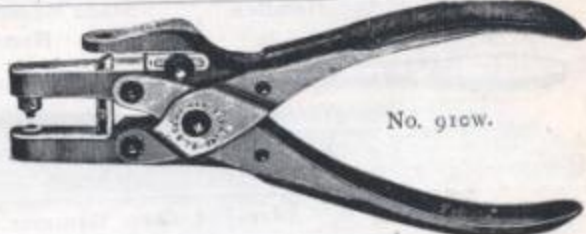


Combined Eyelet Punch and Closer.

No. 910w.

A very useful tool nicely nickel-plated.

Length 6 1/2 in. ... Price 5/6



No. 910w.

Eyelets.

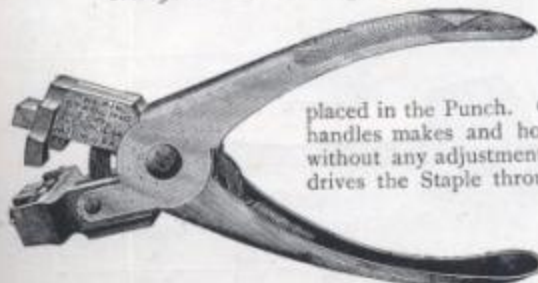
To use with Punch. In tin boxes of 250 Eyelets.



No. 911w. ...	1	2	3
Price per dozen boxes ...	6/-	7/-	9/-

Pin Stapling Tool.

No. 912w. For binding Papers, Documents, etc.

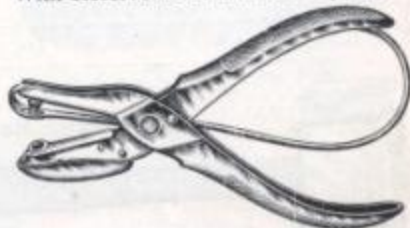


Of best tempered steel, nickel-plated. An ordinary pin is simply placed in the Punch. One pressure of the handles makes and holds the Staple, and without any adjustment a second pressure drives the Staple through the papers and clinches it.

Price 7/6 each.

Card Punch. No. 913w.

With Reservoir to retain the clippings.



Made in 6 Designs—Heart, Diamond, Fan, Ellipse, Crescent, and Round.

Price ... 1/6 each.

Wood Handles, etc.

No. 914w. Felling Axe Handles.
Ash, 36 in.
Price -/9 each.

No. 915w.
American Pattern. Hickory.
Price 1/- each.

No. 916w.
Pick Handles.
Hickory, 36 in., -/8 each.

No. 917w.
Sledge Hammer Handles.
Ash or Hickory, -/6 each.

No. 918w.
Adze Handles.
Ash, Hand-made, -/9 each.

No. 919w.
Garden Rake Handles.
Ash, 4 ft., -/4; 5 ft., -/5; 6 ft., -/6 each. Also in Bass Wood, Best Quality, 5 ft., -/2 each.

Hatchet Handles.		Axe Handles.		No. 921w. Axe Handles.	
No. 920w. Straight Ash.				Axe ...	18 20 22 in.
Length	12 14 16 18 in.			In Ash ...	-/4 -/5 -/6 each.
Price	-/3 -/3 -/4 -/5 each.			In Hickory	-/6 -/7 -/8 ..

Joiners' Hammer Handles.		Stone Masons' Hammer Handles.		Engineers' Hammer Handles.	
No. 922w.		No. 923w.		No. 924w.	
	10 12 14 16 in.				12 14 16 18 in.
Ash ...	-/2 -/2 -/2½ -/3 each.			Ash ...	-/2 -/2½ -/3 -/3½ each.
Hickory	-/2½ -/2½ -/3 -/3½ ..	Ash, 9 in. ...	-/2 each.	Hickory ...	-/2½ -/3 -/3½ -/4 ..

No. 925w. Adze-Eye Claw Hammer Handles. Hickory, 13 in. long, -/3 each.

No. 926w.
Boxwood Chucks.
For turning up to size of work as required.

Size ...	1½ 2 2½ 3 3½ 4 in.
Price ...	-/3 -/4 -/5 -/9 1/- 1/3 each.

No. 927w. Bow Saw Handles.

	10 to 14 in.	16 in.
Round Beech ...	1/-	1/3 per pair.
" Boxwood ...	1/3	1/6 "
Octagon "	1/6	1/9 "

No. 928w.
Metal Bound Mallets.

	A B C
Iron Bound, Heavy,	2/7 2/6 3/- each.

No. 929w.
Joiners' Mallets.

Best Quality Hard Red Beech. Handles Mortised Square from Top.					
4	4½	5	5½	6	7 in.
-/10	1/-	1/2	1/4	1/6	2/- each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Wood Handles, etc.

Best Round Ash, Brass Ferrules.

No. 930w.



Price 1/6 doz., -/2 each.

Round Ash, Two Malleable Ferrules.

No. 933w.



Price 3/- per doz., -/4 each.

Screw Driver Handles, London Pattern.

No. 936w.



Ferrules ...	1/2	3/8	1/2	5/8	1 in.
Polished Beech ...	-/4	-/4 1/2	-/5 1/2	-/7	-/8 ea.
Oval Boxwood	-/6	-/8	-/10	1/1	1/3 "

Carver's Pattern, Polished Beech, etc. No. 931w.



Beech ... Price 1/6 per doz., -/2 each.
Boxwood " 2/6 " -/3 "

Socket Chisel Handles, Iron Hooped, Polished.

No. 934w.



Price 3/6 per doz., -/4 1/2 each.

Screw Driver Handles, Boxwood.

No. 937w.



For	3	4	5	6 in. Screw Drivers.
Price	-/3	-/3	-/4	-/4 1/2 each.
For	7	8	9 in. Screw Drivers.	
Price	-/5 1/2	-/8	-/10	each.

Octagon Boxwood.

No. 932w.



Price 3/6 per doz., -/4 each.

Mortise Chisel Handles. No. 935w.



Price 4/6 per doz., -/5 each.

No. 938w. Bradawl Handles.



Beech 1/-, Box 1/9 per doz.

No. 939w. File Handles.



Iron Ferrules, -/9 per doz.,
8/6 per gross.
Brass Ferrules, -/10 per doz.,
9/6 per gross.

"Everlasting" Pulp Composition Handles.

No. 940w.

Will not split however tightly the File may be driven in. Cleanly in use and proof against shrinkage.

Small, Medium, Large.

"Everlasting" Handles 1/- 1/6 2/- per doz.



No. 941w. Universal File Handle.

In Japanned Iron with Clamp to adjust it to various sizes of File Fangs. Price -/6 each.



Lock-Jaw File Handle.

No. 942w.



Will neither split nor rust.
Price 2/- per doz., -/2 1/2 each.

File Handles. Smallest Sizes about 1/4 in. diameter. Largest Sizes about 1 in. diameter.

No. 943w.

Yew Wood. Ebony.

Small ...	-/7	2/- per doz.
Medium ...	-/8	2/6 "
Large ...	1/-	3/- "



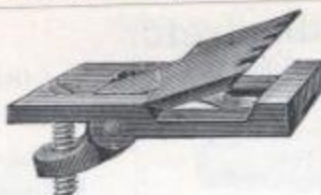
A large and varied Stock of Engineers' Tools and Motor Accessories.

Carpenters' Bench Stop.

No. 944W.

With Screw Adjustment.

Price ... 1/11 each.



No. 945W.

Solid Bench Stop.

With Springs.

Price ... 1/9 each.

Spring Bench Stop.

No. 947W.

The Stop is raised or lowered by turning the slit head screw, and remains in any position required by the action of the spring.

Price ... 1/11 each.

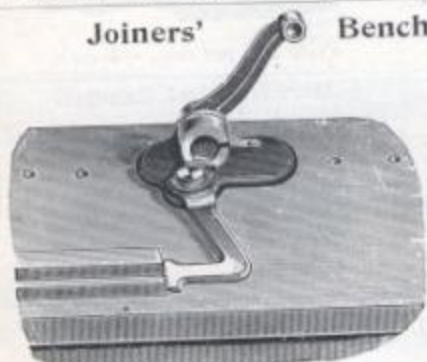


Joiners' Bench Knife Stop.

No. 946W.

It will securely hold, and can be instantly adapted to any piece of work of whatever size.

Price 2/3 each.



Improved Bench Stops.

The higher priced Stop is very greatly improved. Thus: It is grooved lengthwise at four equal spaces. The body is large in proportion. The cam works in the grooves and holds the spindle firmly in position. The working plate is and has two sets of teeth, one coarse and the other fine; the two other sides are smooth. The clamping screw only requires one half-turn to operate the cam lever. The end that the screw is in should always be towards the workman. The spindle and working plate is of wrought steel.

Morrill's No. 948W, 2/- No. 949W, as described above, 3/-

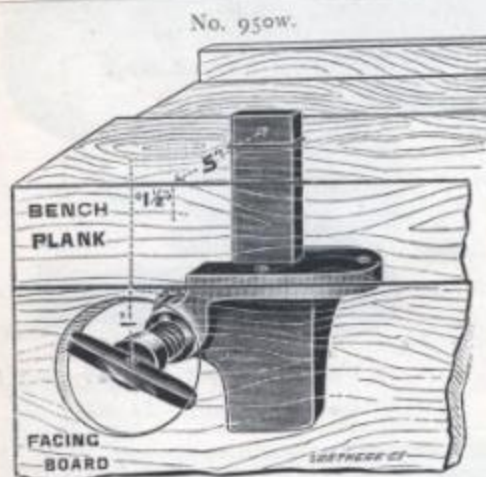
Pattern, English Manufacture, 1/9 each.



No. 948W.



No. 949W.



No. 950W.

"Gripper" Bench Stop.

Operated from the front, and has no metal work on the top surface of the Bench; is firm, easily fixed, and quickly adjusted.

The Stop is of hard wood, easily renewable, and is moved up and down by turning the wing knob shown through the hole in the facing-board of the Bench.

The method of fitting is indicated by the dimensions figured on the illustration.

Price ... 2/3 each.



"Ajax" Bench Stop.

No. 951W.

Operated from top of bench, and made with toothed Iron or Wood Stop.

It may be instantly released and clamped in any desired position by turning the wing knob shown.

Specify whether Iron or Wood Stop is required. Price ... 2/3 each.

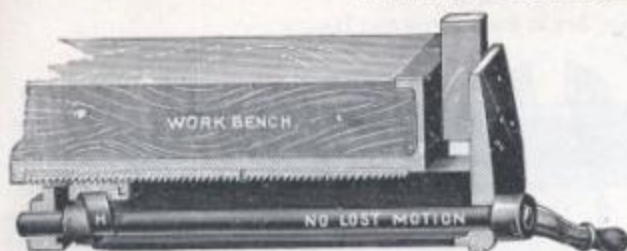
Neither the "Gripper" nor the "Ajax" Bench Stop requires a hammer or a screw-driver to adjust it, consequently no time is lost in hunting for these articles.

This section of our Catalogue contains the leading lines in Wood Workers' Tools, Machines, and Accessories, etc., etc. We have other sections, embracing a great variety of Engineers' tools, Machines, and Appliances, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Tools, Builder's and Furnishing Ironmongery, etc., etc. Copies of these sections will be sent per post on application.

Contractors to the Home, Indian, and Colonial Governments.

Joiners' Instantaneous Grip Vice.

No. 952w.



Engraving shows work gripped. One-third of a turn of handle backward releases work and leaves the jaw free. Having only two working parts—viz. Spiral Cam H and Short Rack L—it combines extreme simplicity with great strength. Jaws drilled to receive wood facings.

Steel racks are specially recommended. The Bench Hook is fitted in Back Jaw, and can be raised and lowered to act as Bench Strop.

Size.	Width of Jaws.	Opens.	With Cast-iron Racks.		Tempered Steel Racks, Machine-cut Teeth.	
			Without Bench Hook.	With Bench Hook.	Without Bench Hook.	With Bench Hook.
A	7½ in.	6 in.	13/-	15/-	15/6	17/6
B	9 "	12 "	14/6	15/-	17/-	17/6
C	10½ "	13 "	18/6	19/6	21/-	22/-

Extra Short Iron Rack L, price -10; in Steel, 3/6.

Extra Long Rack, in Iron, E, 1/6; in Steel, 2/6. Carriage Forward.

Woodworker's Vice.

No. 953w.

These Vices combine all the advantages of the continuous Screw Vice with the quickness and economy of the sudden grip. It is very simple to manipulate, will give a tighter grip than any other vice, and the wearing parts are so constructed that they improve with use.

Width of jaw 7 in., opens 6 in., weight 19 lb.	...	Price 12/- each.
" " 9 " " 12 " " 40 "	...	" 16/- "
" " 10½ " " 12 " " 44 "	...	" 18/- "



Carriage Forward.

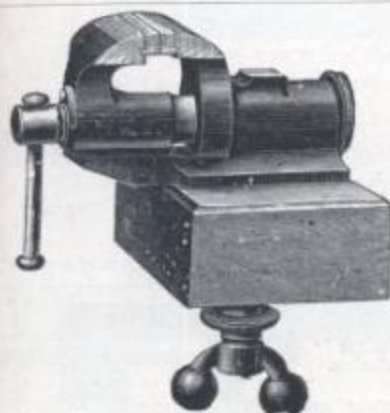
New Patent Vice with Steel Jaws.

No. 954w.

As supplied with our own Benches.

Can be instantly fixed and taken away, leaving only the small flat plate sunk flush with the bench. This is the cheapest, best, and most useful Metalworker's Vice on the market. Can also be revolved and tightened in any position.

Weight 5½ lb., 2½ in. Jaw.



Price ... 11/6 each.

Weight 8½ lb.

2½ in. Jaw.

Extra large.

Price ... 15/6 each.

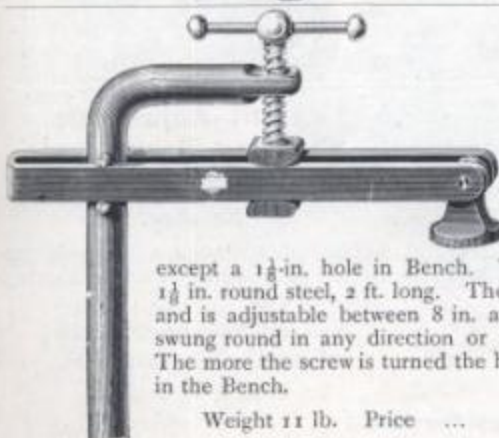
Improved Bench Clamp.

No. 955w.

For holding work firmly for carving, sawing, planing, etc. No fitting is needed

except a 1½-in. hole in Bench. The bent shaft is of 1½ in. round steel, 2 ft. long. The arm is 16 in. long, and is adjustable between 8 in. and 16 in.; it can be swung round in any direction or removed at pleasure. The more the screw is turned the harder the shaft binds in the Bench.

Weight 11 lb. Price ... 9/6 each.



Bench Holdfasts.

No. 956w.

Black.

10 in. × ¾ in., price	3/6 each.
12 " × 7/8 " "	4/3 "
14 " × 1 " "	5/- "
16 " × 1 1/8 " "	6/- "

All Bright.

10 in. × ¾ in., price	5/3 each.
12 " × 7/8 " "	6/6 "

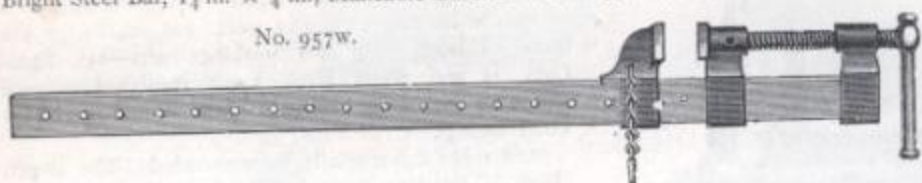


Bronze Medal, 1884.—Gold Medal, 1890.

