

Price List A for Catalog No. 64

ANTIQUE: This resembles the color of fine originals and is accomplished through a special process that oxidizes the surface of the brass, no lacquer is used or required. This color will improve with age.

POLISHED BRIGHT. This is known as our "GOLDEN GLOW" finish. This is a high lustre, perfectly smooth surface resembling hand polished old brass. This finish will tarnish if not re-polished from time to time as in normal household cleaning.

THERE IS NO DIFFERENCE IN COST for either the **ANTIQUE** or "GOLDEN GLOW" finish on **REGULAR CABINET HARDWARE** — pages 2 to 20.

When a preference is not stated with **EACH** order, we will use our own judgment. An order returned for change of color is subject to charge.

STOCK FINISH on all items starting with page 20 — "Golden Glow" polish.

HANDLING CHARGE: Charge of 10% to 20% may be charged on stock material returned for credit. Items made to order not returnable without permission.

INFORMATION REQUIRED WHEN ORDERING—**SERIES LETTER** and **CATALOG NUMBER**, **QUANTITY** of each, **COLOR** desired, also in furnishing some items whether **RIGHT** or **LEFT** hand.

TERMS

PREPAID ORDERS: This is the very best method.

Your personal check or any other form of payment is satisfactory, but be sure to include an amount for **CARRYING CHARGES** otherwise we may have to return your order for an additional amount. Prepaid orders will not be entered if remittance does not cover all charges.

REFUND: Refund will be made at time of shipment for overpayment of postage or insurance so remit an ample amount.

INSURANCE Rates are \$.10 for \$10.00, \$.15 for \$25.00, \$.20 for \$50.00, \$.30 for \$100.00 values. When your orders are **ADVANCE PAID**, shipment will be insured only if you include an amount sufficient to cover both **POSTAGE** and **INSURANCE**.

UNITED PARCEL SERVICE is the **FASTEST** way to have things delivered. **WE FAVOR** this because of the **SPEED** and **CARE** with which packages are handled. Area served includes all of Pa., N. J., N. Y., Conn., Mass., and R. I. Also part of Vt., and Maine. Our charge for this service is the same as **PARCEL POST** and **INSURANCE**. Area served changes—Yours may be included now.

Town residents use street number, rural residents use road name, and how to locate house. **THEY WILL NOT LEAVE PACKAGES UNLESS SIGNED FOR.** Expect deliveries during normal business hours. Deliveries will be attempted on three consecutive days; if not possible then, packages will be returned to us. We will then reship by Parcel Post at your added expense.

PREFERENCE OF METHOD: If you can make use of it, you may specify **U. P. S.** on each order, or for all orders. If you do not state how shipments are to be made, we will use our best judgment.

We charge for boxing or crating a very few items.

You will be given the details if such a charge is necessary.

C. O. D. C. O. D. shipments will be made only on orders of \$20.00 or more value. An added charge of \$1.00 is made on each shipment. **EVERY** request for a C. O. D. shipment must be **PARTLY** paid in **ADVANCE**. Minimum \$5.00 advance. If a C. O. D. package is refused a service charge will be made.

BILLED: If you **HAVE** established an open account with us, terms are 30 days net. No discount for cash in advance.

If you wish to establish an account, send four references and **ALLOW** time for us to receive replies, usually 2 weeks.

If you are listed with Lyons we can make a decision immediately but we do not subscribe to any other Credit Agency.

When you remit with order, be generous with **POSTAGE** and **INSURANCE**, use guide and see **REFUND** above.

Weight, 1 pound and not exceeding	Zones					
	Local	1 & 2	3	4	5	6
2 pounds.....	\$0.29	\$0.40	\$0.42	\$0.46	\$0.52	\$0.59
3 " .....	.31	.46	.49	.55	.64	.73
4 " .....	.33	.51	.55	.64	.75	.88
5 " .....	.35	.57	.62	.72	.87	1.02
6 " .....	.