Improved Sash Cramp.

Bright Steel Bar, $1\frac{1}{2}$ in. \times $\frac{1}{4}$ in., Malleable Black Iron Fittings, Bright Steel Screw and Handle.

No. 957w.



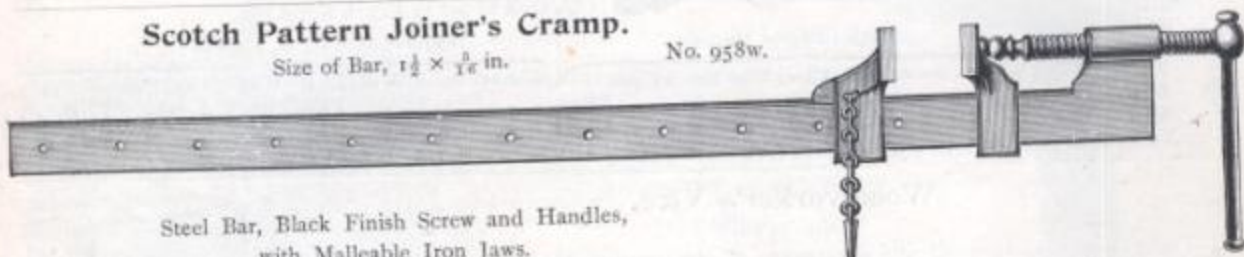
Length of Bar—

24	30	36	42	48 in.
To take in—				
18	24	30	36	42 in.
Price—				
5/3	5/6	6/-	7/6	8/3 ea.

Scotch Pattern Joiner's Cramp.

Size of Bar, $1\frac{1}{2}$ \times $\frac{5}{16}$ in.

No. 958w.



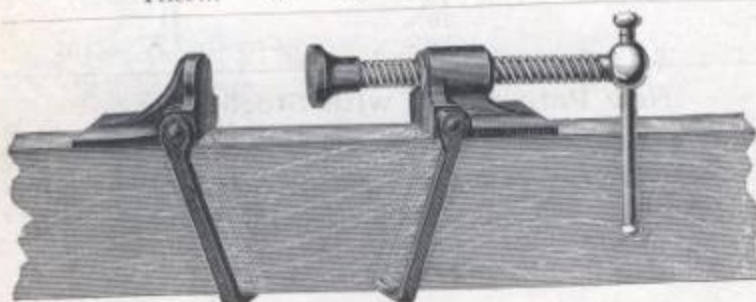
Steel Bar, Black Finish Screw and Handles, with Malleable Iron Jaws.

Length of Bar	...	...	...	...	24	30	36	42 in.
To take in	...	...	...	...	17	23	29	35 "
Price	...	...	...	...	8/-	8/6	9/-	9/6 each.

Cramp Heads.

No. 959w.

Steel Screw and Handle, Wrought Iron Straps. Other fittings Cast Iron.



Size	...	A	B	C
Diam. of Screw	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$ in.
To suit plank	$4 \times 1\frac{1}{2}$	$5 \times 2\frac{1}{2}$	$6 \times 3\frac{1}{2}$	"
Price per pair	4/-	4/9	6/9	

The advantage of these loose heads is that a thoroughly reliable cramp can be at once made with planks to any length.

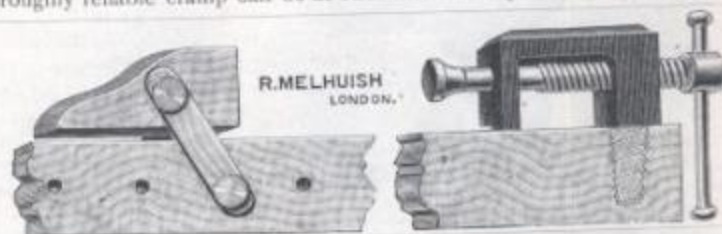
Melhuish's Improved Cramp Head and Anvil.

No. 960w.

For use on Wood Bar, as shown (or for use on Bench). Easily fixed and detached.

Price 8/6 each.

(Wood Bar and Block extra.)



Patent Adjustable Shooting Board and Mitre Block.

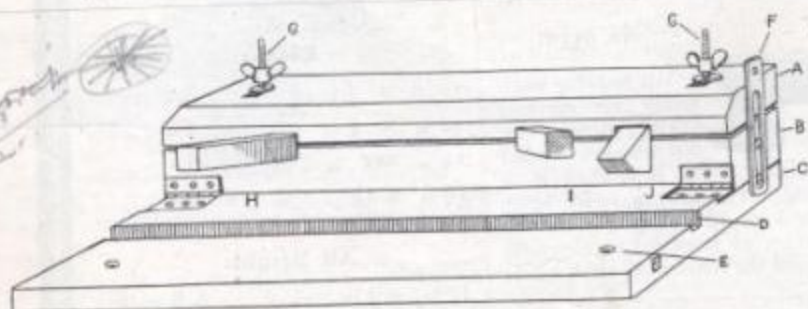
No. 961w.

Invaluable in any woodwork of precision, as Patterns, Picture Frames, Cameras, etc.

Full particulars on application.

Length 16 in.; width 6 in.

Price 8/6 complete.

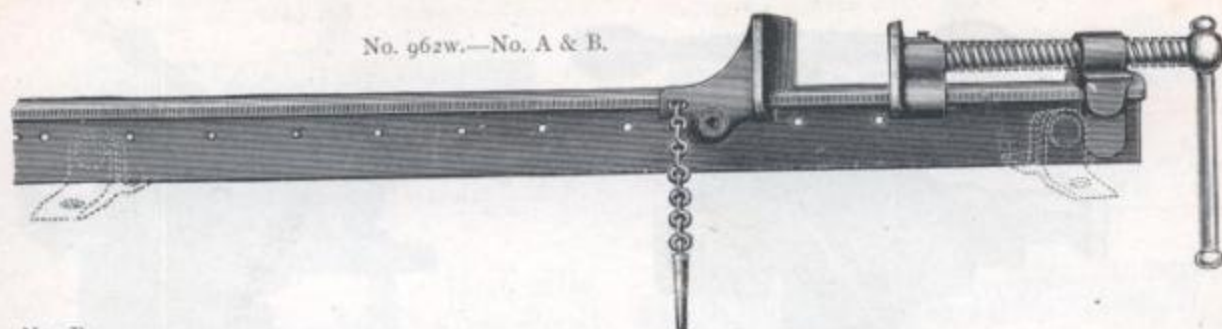


All Goods on this page Carriage Forward.

Tool, Machine, and Hardware Merchants and Manufacturers.

T Section Steel Bar Cramps.

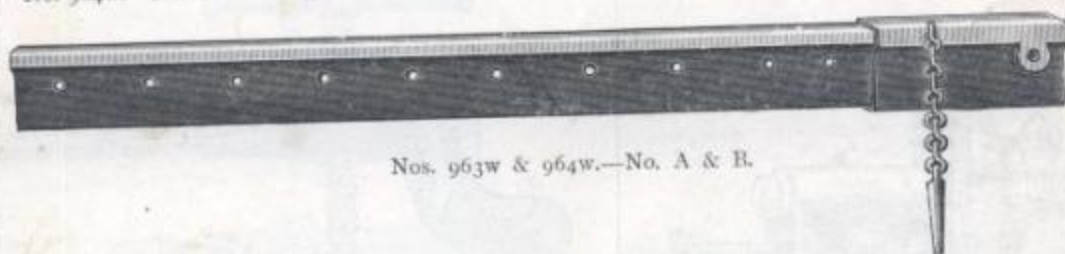
No. 962w.—No. A & B.



No. B.
 $2\frac{1}{8} \times \frac{3}{8}$

These T Bar Cramps are now all manufactured with the Bar cold drawn to the exact section, which ensures free and at the same time perfectly fitting Sliding Jaws, and any jaw required to replace would also be of a perfect fit; further, the finish of the Cramps is consequently very superior.

	Length ...	3	3½	4	4½	5	6	7	ft.	
No. A.— $1\frac{1}{2} \times \frac{3}{8}$...	9/-	9/6	10/-	10/6	11/-	—	—	each.	No. A. $1\frac{1}{2} \times \frac{3}{8}$
No. B.— $2\frac{1}{8} \times \frac{3}{8}$...	12/-	12/6	13/-	13/6	14/-	15/-	16/-	"	
No. 963w. No. A.—Lengthening Bars		5/-	6/-	6/6	—	—	—	—	"	
No. 964w. No. B.—	"	6/3	—	8/-	—	9/-	11/-	—	"	



Nos. 963w & 964w.—No. A & B.

Patent Sash Cramp.

No. 965w.

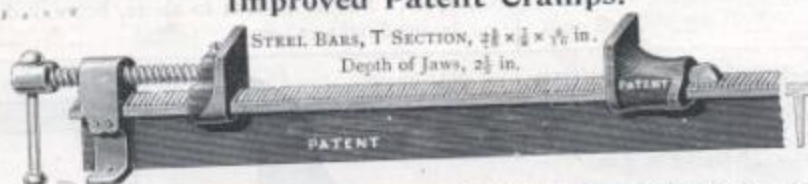
With Bright Steel Bar, $1\frac{1}{4}$ in. by $\frac{1}{4}$ in.



Full Length	...	24	30	36	42 in.
Price	...	6/6	7/6	10/-	12/- each.

Improved Patent Cramps.

No. 966w.



STEEL BARS, T SECTION, $2\frac{1}{8} \times \frac{3}{8} \times \frac{5}{16}$ in.

Depth of Jaws, $2\frac{1}{2}$ in.



For joiners, pattern makers, wheelwrights, railway waggon and ship builders, and cabinet makers. Unequalled for strength, lightness, simplicity, and durability.

ADVANTAGES:—Self-fastening Sliding Jaw, which only requires pushing up to the work. The greater the pressure applied, the firmer the grip. Instant Adjustment on any part of the Bar.

Length	...	3	3½	4	4½	5	6	7	ft.
To take in	...	2	2½	3	3½	4	5	6	"
Price	...	17/-	17/-	17/-	18/6	19/-	22/-	24/-	each.

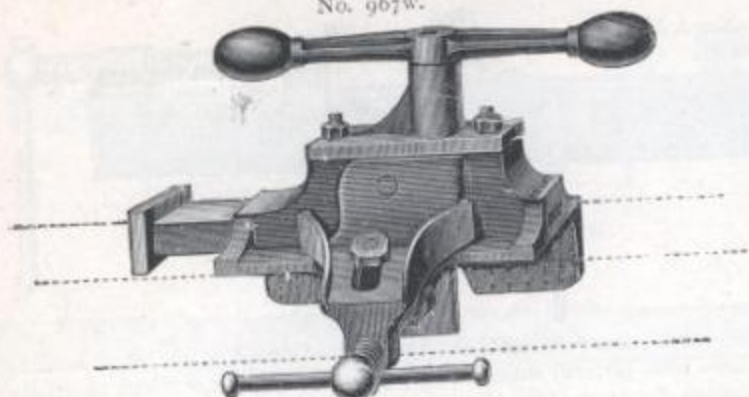
Lengthening Bars, 3 ft. and above, 2/6 per foot.

Goods on this page Free on Rail London only.

Orders of 20/- and upwards Carriage paid (with few exceptions).

Flooring Cramps.

No. 967w.

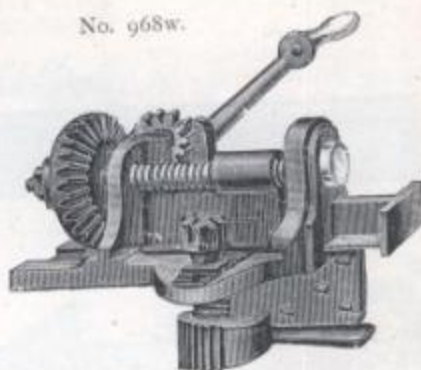


New Pattern.

Made entirely from Malleable and Wrought Iron, no ordinary Cast Iron being used. To grip joists 2 in. to 4 in. thick.

Price 16/3 each.

No. 968w.

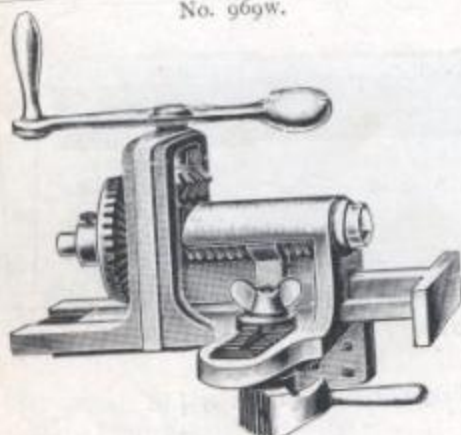


Malleable Iron Frame, with Malleable and Wrought Iron Working Parts.

Capacity, 2 to 4½ in. Joists.

Price 14/6 each
Cheaper Quality 10/6 "

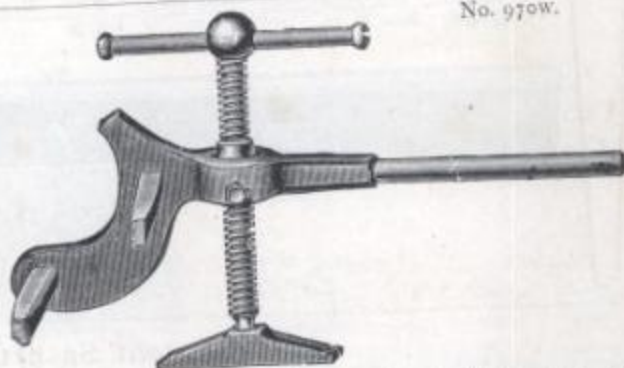
No. 969w.



Malleable Iron Frame, with Malleable and Wrought Iron Working Parts.

Capacity, 2 to 4½ in. Joists.

Price 16/6 each.



No. 970w.

Best Wrought Iron throughout. To grip joists 1½ to 3½ in.
Price 15/- per pair.

These Cramps are supplied in pairs (one right- and one left-hand).
If required singly, it is necessary to state the hand.

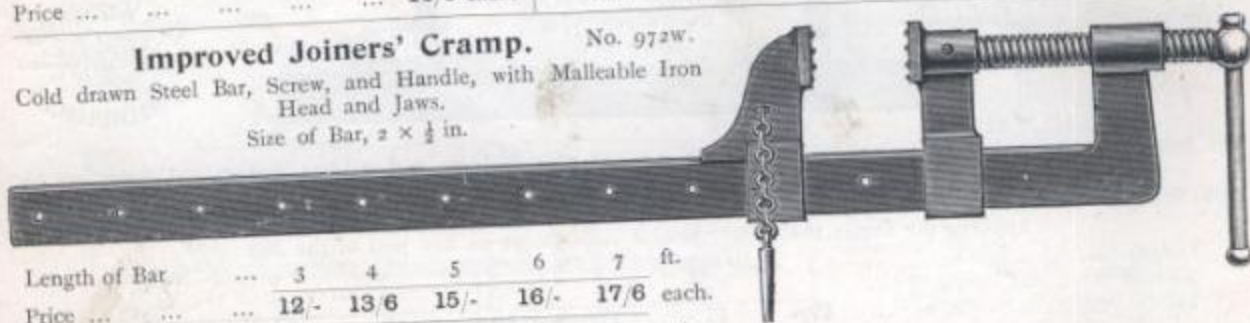
No. 971w. Similar pattern to above, but with double prongs; can be used right or left Price 8/- each.

Improved Joiners' Cramp.

No. 972w.

Cold drawn Steel Bar, Screw, and Handle, with Malleable Iron Head and Jaws.

Size of Bar, 2 × ½ in.

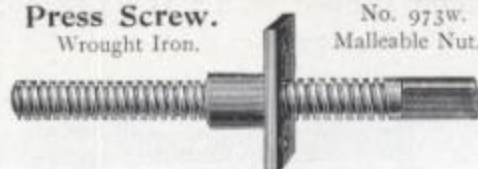


Length of Bar	3	4	5	6	7	ft.
Price	12/-	13/6	15/-	16/-	17/6	each.
Steel Lengthening Bars	6/-	7/6	9/-	11/-	—	extra.

All goods on this page free on rail only, London.

A large and varied Stock of Engineers' Tools and Motor Accessories.

Press Screw.
Wrought Iron.



No. 973w.
Malleable Nut.

Size ...	14 x 1 1/8	16 x 1 1/4	18 x 1 1/2 in.
Price ...	3/3	3/9	6/6 each.

Brake Screw.
All Wrought Iron.



No. 974w. Bright
Screw and Handle.

Size ...	21 x 1	21 x 1 1/8	21 x 1 1/2 in.
Price ...	6/9	7/9	9/6 each.

**Wrought Iron Bench
Screw.**

No. 974 1/2 w.

Double Thread, Movable Collars,
Wood Handles.

Diameter of Thread.

	1	1 1/8	1 1/2 in.
Price	1/9	2/-	2/6 each.

**Best Mild
Steel Bench
Screw.**

No. 975w. Superior make. Malleable Collar and Undernut.

Length ...	15	18	20	22 in.
Diam. ...	1	1 1/8	1 1/4	1 1/2 "
Price ...	4/-	5/-	6/-	9/6 each.

No. 975 1/2 w. **Carpenter's Bench Screw.** Mild Steel
Screw and Handle, Malleable Collar and Nut.

6 x 5/8 in. screw	8 x 5/8 in. screw.	10 x 3/4 in. screw.
2/3	2/6	3/- each.

Bench Screw. No. 976w.

Mild Steel Screw, Handle and Jaws, with
Malleable Iron Body and Nut.

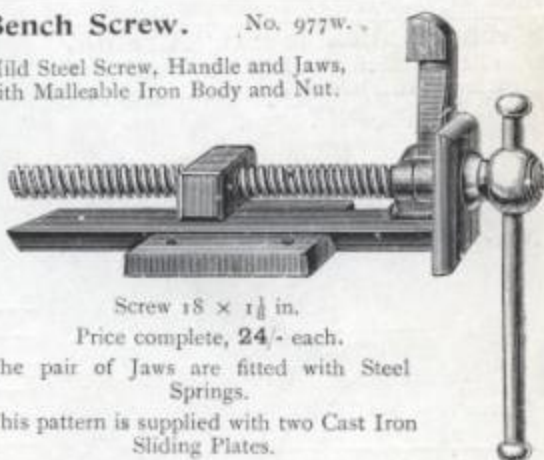
Screw
16 x 1 in.
Price 18/-
complete
each.



The pair of Jaws are fitted with steel Springs.

Bench Screw. No. 977w.

Mild Steel Screw, Handle and Jaws,
with Malleable Iron Body and Nut.



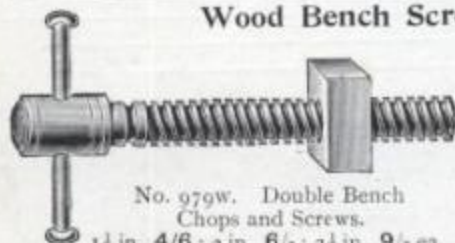
Screw 18 x 1 1/8 in.

Price complete, 24/- each.

The pair of Jaws are fitted with Steel
Springs.

This pattern is supplied with two Cast Iron
Sliding Plates.

Wood Bench Screws.



No. 978w.
English.
2 2 1/2 2 1/4 in.
1/2 1/3 1/4 ea.

No. 979w. Double Bench
Chops and Screws.

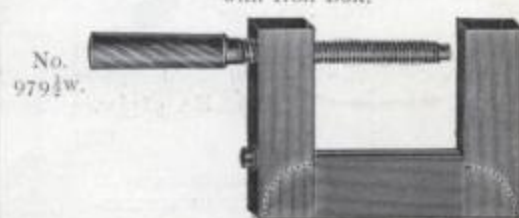
1 1/2 in., 4/6; 2 in., 6/-; 2 1/2 in., 9/- ea. 1/2 1/2 1/2 ea.

Export Orders have the attention of our experi-
enced men, and a wide knowledge of the various
manufactures enables us to execute all foreign orders
and commissions effectively and satisfactorily. We
are always pleased to receive communications from
our clients abroad.

R. MELHUISH, LTD., London, E.C.

Strong Wood Cramps.

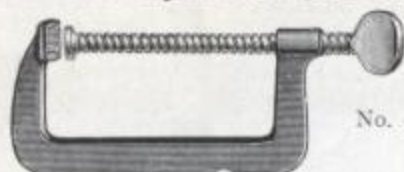
Of Red Beech with White Beech Screw, strengthened
with Iron Bolt.



To take	3 1/2	4 1/2	6	8	10	12 in.
Price	1/-	1/2	1/3	1/6	2/-	2/6 each.

Contractors to the Home, Indian, and Colonial Governments.

Machine-Cut Square Thread Cramps.



No. 980w.

Takes ...	3	4	5	6	7	8 in.
Price ...	1/3	1/8	2/-	2/6	3/-	3/6 each.

All bright Wrought Iron Carving Cramps.

No. 982w.



Takes ...	2	3	4	5 in.
Price ...	-/6	-/7	-/10	1/- each.

Best Japanned Cramps. No. 983w.



Prices: 1 1/2 in., -/6; 2 in., -/8; 3 in., -/9 each.

Strong Malleable "G" Cramp.

With Ball End Screw and Socket Swivel Head to conform to irregularity in work to be cramped.

No. 985w.



Screw is of Steel with heavy square thread.

2	2 1/2	3	4	5	6	8 in.
-/7	-/9	-/11	1/2	1/5	1/10	2/6 each.

Hammer's Adjustable Cramps.



Malleable.

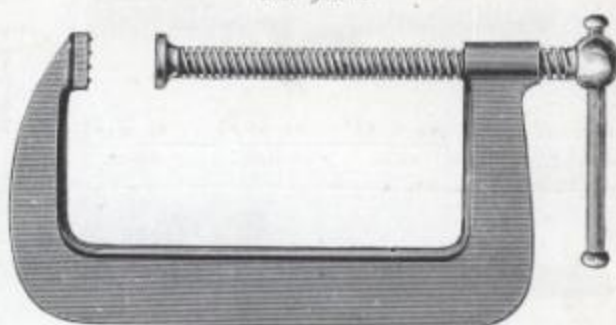
No. 985 1/2 w.

By giving the bolt one-quarter turn to the left, it can be moved its full length out or in; when turning it to the right, it operates like another screw.

Size ...	3	4	5	6	8 in.
Price ...	1/10	2/9	3/3	3/9	4/6 each.

Strong Ribbed Iron "G" Cramp.

With Bright Steel Screw and Vice Handle.
No. 981w.

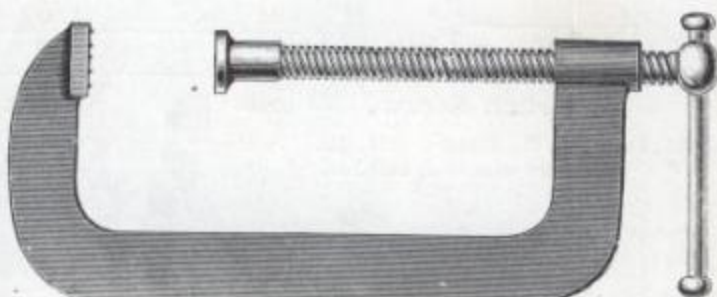


To take ...	5	6	7	8	10	12 in.
Price ...	3/-	3/3	3/9	4/6	5/3	6/3 each.

Strong "G" Cramp.

No. 984w.

With Vice Handle and made entirely from the Best Wrought Iron.



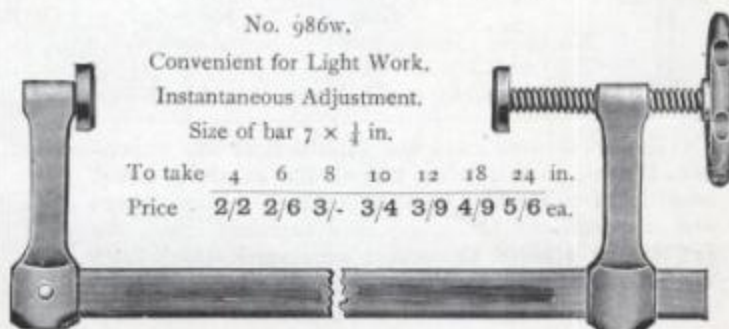
Takes	Made from Iron	Diam. of Screw	Price
4	1 1/2 x 5/8	3/8 in.	3/6 each.
5	1 1/2 x 3/4	7/8 ..	4/- ..
6	1 1/2 x 7/8	1 ..	4/6 ..
7	1 1/2 x 1	1 1/8 ..	5/- ..
8	1 1/2 x 1 1/8	1 1/4 ..	6/- ..
10	2 x 1 1/2	1 3/4 ..	7/6 ..
12	2 x 1 3/4	2 ..	8/9 ..

Adjustable Steel Clamp.

No. 986w.

Convenient for Light Work.
Instantaneous Adjustment.
Size of bar 7 x 1/2 in.

To take	4	6	8	10	12	18	24 in.
Price	2/2	2/6	3/-	3/4	3/9	4/9	5/6 ea.



Bronze Medal, 1884.—Gold Medal 1890.

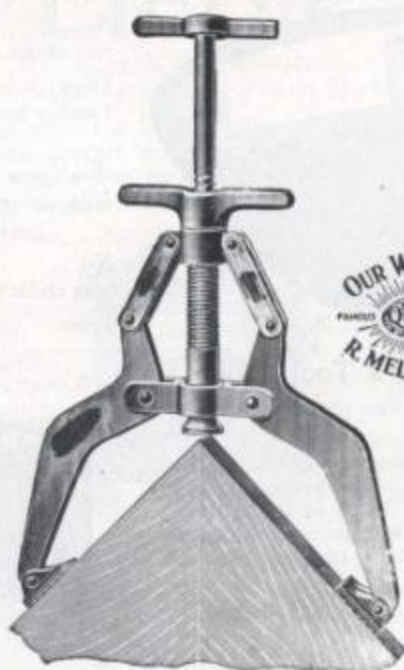
Universal Woodworkers' Cramps.

New Design. Instantaneous Action.

No. 987w.



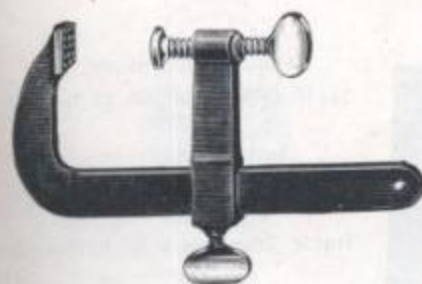
No. 988w.



- No. 987w. Has a single screw which works both arms ... 3/6 each
- No. 988w. Has a double screw; the longer one may be used independently while the two arms grip the work. The wing nut on top locks the arms ... 4/6 "

Sliding Pattern "G" Cramp.

No. 989w.



Easy and quick adjustment.

Firm Grip.

Malleable Iron with Bright Steel Thumbscrews.

To take	Price
.4 in. ...	2/- each.
6 " ...	2/6 "
8 " ...	3/- "
10 " ...	3/6 "
12 " ...	5/- "

Sliding Pattern "G" Cramp.

No. 990w.



Instantaneous Action.

Malleable Iron with Bright Steel Screw.

To take	4	6	8	10	12 in.
Price	2/3	3/-	4/-	4/6	6/- each

Beechwood Hand Screws.

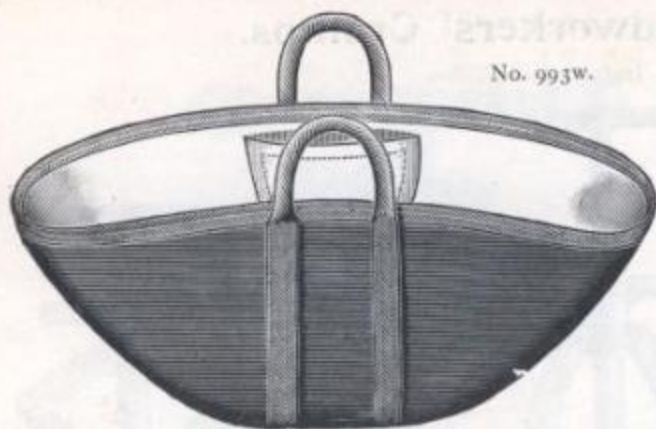
No. 991w.



	8	10	12	14	16	18 in.
Superior Quality and Finish ...	-/9	1/-	1/2	1/4	1/9	2/- each.
Reliable Second Quality ...	-/8	-/10	1/-	1/2	1/4	— "

SPECIAL QUOTATIONS ON APPLICATION FOR QUANTITIES.

Tool, Machine, and Hardware Merchants and Manufacturers.



No. 993w.

Carpenters' Tool Baskets.

No. 992w. **Ordinary Rush Pattern**, lined with stout Sailcloth and bound.

No. ...	1	2	3	4	5	6
Size about ...	24	27	30	33	36	39 in.
Price ...	1/-	1/2	1/4	1/6	1/9	2/3 each.
Leather lined	—	—	3/6	4/-	5/-	— "

No. 993w. **Superior Hardware Tool Baskets**, made of Strong Brown Canvas with White Sailcloth lining and Cocoa binding, as illustrated.

No. ...	1	2	3	4	5	6
Size about ...	24	25	29	31	34	36 in.
Price ...	1/6	1/9	2/-	2/3	2/6	3/- each.

Improved Pattern Fitter's Tool Bag.

No. 994w. Three inches shorter than the old-fashioned Tool Bag.

Placed or carried in any position without loss of tools. No projecting saws. No exposure of tools. Neat proportion and ample capacity for all-round purposes. Made in strong dark Canvas, lined with strong dark material, with specially stiffened sides and bottom, which prevent any bulging of tools.

Strong Handles and Straps.

Inside measurement 33 x 10 x 7 in. Suitable for all Saws.

Price ... 9/6 each.

No. 994w.



No. 995w.

Carpenter's New Hand Tool Case.

Made of selected Hardwood, with panelled sides and handsomely finished.

Furnished with Brass Lock, Leather Handle with Rings for Strap to pass over shoulder, Metal Clasps and Corners, Saw Rack for holding 4 Saws, including a 28 in. Rip Saw, Hooks for Brace, etc. Wood Bottom for Try Square, partitioned Tray for Bits, Chisels and small Tools, space in bottom to hold Planes, Levels, etc., and will take a Steel Square with an 18 in. Tongue.

Note.—To put Steel Square in Case, place it at back of Tray with end of body and end of Tongue resting on bottom of Case.



Outside Dimensions:—

34½ in. long, 6 in. wide, 17 in. deep.

Inside Dimensions:—

33 in. long, 5 in. wide, 15½ in. deep.

Inside Dimensions of Removable Tray:—

32½ in. long, 4½ in. wide, 1½ in. deep.

Weight (empty) about 15 lb.

Price 38/6 each.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

A LIQUID GLUE.
ALWAYS READY FOR USE.

LEPAGE'S GLUE

NO HEATING.
NO GLUE POTS.

IT MENDS EVERYTHING—

WOOD, IRON, LEATHER, EARTHENWARE, IVORY, BRIC-A-BRAC, CHINA, GLASS, FURNITURE, ETC., ETC.

The advantages of this Liquid Glue are found in the saving of labour, time, and fuel necessary for preparing ordinary glues, which lose a part of their strength with every cooking. Our famous Liquid Glue will cover much more than the best animal glues. To secure the best results, it should be applied with a short, stiff brush or spatula and rubbed off to a very thin coat (the less glue the better).



No. 996W.
Liquid Glue
In patent pin-sealing Tubes with pin.
To open push pin through the hole; after using leave pin in Tube.
Price -/6 each.

In Tin Cans.

No. 997W.

1/2 Gill,
Price -/9.

1 Gill,
Price 1/-

1/2 Pint
Price 1/3.



1 Pint,
Price 2/3.

1 Quart,
Price 3/6.

1/2 Gallon,
Price 8/-

1 Gallon,
Price 12/6.

All Glues Carriage Forward.

No. 998W.

Liquid Glue
In Glass Bottles with Cap and Brush.

Price -/5 each.



	Per lb.	7 lb.	14 lb.	28 lb.	1 cwt.
Best Scotch Glue	-/7	3/9	7/-	12/10	42/6
French Medal Glue	-/6	3/-	5/9	10/6	39/-
Marine Glue	...	1/- per lb.	In 1 and 2 lb. tins.		

Gelatine Glue

	Per lb.	7 lb.	14 lb.	28 lb.	1 cwt.
Gelatine Glue	-/10	5/3	10/-	19/-	65/-
Russian Glue	-/11	5/9	10/6	20/-	70/-

Iron Glue Pots.

Tinned inside linings.

No. 999W.



No.	Holds Pints.	Price.	No.	Holds Pints.	Price.
8/0	1/8	-/9	3	2	3/-
6/0	1/4	-/11	4	2 1/2	3/6
4/0	1/2	1/3	5	3	4/3
3/0	3/4	1/4	6	3 1/2	4/9
2/0	1	1/8	7	4	5/6
0	1	1/10	8	5	6/6
1	1 1/4	2/1	9	6	7/6
2	1 1/2	2/6	10	8	9/-

Glue Pot with Spirit-Lamp and Brush.

No. 1000W.



In neatly lacquered iron with Copper Glue Kettle.

SMALL SIZE.

5 1/2 in. high x 3 1/2 in. diameter.
Price ... 1/9 each.

LARGE SIZE.

6 in. high x 4 in. diameter.
Price ... 2/6 each.

Copper Glue Pots.

No. 1001W.



Recommended as being clean and light and quickly heated over a gas or spirit lamp.

No.	Holds Pints.	Price.	No.	Holds Pints.	Price
1	1/8	1/2	6	1	4/-
2	1/4	1/6	7	1 1/2	4/6
3	1/2	2/-	8	2	5/-
4	3/4	3/-	9	3	6/9
5	1	3/6	10	4	9/3

A large and varied Stock of Engineers' Tools and Motor Accessories.

No. 1002W.

Saw Set.

For Hand, Back, Web, Wood, and Small Circular Saws not thicker than 18 Gauge. Can be operated by the foot, thus leaving the hands free to guide the Saw; or used by striking the top with a light Mallet.



Price 3/3 each.

Patent Bronzed Punch Saw Set.



No. 1008W.

Price 4/6 ea.

This section of our Catalogue contains the leading lines in Woodworkers' Tools, Machines and Accessories. Other sections embracing Engineers' Tools, Machinery and Appliances, Electrical Goods, Motor Tools, Horticultural and Estate Agents' Tools, Builders' and Furnishing Ironmongery, etc., etc., will be posted on application.

No. 1003W. Beech Handled Saw Sets.



With Turn-screw End . -/9 ea.
Without Turn-screw End . -/8 "

No. 1004W.

With Sliding Gauge.

Price... 1/3 each.



Bright Saw Set.



No. 1005W.

8 10 slit.

Price ... -/6 -/8 each.

No. 1006W.

Pit Saw Set.

Bright, 1/9 each.



No. 1007W. Band Saw Soldering Device.



Price ... 7/6 Lamp 14/6 Extra.

No. 1009W. Saw Setting Machine.

Inexpensive, practical, and can be used screwed up in a vice, or bolted to any convenient place.

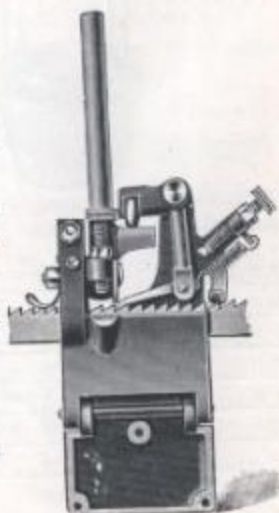
It is strong, rigid, very easy to work, and sets Saws with any space of tooth quite accurately, no matter how irregular the teeth may be.

The feeding arrangement is exceedingly simple, and when set in accordance with instructions, a youth can easily set 16 feet of Bandsaw in about three minutes.

Every Machine is carefully tested before leaving the Works, and is fully guaranteed to work satisfactorily if instructions be followed.

PRICES.

- | | | |
|--------|--|------------|
| No. 1. | To set Saws from $\frac{1}{8}$ to $1\frac{3}{4}$ in. wide. | |
| | Weight about 6 $\frac{1}{2}$ lb. | 31/- each. |
| " 2. | To set Saws from $\frac{1}{8}$ to $2\frac{1}{4}$ in. wide. | |
| | Weight about 11 lb. | 42/6 " |



Contractors to the Home, Indian, and Colonial Governments.

Saw Sets.

No. 1010W.



Ordinary pattern for Saws up to 16 gauge ... 2/3 each.

No. 1011W.



Extremely compact and adjustable for the widest Handsaws, etc., down to $\frac{1}{2}$ in. and not over 16 gauge, 3/3 each.

No. 1012W.



For the largest Saws down to $\frac{3}{8}$ in. wide and not over 16 gauge ... 3/6 each.

No. 1013W.



For Handsaws, etc., any width and not over 16 gauge, 3/6 ea.

No. 1014W.



6 $\frac{1}{2}$ in., with lock nut, dust proof, and anvil gauged to take the largest Handsaws, etc., down to $\frac{1}{2}$ in. and not over 16 gauge ... 3/9 each.

No. 1015W.

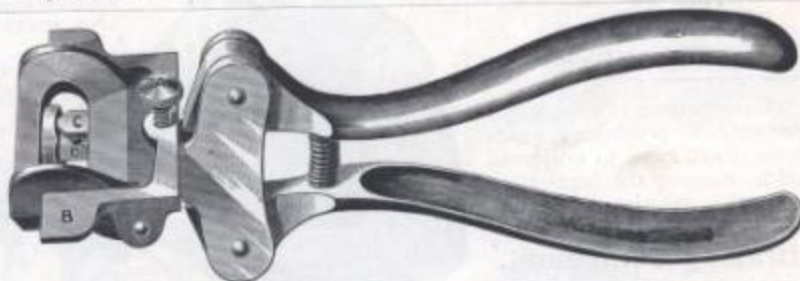


- A. For Cross-cut and Circular Saws, single tooth, from 14 to 20 gauge ... 4/9 each.
B. For Timber and Board Saws, 6 to 14 gauge ... 7/- "

No. 1016W. The "Triumph."

The chief feature of this design is the introduction of two plungers in place of one. The lower plunger holds the Saw rigidly in position whilst the upper one sets the teeth.

PRICE:
4/- each



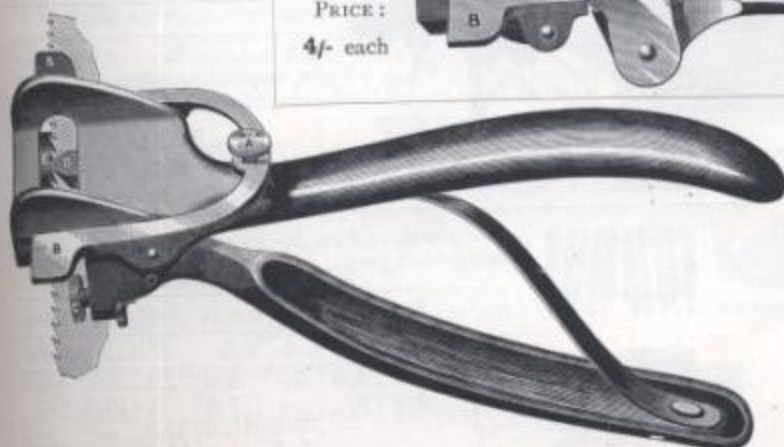
The "Monarch."

No. 1017W.

This design differs from all others in that the Die is rounded, fitted to the set with a screw and finished with four bevelled edges of different depths, suitable for adjustment to set teeth of varying sizes.

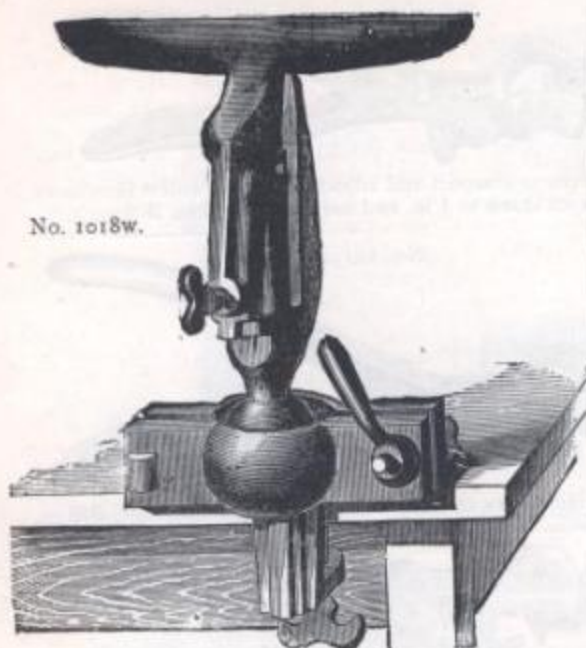
PRICE:

Japanned ... 2/6 each.
Polished ... 3/6 "



Bronze Medal, 1884.—Gold Medal, 1890.

Saw-Filer's Vice.



No. 1018W.

The particular feature of this Saw-Filer's Vice or Clamp is the Improved Adjustable Ball and Socket Joint by which the user is enabled to work with his saw held at any angle or square.

Length of Jaw, 9½ in.
Price 4/6 each.

No. 1019W.
With Hinge Joint, 3/-

This apparatus is exceedingly handy both for preparing the ends of the Band Saws to be joined and for filing up the braze afterwards, thus ensuring neat work.

Brazing Compound.

No. 1022W.

More effective than borax, as it causes the brass to melt more quickly. Borax invariably leaves

Patent Corrugated Saw-edge Fasteners.

No. 1023W.

These can be driven with or across the grain on any class of timber—either hard or soft wood—and are admirably adapted for repairing cracked boards, making joints, securing

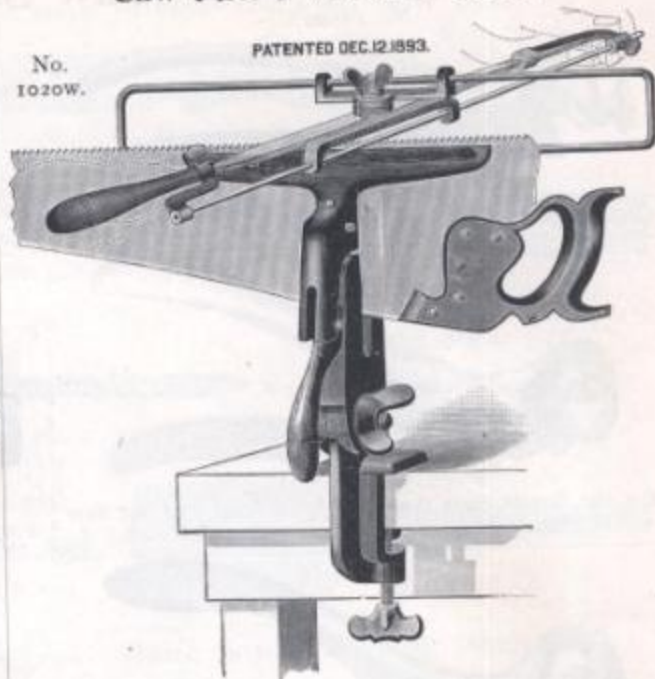
Band-saw



Filing Stand.

No. 1021W.

Saw-Filer's Vice and Guide.



No. 1020W.

PATENTED DEC. 12, 1893.

With Swivel attachment marked at proper positions for filing teeth to correct shape. Specially designed to assist those unskilled in the method of Saw Filing to sharpen a saw properly.

Price of Guide, Clamp, and Handle complete in Box, 7/6

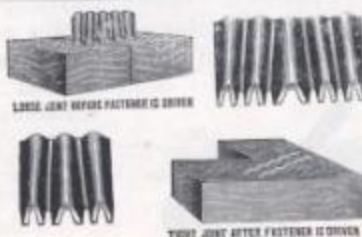
PRICES:

- No. A. For Saws up to 1½ in. wide, 6/6
" B. For Saws 1½ to 2¼ in. wide, 9/6
" C. For Saws 2¼ to 5 in. wide, 23/6

hard spots on the saw, this does not, and thus effects a great saving in files and labour.

Price ... 1 lb. tins. 2/- ½ lb. tins. 1/3 ea.

Carriage Forward.



LOOSE JOINT BEFORE FASTENER IS DRIVEN

TIGHT JOINT AFTER FASTENER IS DRIVEN

glue joints, making up widths from narrow wood, fixing mitre joints, etc., etc.

No. of Corr.	PRICE PER THOUSAND.						Inches in Depth.	
	¼	½	¾	1	1½	2	1 in.	
3	3/9	4/6	5/-	6/3	7/6	—	—	—
4	4/9	6/-	—	7/6	—	10/6	—	—
5	—	—	7/6	10/6	11/3	—	—	—
6	—	—	9/6	—	13/6	—	16/6	—

Tool, Machine, and Hardware Merchants and Manufacturers.

"Eclipse" Band Saw Sharpener.

No. 1024W.

By means of this Machine all the Teeth are sharpened **uniformly**, and in but a fraction of the time occupied by the cumbersome methods of filing.

No. 1 will sharpen Band and Hack Saws at the rate of **about Four Feet per minute**.

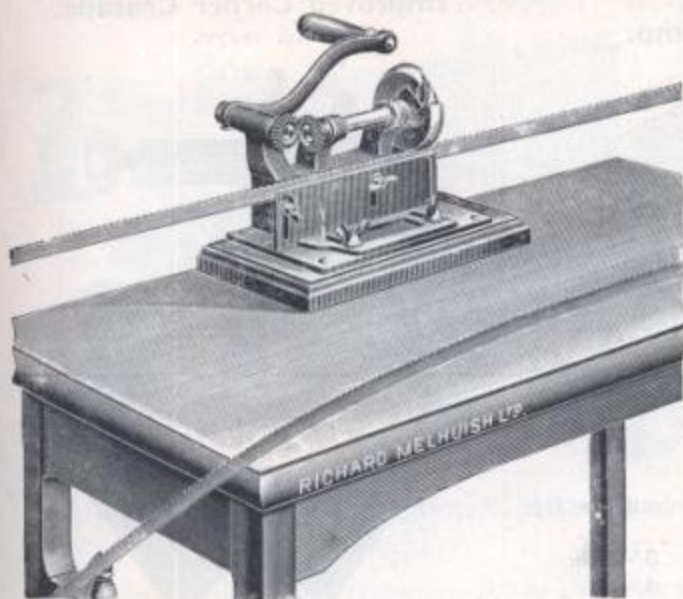
No. 1. For Band Saws, etc., up to 1½ in. wide ... £2 : 0 : 0

No. 2. For Band Saws, etc., up to 3¼ in. wide ... £3 : 8 : 0

No. 3. Also arranged with both Hand and Belt Drive, for all sizes, to sharpen Band Saws, Hack Saws, and Circular Saws. Price, including 3 Cutters, one for each type of Saw ... £7 : 10 : 0

Spare Cutting Wheels.

For Nos. 1 and 2 ... 5/- each.
For No. 3 ... 7/- "



Note.—A File costing about 1/6 will not sharpen more than 2 Band Saws. A Cutter costing 6/6, including one re-setting, will sharpen approximately 70 Band Saws.

Automatic Band Saw Sharpener.

No. 1025W.

Very compact, and can be fixed vertically to a post or a wall. The adjustable pulleys, working on a cog wheel, allow it to be driven from any direction, and it is therefore practically adaptable to any position in the workshop.

The file cuts on the backward stroke and travels at twice the speed on the forward stroke; a high speed and a considerable saving in files is thus effected.

There is no intricate feeding arrangement to get out of order; the file itself, just before starting the cut, lifts the tooth into position; the teeth consequently come automatically into the correct position, even when they are irregular, and the tops cannot therefore be damaged.

The machine takes saws from ½ in. to 2½ in., and with the pulleys making 120 to 130 revolutions it will sharpen 60 to 65 teeth per minute.

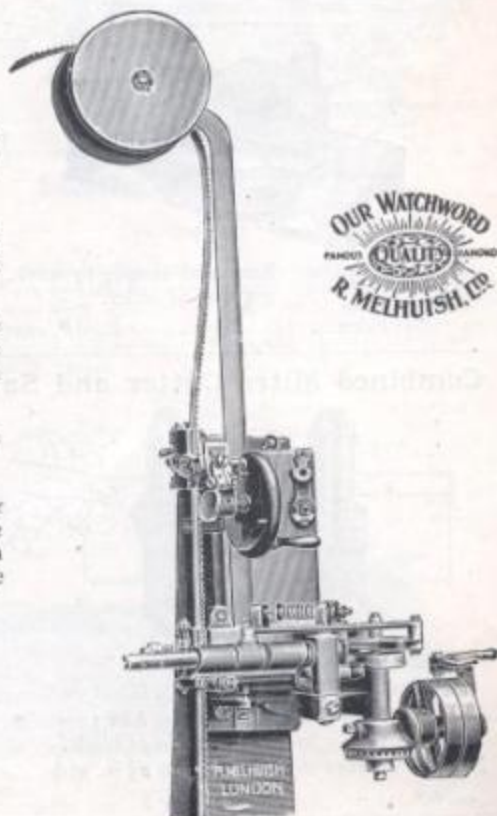
Once the saw is fixed and the machine started, no attention whatever is required until the saw is finished. The pressure of the file and the depth of feed can easily be adjusted by the turn of a screw, even when the machine is at work, and the file can be turned to suit any angle of tooth.

Can easily be worked by a youth.

Every Machine Fully Guaranteed.

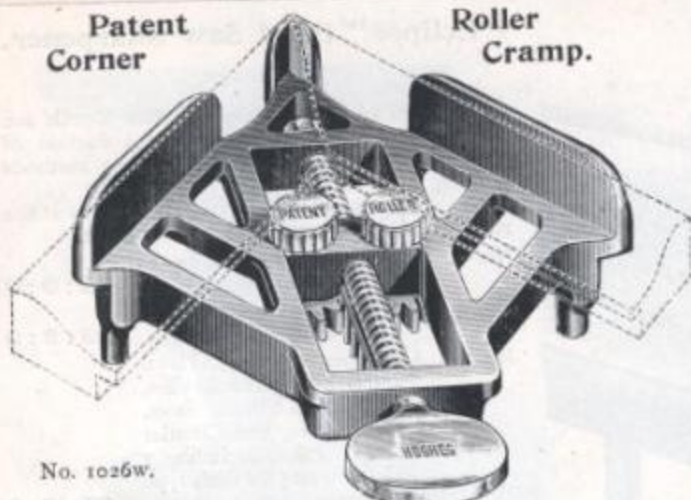
Price complete with 6 Files ... £10 : 5 : 0

Extra for Setting Apparatus, as shown in illustration ... £2 : 17 : 6



Orders of 20/- and upwards Carriage Paid (with few exceptions).

**Patent
Corner**



No. 1026W.

Easy and simple to use. Perfect joints obtained without trouble.
Cannot get out of order.

No. 1.	Takes Mouldings up to 2½ in. wide	...	3/- each.
" 2.	" " " 4 " "	...	4/- "

**Roller
Cramp.**

Improved Corner Cramps.

No. 1027W.



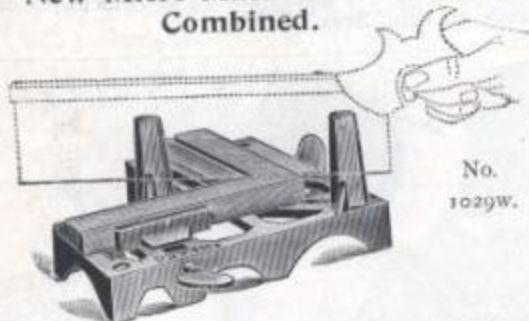
	No. 1	2	3
Takes Mouldings ...	1½	2½	4 in.
Prices ...	1/2	1/5	2/- each

No. 1028W.



Takes Mouldings ...	2	2½ in.
Prices ...	-/8	1/- each.

**New Mitre Machine and Cramp
Combined.**



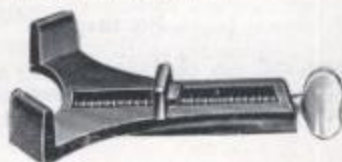
No.
1029W.

No loose parts. Easy and simple to work. Cannot
get out of order.

Price ... 8/- each.

Corner Cramp.

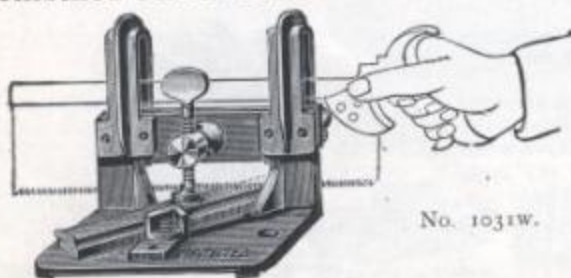
Cast Iron Body and Jaw, Steel Screw.



No. 1030W.

	No. 1	2	3
Takes Mouldings ...	1½	2	4 in.
Prices ...	-/9	1/2	1/9 each.

Combined Mitre Cutter and Saw Vice.



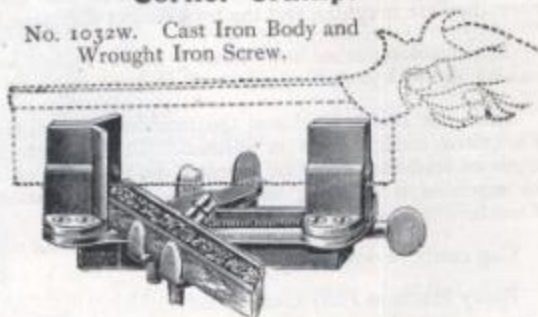
No. 1031W.

The above will take either a Hand or Tenon Saw.
The two plates through which the Saw passes are adjustable
to any thickness of blade.

No. 1.	To take in Mouldings to 2½ in. wide	...	8/6 each.
" 2.	" " " 5 " "	...	13/6 "

**Combined Mitre Saw Guide and
Corner Cramp.**

No. 1032W. Cast Iron Body and
Wrought Iron Screw.



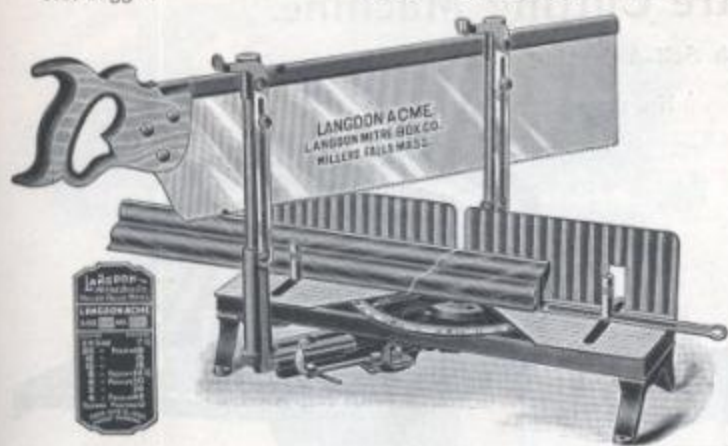
For use first as a Mitre Saw Guide then as a Cramp for
securing the Mouldings whilst nailing together.

No. 1.	Takes Mouldings up to 2½ in.	...	9/6 each.
" 2.	" " " 5 " "	...	12/9 "

A large and varied Stock of Engineers' Tools and Motor Accessories.

No. 1033W.

The "Langdon" Acme Mitre Box. Polished Parts Nickel-Plated.



In addition to the usual features, this design has the guides an inch longer than usual and a graduated arc in front (see illustration). It also has a Metallic Index Plate with degrees marked thereon, and the Steel Bottom Boards are roughened to prevent work from slipping.

Saw.	Capacity at Right Angles.	Capacity at Mitre.	Prices.
22 in. x 4 in.	7 1/2 in.	5 in.	42/-
24 " x 4 "	7 1/2 "	5 "	44/-
26 " x 4 "	7 1/2 "	5 "	46/-
22 " x 4 "	10 1/2 "	7 "	46/-
24 " x 4 "	10 1/2 "	7 "	48/-
26 " x 4 "	10 1/2 "	7 "	50/-

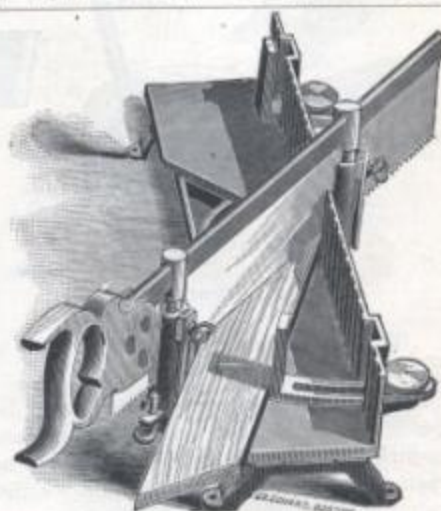
Improved "New Langdon" Mitre Box.

No. 1034W.

This pattern cuts, by means of the Circular Arms or Guides, from right angles to 75 degrees on 2 1/2-in. wood, whereas the ordinary Mitre Box cuts only from right angles to 45 degrees.

Saws are measured extreme length of blades. For the convenience of operator the corner of blade under the handle is clipped off.

Saw.	Cuts at Right Angles.	Cuts at Mitre.	Price, including Saw.
No. A ... 18 in. x 4 in.	6 1/2 in.	4 1/2 in.	36/-
" B ... 22 " x 4 "	6 1/2 "	4 1/2 "	42/-
" C ... 24 " x 4 "	9 1/2 "	6 1/2 "	47/-
" D ... 28 " x 5 "	9 1/2 "	6 1/2 "	58/-

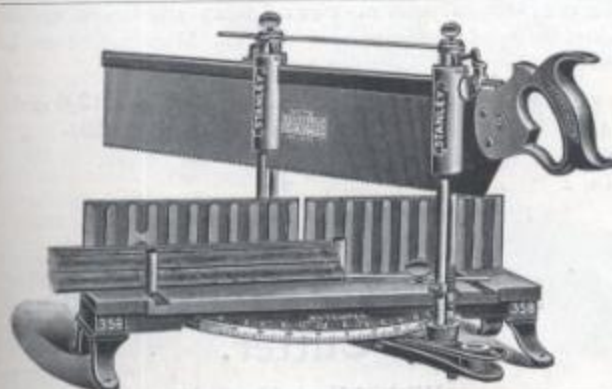


Stanley Mitre Box.

No. 1035W.

Frame in one piece, with detachable Malleable Legs. Strong, accurate, compact, durable, and possesses the following advantages: Saw is held above work when not in use. Swivel is automatically locked at any angle. Stock Guides for holding work in place or as length gauges for duplicating work. Extra wide range of work—will saw at angle of 30 degrees.

No.	Saw.	Cuts at Mitre 45°.	Cuts at 30° without Guide.	Price with Disston's Saw.
A ...	20 in. x 4 in.	5 1/2 in.	3 1/2 in.	£2 : 3 : 9
B ...	24 " x 4 "	5 1/2 "	3 1/2 "	2 : 5 : 0
C ...	26 " x 4 "	6 1/2 "	4 1/2 "	2 : 11 : 0
D ...	30 " x 6 "	7 1/2 "	5 1/2 "	3 : 6 : 0



Mitre Box Saw.

No. 1036W.

Accurately made and of the finest quality.

Specially designed for use with the "Langdon" and other Mitre Boxes.

All these Saws have eleven points to the inch.



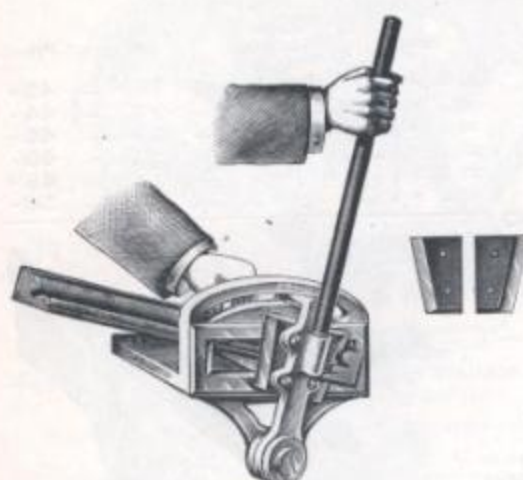
Full length of Blade	20	24	28	30 x 4 in.
Price	7/6	8/6	9/6	10/6 each.

Contractors to the Home, Indian, and Colonial Governments.

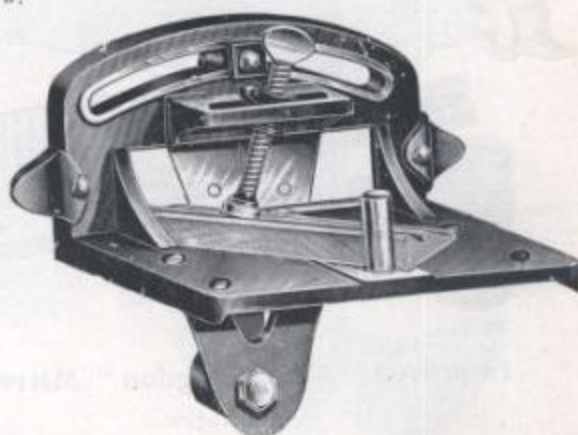
Patent Mitre Cutting Machine.

With Self-Adjusting Screw.

No. 1037W.



Front View.



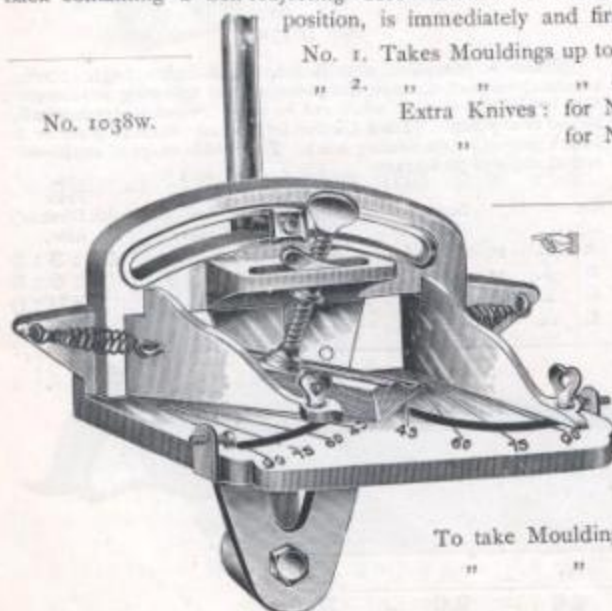
View showing Attachment at back to keep the Moulding perfectly immovable.

This pattern has all its working parts machined, and is a perfectly true and accurate tool for producing an angle or mitre of 45 degrees.

The Cutter-Arm carrying the knives is jointed and held down in a Quadrant, and, while the Arm works freely it is impossible for the knives while operating to leave the face of the machine. The Knives themselves are ground up perfectly true after hardening; they are made in two halves, each half being held in position by two screws which, when released, enable either the right- or the left-hand blade to be removed, sharpened and replaced without interfering with any other part of the machine.

In order to prevent the Moulding moving whilst being cut, each of these machines has an attachment at the back containing a Self-Adjusting Screw fitted with an indiarubber pad; by means of this the Moulding, when in position, is immediately and firmly held. (See illustration.)

No. 1038W.



No. 1. Takes Mouldings up to $2\frac{1}{8}$ in. wide	...	...	...	Price 12/6 each.
" 2. " " " $4\frac{1}{4}$ "	...	...	...	" 21/- "
Extra Knives: for No. 1	...	...	...	3/- per set of two.
" for No. 2	...	...	...	4/- " "
Packing Case, 9d. and 1/- each.				

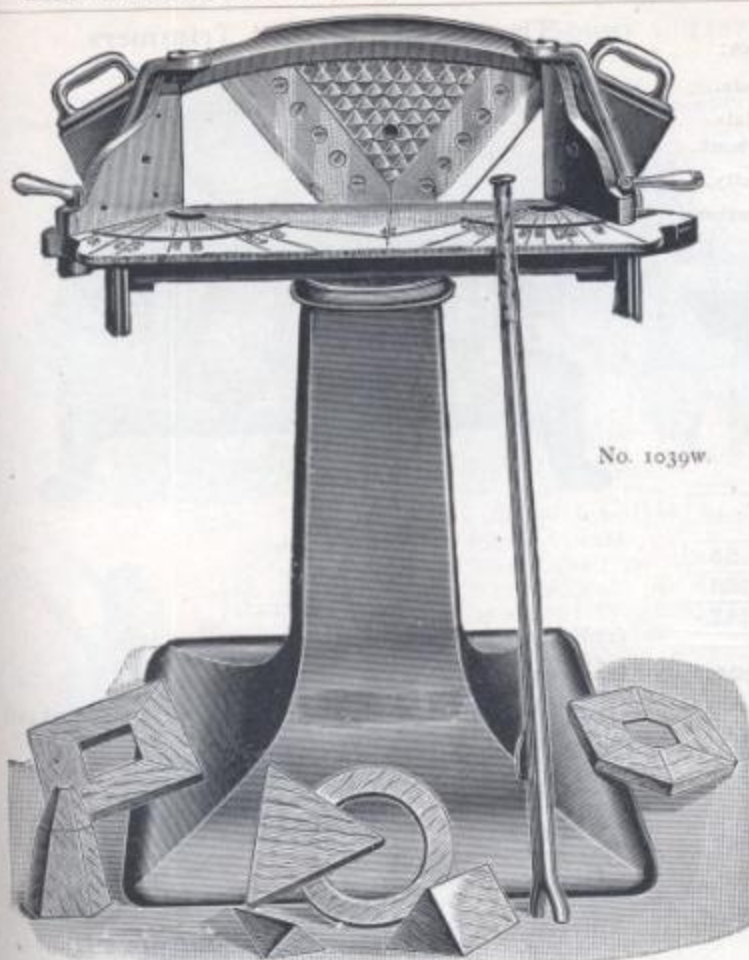
Improved Patent Mitre Cutter.

With Adjustable Guides.

This machine possesses all the advantages of the pattern shown above, and, in addition, as will be seen from the illustration, the Guides are adjustable to any angle. The face of the machine is marked for setting the angles to 45°, 60°, 75° and 90°.

To take Moulding or Timber up to $3\frac{1}{2}$ in. wide, at 45 degrees	Price 35/-
" " " " 5 " " " 90 " "	each.
Packing Case, 1/- extra.	

Bronze Medal, 1884.—Gold Medal, 1890.



Perkins' Draw-Stroke Trimmer.

For use on Bench or Stand.

In this Trimmer the knife has a drawing (or shaving) as well as a shearing cut, and the lightest shaving for finishing a joint may be taken off, thus dispensing with the plane. The machine has Adjustable Gauges for duplicating work and for irregular surfaces, and the Swinging Gauges or Wings determine the angle to be cut without the use of try-square or straight-edge. Vertical and horizontal lines are cut accurately without testing or measuring.

A Size.

Bed	23 in. x 8 in.
Will Double Mitre ...	5 1/4 in. wide.
„ Trim	7 „ „
Price	£4:15:0
Stand. £1:16:0 extra.	

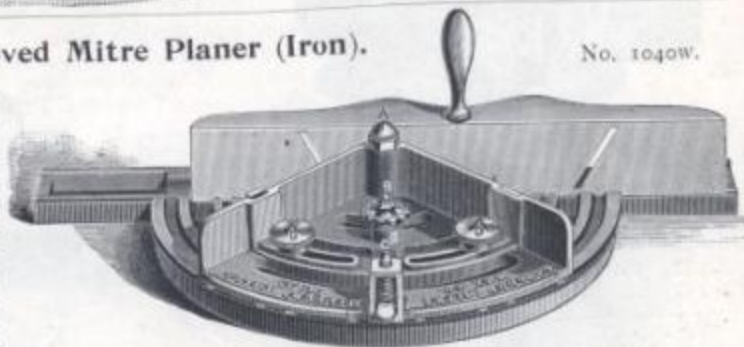
B Size.

Bed	33 in. x 12 in.
Will Double Mitre	...	...	7½ in. wide.
" Trim	...	...	11 " "
Price	...	...	£9 : 10 : 0
Stand,	£2 : 8 : 0	extra.	

Carriage Forward.

Improved Mitre Planer (Iron).

No. 1040W.



For planing at any desired angle on straight or curved work. The plane runs on a way at rear of bed-plate, and the material to be planed is guided by the movable Quadrant swinging on pivot A. When the Quadrant is in the centre of bed-plate its side elevations form an exact mitre, so that no change is required in planing the ends of parts for frames of four sides. In the sides of the Quadrant are two adjustable Guides or Rests, kept in position by Set-screws, D, D. The special objects of these rests is to enable one to finish the ends or angles on curved work with exactness.

In preparing pieces for circular or oval work, frames, emery wheels, circular patterns, etc., it is necessary to plane the ends of the various segments at varying angles. In planing these, the point of the Quadrant, near the Plane, and the adjustable Guides form the rests required for accurate work.

DIMENSIONS AND PRICES.

DIMENSIONS AND PRICES.										L	S.	d.
With Plane Iron, 2 in. wide										4	3	6
15	15	15	3½	15	15	15	15	15	15	5	4	2
15	15	15	4	15	15	15	15	15	15	6	5	0

Extra Plane Iron, 2 in., 7/6; 3½ in., 9/6; 4 in., 11/6

Tool, Machine, and Hardware Merchants and Manufacturers.

**The
"Economical"
Wood
Trimmer.**

No. 1041W.



Special Features:

- English made.
- Best Materials throughout.
- Large Capacity.
- No Complications.

Title.	Length of cut.	Height of cut.	Size of bed.	Weight.	Price.
Economical	7 in.	4 in.	17 x 7½ in.	28 lb.	55/-
No. 1.	9 "	5 "	21 x 9 "	56 "	105/-
No. 2.	11 "	6 "	27 x 11½ "	115 "	147/-

The Improved Patent Trimmer.

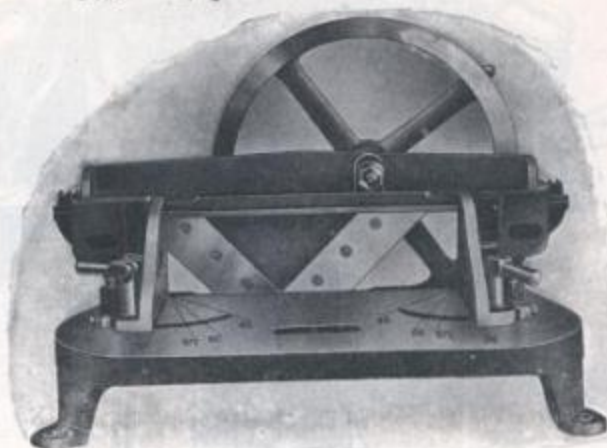
English workmanship throughout, and warranted one year. In this design the fly wheel is extra heavy and the knife slide is an oblong frame giving a 20 in. bearing.



No. 1043W.

No. 1.	Cuts 16 x 5½ in. ...	Price £13 : 13 : 0
No. 2.	Cuts 17 x 4 in. ...	" 12 : 12 : 0

The "Rapid" Wood Trimmers.

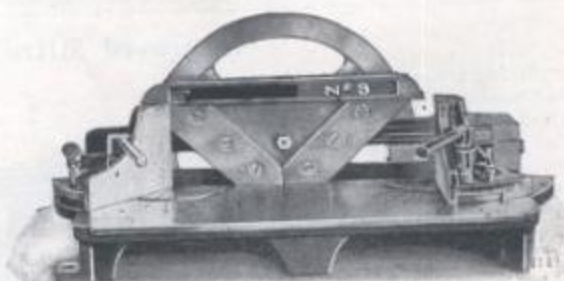


No. 1042W.

SPECIAL FEATURES:

- (1) English manufacture throughout.
- (2) Large capacity and low price.
- (3) The knife slide is propelled by means of a fly wheel and a cut steel rack.

Length of cut ...	13 in.	Size of bed 22½ x 9 in.
Height of cut ...	4 in.	Weight ... 82 lb.
Price ...	£6 : 6 : 0	Stand ... 22/6 extra.



No. 1044W.

This pattern has all the special features of the above, but in addition it takes all angles from 30° to 135°.

Length of cut ...	11 in.	Size of bed 27 x 9 in.
Height ...	4 in.	Weight ... 135 lb.
Price ...	£8 : 8 : 0	Stand ... 22/6 extra.

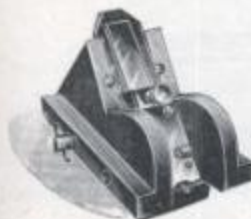
All Carriage Forward.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Patent Mount Cutters.

The Standard Picture Frame Maker's Tool for cutting circular, oval, and rectangular mounts of any dimension. With this machine any one may easily cut mounts superior to those turned out in the old-fashioned way by a skilled workman. Indispensable for the rapid production of mounts in large quantities.

No. 1045W. For cutting square-cornered mounts of any size or shape at the usual bevel.



New Model in Beech, with Nickel-plated Brass Fittings. This pattern has several patented improvements.

Price 9/6 each.



No. 1046W. For cutting circular, oval, and rectangular mounts of any dimensions at the usual bevel.

New Model (embodying several patented improvements) in Beech, with Nickel-plated Brass Fittings.

Price 12/6 each.

Patent Mount Cutters. No. 1047W.

Strongly made in Plated Brass, and well finished. A layer of wood is fixed beneath the metal base in order that the machine may run easily and without injury to the cardboard. The machine is put in position before lowering the knife, which works in a slot. This starts the knife right and keeps it right. No bad corners or crooked lines. The knife can be fixed at any bevel, and draws back when not at work. This protects both knife and mount from injury. With the 4 Guides sent with each machine several hundred different sizes of oval and circular mounts from about 2 in. to 20 in. by 17 in. and any size rectangular can be cut. For the latter the frame is removed. The machine will then follow a straight-edge. Price, with 2 knives and full instructions, 24/-



With Frame in position for cutting Circles and Ovals.

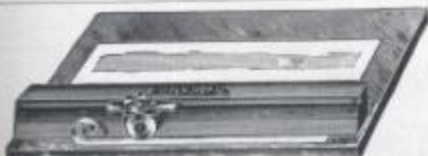


With Frame removed for cutting Rectangles.

Print Trimmer.

No. 1048W.

An entirely new invention for quickly and efficiently trimming photographs, prints, mounting tissues, etc. Thick or thin, wet or dry, and perfectly square. Takes the place of a straight-edge or knife. 8-in. cut, 2/6 each; 12-in. cut, 4/- each. Cutting Board not included.



No. 1049W. Mount Cutter's Straight-Edge.

in. thick.	24 x 1 1/2	30 x 1 1/2	36 x 1 1/2	48 x 2 in.
	2/6	4/-	6/-	9/- ea.
1/2 in. "	24 x 1 1/2	30 x 1 1/2	36 x 1 1/2	48 x 2 in.
	5/6	7/-	9/-	12/6 ea.



Rebating Gauge.

No. 1050W.

For Picture Frames. With Adjustable Knife and Fence. Price ... 1/3 each.



Mount Cutters' Knives.

No. 1051W.

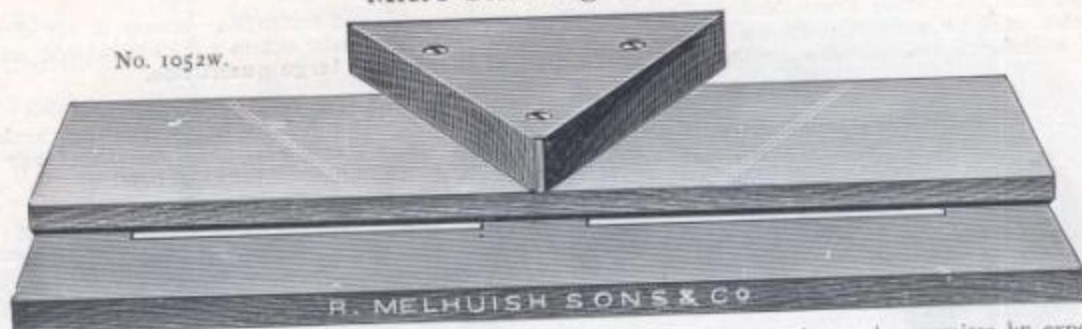
Blades only	... ..	1/6 each.
Handles only, Rosewood with brass ends	... ..	1/3 "
Ditto, Ebony, brass-plated, as drawn	... ..	1/9 "



A large and varied Stock of Engineers' Tools and Motor Accessories.

Mitre Shooting Board.

No. 1052w.

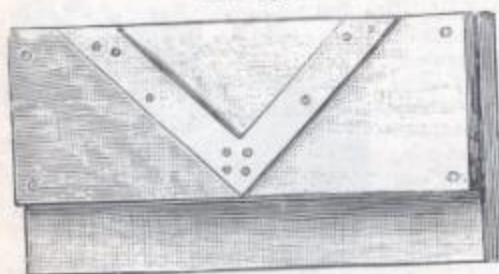


Improved Pattern with Mortised Joints and Outlet for Shavings. These are made on the premises by experienced workmen, and are guaranteed to be strongly and accurately constructed.

Made in Best Selected Basswood, 3 ft. long	...	...	...	...	...	...	Price 5/6 each.
Made in Best Seasoned Wainscot Oak, 3 ft. long	...	...	...	...	...	...	" 8/6 "

Mitre Shooting Boards.

No. 1053w.

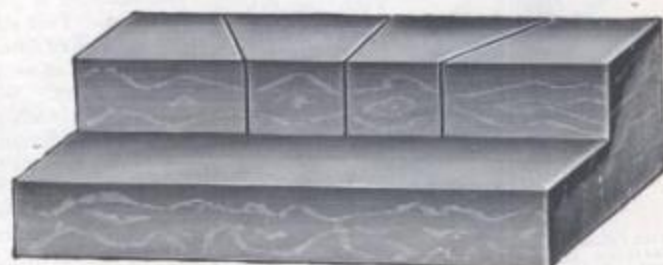


Made of Selected Whitewood.

Size: 24 x 11 in. ... 3/- each.

Mitre Blocks.

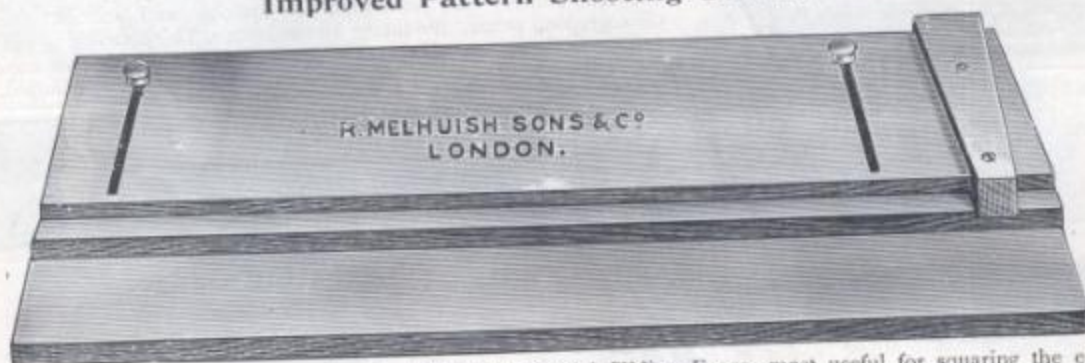
No. 1054w.



Best Beech Mitre Blocks,

9 in., -/10	...	12 in., 1/3	...	16 in., 1/9 each.
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Improved Pattern Shooting Boards.



Improved Pattern Shooting Board with Adjustable Parallel Sliding Fence, most useful for squaring the edges of boards and joints before gluing, and many other purposes.

Price, as illustrated, in Basswood.

	3	4	5	6 ft.
No. 1055w.	6/-	7/-	8/3	9/3 each.
If without Adjustable Fence,	4/-	5/-	6/3	7/3 "

Price, as illustrated, in Oak.

	3	4	5	6 ft.
No. 1055w.	8/-	9/6	11/-	12/6 each.
If without Adjustable Fence,	6/-	7/6	9/-	10/6 "

Contractors to the Home, Indian, and Colonial Governments.

Mitre Shooting Table. No. 1057W. Size 18 x 5 in.

The Metal Table has a carefully machined surface with all the more prominent parts nickel-plated and polished. The Angle Plate is adjustable. This is operated by a Pin, which drops into a hole in the Table, permitting of adjustment to any of the following angles:—15, 22½, 30, 45, 60, 67½, 75, and 90 degrees.

There is also an independent Clamping Screw which, by means of three tapped holes and a radial slot, will secure the Plate at any intermediate angle.

Holes are provided in the sides on the Angle Plate, on which wood blocks may be fixed to support the work for delicate shooting or for special sections.

Price 5/6. Post free 6/3.

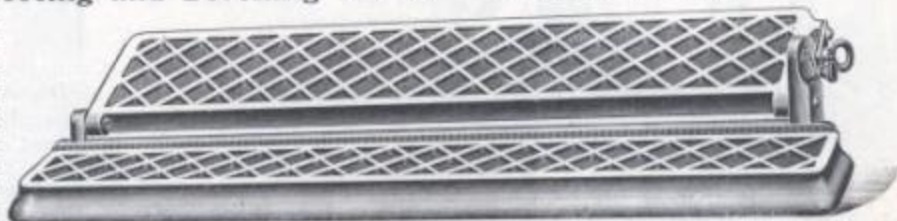


Metal Shooting and Bevelling Table. No. 1058W. Size 18 in.

This tool, while generally similar in design and construction to the above, is for bevelling work. The adjustable Tilting Plate is hinged at both ends, and is regulated by a Quadrant at right hand, as shown. The Quadrant is provided with a pin, which drops into holes at the following angles:—15, 30, 45, 60, 75, and 90 degrees. It is also supplied with a Clamping Plate and Screw, by means of which any intermediate angle may be secured.

The Shooting Table has a machined surface, and all the prominent parts are nickel-plated and polished.

Price 5/7. Post free 5/9.



Mitre Boxes. No. 1059W.



With Malleable Iron Guides adjustable to any gauge of saw. Takes mouldings up to 3 in. wide.

Price ... 2/6 each.

Combined Square and Mitre Template.



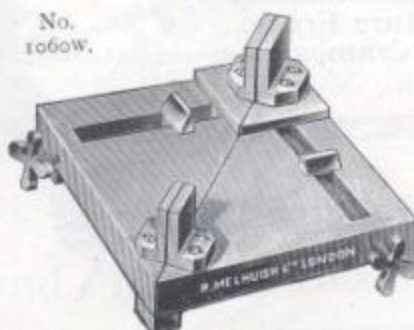
Made in Iron, Japaned.

A new and useful Tool for Mitring or Squaring up the ends of wood, etc.

Price ... 1/6 each.

Melhuish's Combined Mitre Cutter and Cramp.

No. 1060W.



In Beech, fitted with Adjustable Iron Clamp Screws at right angles to each other, so that frame to be cut can be held rigidly in its true position. The

Upright Guide Pieces can be replaced at a cost of a few pence. Takes Mouldings up to 3½ in. wide.

Price ... 6/6 each.

Brass Mitre Templates.

No. 1062W.



Sizes ... 3½ 4½ 6 in.

Prices ... 1/3 1/6 1/9 each.

Square Templates, Beech, -/6 each.

Patent Improved Cramping Machine.

No. 1063W.



In Japanned Malleable Iron. By turning the centre cranked handle the four arms are drawn in and the four mitres are instantly closed and are nailed without a chip, rubbers being supplied with grips for protection.

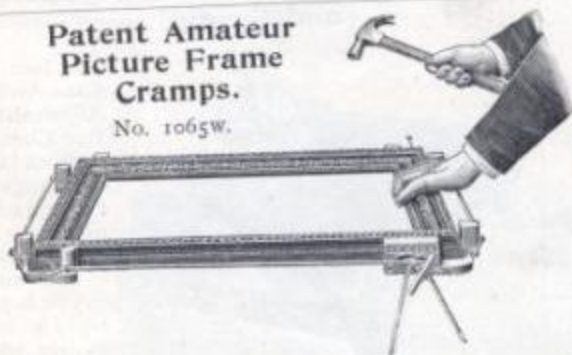
To cramp from 3 x 2 to 36 x 48 in.

Height of Stand, 30 in.

Price 46/- each.

Patent Amateur Picture Frame Cramps.

No. 1065W.



Cramps four corners at once, and holds them as in a vice until nailed.

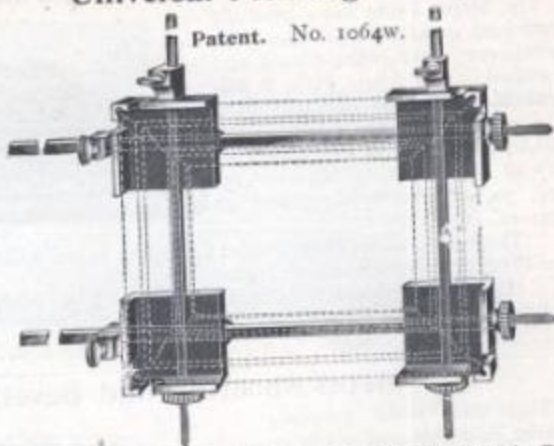
The Corner Grips are strongly made of Hardwood. An iron ratchet wheel and plate is fixed on one grip, and a special strong unstretchable cord is passed through the eyes (fixed in the grips) and lies in grooves in the bottom of grips. The two ends of cord pass through a slot in ratchet handle and are drawn in from both ends so that both ends wind up at once, are screwed up tight, and fixed by the ratchet stopper. The cord is out of the way of nailing, and the grips bear so firmly against the frame that the grips cannot spring from the frame.

Price 3/9, packed in box; Postage -/4.

Carriage Forward.

Universal Framing Cramp.

Patent. No. 1064W.



Best Cast Iron Corner Plates, accurately fitted with Cold Drawn Steel Rods.

This Cramp is specially suitable for round, oval, or square work. It is most effective, and easily and quickly manipulated. The Bars can be supplied any length that may be required for increasing the cramping capacity.

To cramp up to 3 ft. 3 in. square ... 11/6 per set.
" " larger sizes ... extra -/9 " foot.

Four-Corner Chain Cramp.

No. 1066W.

Effective, cheap, and thoroughly recommended. Will take any intermediate size and shape of Frame up to 33 x 27 in.



This Cramp has four metal corner brackets which hold the mouldings securely. Each bracket has a stretcher rod (with screw and wing nut) and a chain, by means of which the mouldings are brought together. By having four separate chains instead of one long one, the necessary pressure may be exercised where it is most required.

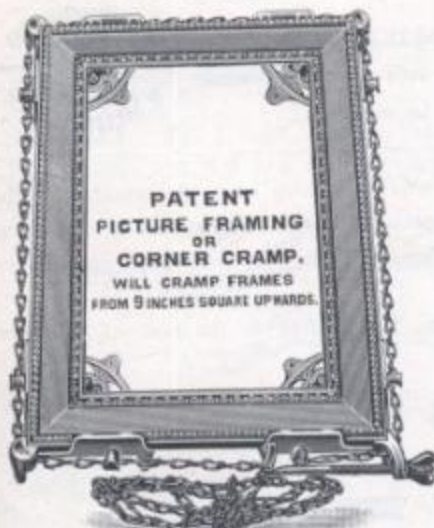
Complete with Four Stops for holding
down moulding 6/- each.
Without Stops 5/- "
Postage -/5 extra.

Tool, Machine, and Hardware Merchants and Manufacturers.

Patent Framing or Corner Cramps.

No. 1067W.

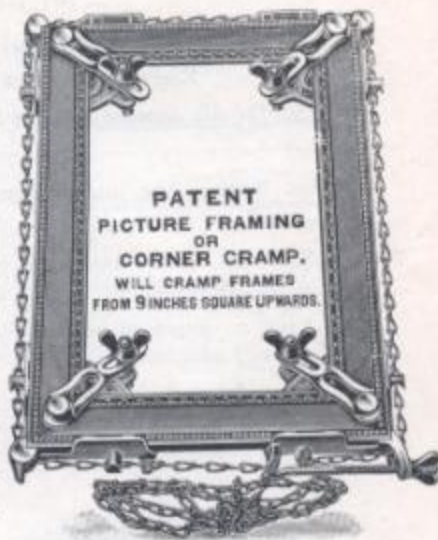
Accurately made, nickel plated, and will cramp from 9 inches upwards, and take in mouldings up to $3\frac{1}{4}$ inches. Each Cramp is supplied with 10 feet of chain.



No. 1. Price, with 10 ft. Chain, 7/6 set.
Postage 7d.

Each set consists of Four Corner Cramps which have projecting lugs with holes through which the Chain passes and surrounds the entire frame. This Chain is operated upon by means of a hooked screw and fly nut. When the Chain is passed round the Frame, the hook is inserted in any convenient link, and then screwed up tightly by means of the hooked screw and fly nut.

No. 2 is supplied with Top Corner Pressure Grips for pressing down the pieces of frame when nailing, and being fitted with rubber underneath, will not damage the moulding.



No. 2. Price, with Top Corner Pressure Grips and 10 ft. Chain, 10/6 set.
Postage 7d.

Adjustable Mitre Box.

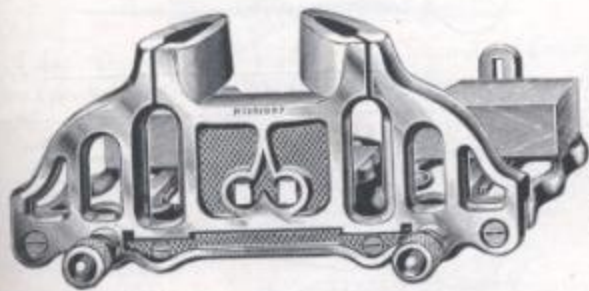
All Iron, and will take Mouldings up to 3 in.

No. 1068W.

In this pattern the Saw Guides adjust themselves to the varying thicknesses of saw blades, and the two grips for holding the moulding firmly while sawing are tightened by means of milled nuts.

When fixing Mitre Box to work bench place front of box level with edge of bench, so as to allow freedom for tightening the adjusting milled nuts. Never attempt to use the Mitre Box until it is firmly screwed to the bench.

Price, 7/6 each. Postage 5d.



Carpenter's Table Bench and Mitreing Block.

No. 1069W.



As a Mitreing Block.

Of thoroughly seasoned Beech, and fitted with two Bench Screw-Jaws, two Iron Stops, and Steel Cramp for fastening to table.



As a Carpenter's Bench.

The Table Bench is fastened to an ordinary table by means of the Steel Cramp, and forms a perfect carpenter's bench (see fig. 2). Fig. 1 shows the Table Bench turned on one side for use as a Mitreing Block. The front bench screw then forms a cramp for fixing to the table.

When not in use it can be hung on the wall by means of the two steel hinges at end of bench. Made in one size only: 36 in. long x 19½ in. wide x 1½ in. thick.

Price 17/6 each.

For Benches and Melhuish's Patent Work-Bench Tool Cabinets, refer to pp. 193-206.

Orders of 20/- and upwards Carriage Paid (with few exceptions).

Wood-Carving Tools.

No. 1071W.

S. J. ADDIS' celebrated make, as supplied to Carving Schools throughout the Country.

SPECIAL TERMS TO TECHNICAL CLASSES.

We hold the largest and best selected stock of Carving Tools in the trade.



Every size and section kept in stock ready for immediate delivery.

All patterns advance by sixteenths up to $\frac{1}{2}$ in., and then by eighths.


PLEASE NOTE:—The prices given herewith are for Carving Tools ground to a sharp edge, but not "set." It will be recognised that it is not possible to keep Tools in stock with specially finished edges without damaging them. As many of our customers prefer to set and buff their own Carving Tools, we send them out (unless ordered otherwise) ground to a sharp edge.

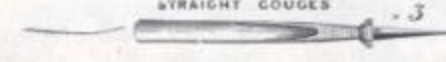

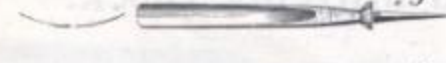

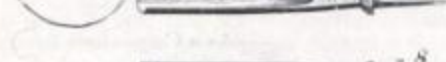

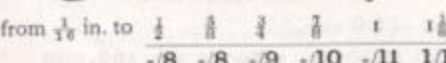
We have an improved method of buffing and setting Carving Tools, and charge at the rate of 1/6 per dozen extra.








Instructors of Technical Classes wishing to grind their own Tools can be supplied in quantities at special prices.

	
FIRMERS No. 1	
	
CORNER FIRMER No. 2	
From $\frac{1}{32}$ in. and all sizes up to	$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ in.
Price ...	... -/7 -/8 -/9 -/10 1/- 1/1 ea.

	
No. 10	
Sizes from $\frac{1}{32}$ in. to	$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ in.
Price ...	... -/9 -/9 -/10 1/1 1/3 1/5 1/9 ea.

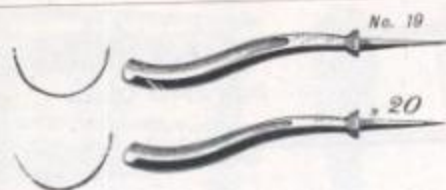
	
No. 11	
Sizes from $\frac{1}{32}$ in. to	$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ in.
Price ...	... -/10 -/10 1/1 1/2 1/4 1/9 2/1 ea.

	
STRAIGHT GOUGES No. 3	
	
No. 4	
	
No. 5	
	
No. 6	
	
No. 7	
	
No. 8	
	
No. 9	
Sizes from $\frac{1}{16}$ in. to	$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ in.
Price ...	... -/8 -/8 -/9 -/10 -/11 1/1 1/3 ea.

	
CURVED GOUGES No. 12	
	
No. 13	
	
No. 14	
	
No. 15	
	
No. 16	
	
No. 17	
	
No. 18	
Sizes from $\frac{1}{16}$ in. to	$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ in.
Price ...	... -/9½ -/9½ -/11 1/2 1/4 1/7 1/9 ea.

A large and varied Stock of Engineers' Tools and Motor Accessories.

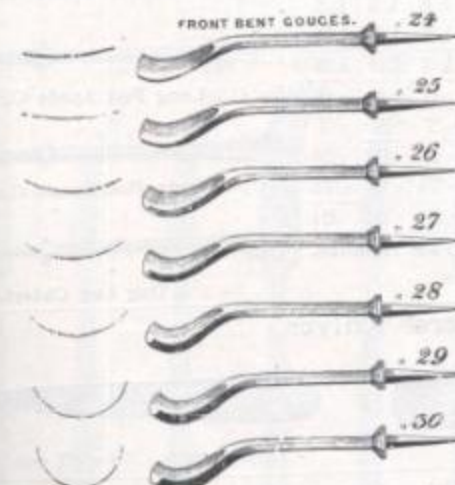
Carving Tools (continued).



Sizes $\frac{1}{8}$ to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ in.
Price ... -/11 -/11 1/2 1/4 1/7 1/9 2/1 2/5 3/- each.



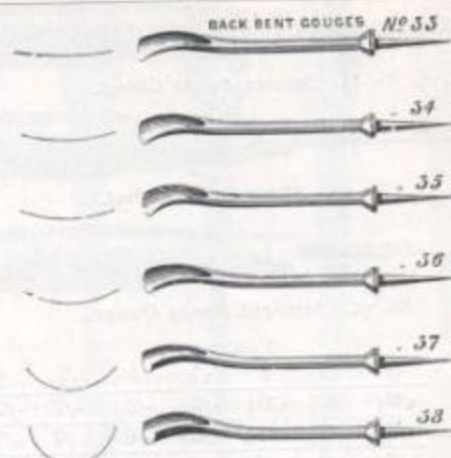
Sizes $\frac{1}{8}$ to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ 2 in.
Price ... -/8 $\frac{1}{2}$ -/10 $\frac{1}{2}$ 1/2 1/4 1/7 1/9 2/1 2/7 3/- each.



All sizes up to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ in.
Price ... -/9 $\frac{1}{2}$ -/10 $\frac{1}{2}$ 1/2 1/4 1/7 1/9 2/1 2/6 each.



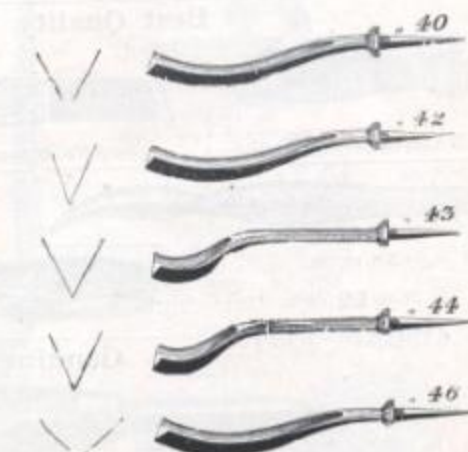
All sizes up to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ in.
Price ... -/11 -/11 1/2 1/7 1/9 2/1 2/6 3/- each.



All sizes up to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$ in.
Price ... -/9 $\frac{1}{2}$ -/10 $\frac{1}{2}$ 1/2 1/4 1/7 1/9 2/1 2/6 each.



All sizes up to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 in.
Price ... -/11 $\frac{1}{2}$ 1/2 1/5 1/9 2/2 each.



All sizes up to $\frac{1}{2}$ in. $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ 1 in.
Price ... 1/1 1/3 1/6 1/10 2/3 each.

Contractors to the Home, Indian, and Colonial Governments.

Beech Handled Spade Carving Tools (Unshouldered). No. 1072w.



No. 96. Square Spade Chisel.



No. 97. Skew Spade Chisel.



No. 91. Straight Spade Gouge.

		PRICES:						
		$\frac{1}{8}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$ in.
No. 96	...	6½	6½	6½	6½	6½	7	7 each.
" 97	...	6½	6½	6½	6½	6½	7	7 "
" 98	...	6½	6½	6½	6½	6½	7	7 "



No. 101. Bent Spade Chisel.



No. 104. Bent Spade Gouge.



No. 106. Spade V Parting Tool.

		PRICES:						
		$\frac{1}{8}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$ in.
No. 101	...	7	7	7	7	7	7	8 each.
" 104	...	8	8	8	8	8	8	9 "
" 106	...	10	10	10	10	10	10	11 "



No. 47. Veining Tool.



No. 48. Macaroni Tool, Straight.



No. 49. Macaroni Tool, Bent.



No. 51. Fluteroni Tool.



No. 52. Fluteroni Tool.

		PRICES AND SIZES (Unhanded).						
		$\frac{1}{8}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$
No. 47		8	8	8	—	—	—	—
" 48		1/2	1/2	1/2	1/2	1/2	1/2	1/2
" 49		1/3	1/3	1/3	1/3	1/3	1/3	1/3
" 51		1/2	1/2	1/2	1/2	1/2	1/2	1/2
" 52		1/3	1/3	1/3	1/3	1/3	1/3	1/3
" 53		6	6	6	6	6	6	6
" 54		7	7	7	7	7	7	7
" 55		6½	6½	6½	6½	6½	6½	6½
" 56		7½	7½	7½	7½	7½	7½	7½
" 57		8½	8½	8½	8½	8½	8½	8½

No. 1073w. Beech Carving Tool Handles.

1/6 per doz. extra.



No. 53. Fish Tail Spade Chisel.



No. 54. Fish Tail Spade Gouge.



No. 55. Long Pod Spade Chisel.



No. 56. Long Pod Spade Gouge.



No. 57. Dog Leg Chisel.

Best Quality Wood Carvers' Knives.



No. 1074w. Price -/7 each.



No. 1075w. Price -/7 each.



No. 1076w. Price -/7 each.



No. 1077w.
Price 1/2 each.

No. 1078w.
Special Wood Carvers' Knife.
With Fixed Blade. Price 1/ each.



No. 1079w.
Price -/8 each.

Genuine Swedish Knives.

No. 1080w.



		Nos.					
		5	4	3	2	1	0
Length when open		4	4½	5	6	7	7½ in.
Price	...	1½	1½	1/3	1/3	1/4	1/9 each.

No. 1081w. With Blade and Corkscrew:

		Nos.		
		3	2	1
Price	...	1/10	2/-	2/3 each.

Bronze Medal, 1884.—Gold Medal, 1890.

Sets of Straw-Coloured Carving Tools.

No. 1082w.



The construction of these tools renders them specially well suited for ladies' use, although frequently adopted by workmen also. They are nicely finished, having straw-coloured tempered surface, and fitted with shaped Beech Handles. If required with Rosewood or Ebony Handles, an extra charge of 1/6 per doz. is made.

Sets of ...	...	...	...	12	24	36 tools.
Price ...	...	...	...	10/-	19/-	28/6 per set.

Rifflers.

No. 1083w.

Nos. A to H, with Rasp one end and File the other, in various shapes, for Carvers and Cabinetmakers.

Price -/9 each.

Carvers' Screws. No. 1084w.



With Black Wing Nut :

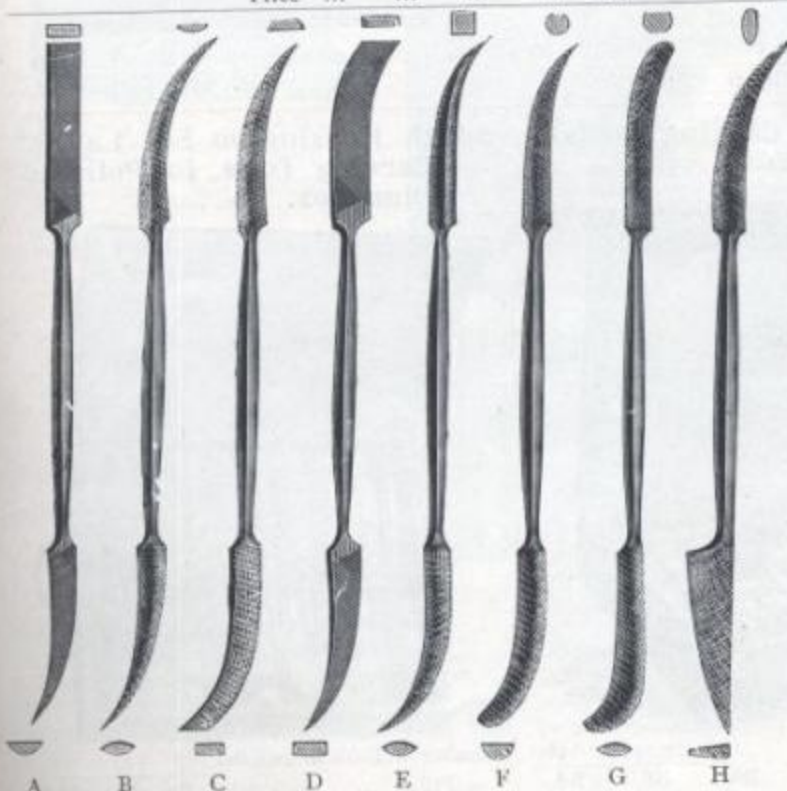
8 x $\frac{1}{8}$	8 x $\frac{1}{4}$	10 x $\frac{1}{2}$ in.
Price 2/3	2/6	3/3 each.
Superior Make, Bright Finish :		
8 x $\frac{1}{8}$	8 x $\frac{1}{4}$	10 x $\frac{1}{2}$ in.
Price 3/6	3/9	5/- each.

Carvers' Mallets.

No. 1085w.
Polished Beech.



3 in. 1/3 each.
3 1/2 in. 1/6 each.
4 in. 1/9 each.

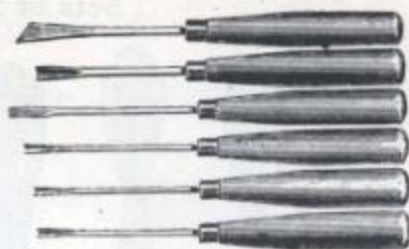




Set of 12 Spade Carving Tools.

No. 1086w.

In Beech Handles ... 9/-
In Boxwood Handles ... 10/-



Set of 24 Ladies' Handled Carving Tools, in Polished Pine Box.

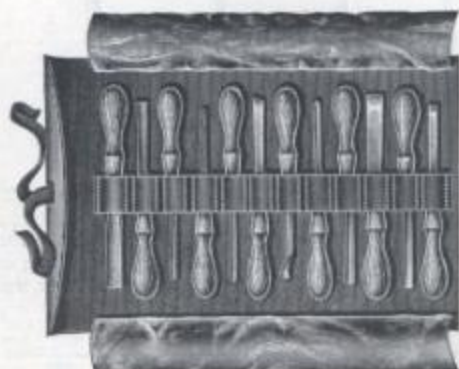
No. 1087w.



Number of Tools in each Set	6	12	18	24	36
Price ...	7/6	13/3	20/6	27/6	41/-

Set of 12 Ladies' Handled Carving Tools, in Cloth-lined Canvas Roll.

No. 1088w.



Number of Tools in each Set	12	18	24
Price ...	15/-	20/-	27/-

Set of 36 Ladies' Handled Carving Tools, in Polished Mahogany Box.

No. 1089w.



Number of Tools in each Set	6	12	18	24	36
Price ...	12/6	19/-	28/-	36/-	54/-

South Kensington Set Ladies' Carving Tools, in Polished Pine Box.

No. 1090w.



Number of Tools in each Set	7	12	18
Price ...	9/-	14/-	19/6

Orders of 20/- and upwards Carriage Paid (with few exceptions).

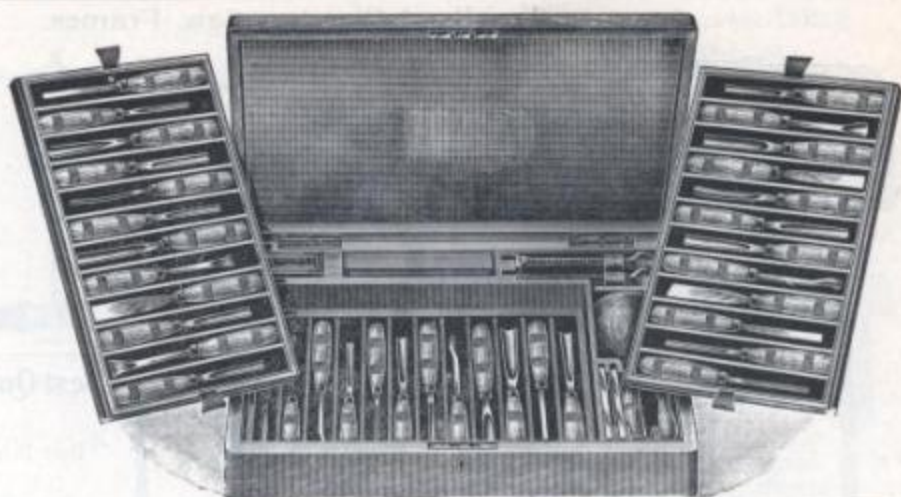
Presentation Outfit.

No. 1091W.

Presentation Wood Carvers' Outfit in Polished Oak Case, Plush-lined, 20 in. x 13 in. x 4½ in., with 36 Rosewood Handled Tools, Mallet, 2 Punches, 2 Cramps, Bent Knife, Set of Arkansas Slips, Cased Oilstone, etc.

PRICE:

£4 : 12 : 6 complete.



Set of 6 Boys' Carving Tools, in Wood Box.

No. 1092W.



6 Tools in a Set ... 4/2 each.
12 " " " " 7/8 "
In Cardboard Box, 2/8 and 5/2 "

Chip Carving Rack.

No. 1095W.

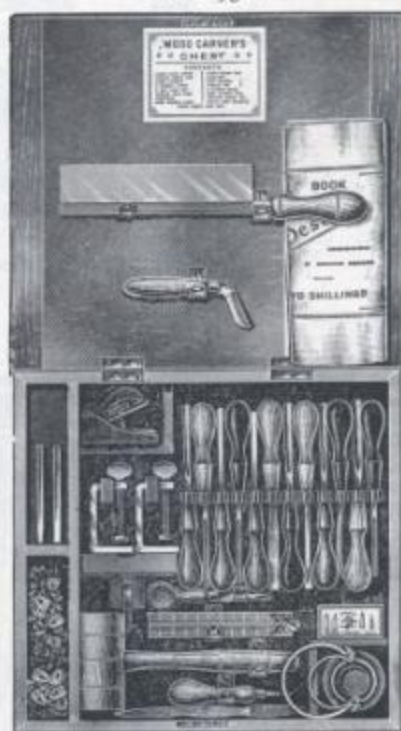


Polished Pine Rack, with 5 Tools, Mallet, Punch, Cramp, Bent Knife, Oilstone, Compass, Sheet of Designs, etc.

Price 10/- each complete.

Wood Carvers' Outfit.

No. 1093W.



Polished Pine Lock-up Box, 16 in. x 15 in. x 3 in., with 12 Hardwood Handled Tools, Mallet, 2 Punches, Book of Designs, 2 Cramps, Router, Riffler File, Set of Arkansas Slips, Block Plane, Glue Kettle, Brass Back Saw, Awl, Boxwood Rule, Turnscrew, Hanging Plates and Screws, etc.

Price ... 31/- each complete.

Chip Carving Outfit.

No. 1094½W.



No. 1094W.—Polished Pine Box, with 3 Tools, Mallet, Punch, Book of Instructions, Sheet of Designs, Oilstone, 3 Brushes, Bottle of Stain, Bottle of Polish, etc.

Price 10/- each.

No. 1094½W (as Illustrated).—Polished Pine Box, with 6 Tools, Mallet, Punch, Book of Instructions, 2 Sheets of Designs, Cramp, Oilstone, Compasses, 6 Brushes, 3 Bottles Stain, 1 Bottle Polish, etc.

Price 20/- each complete.

A large and varied Stock of Engineers' Tools and Motor Accessories.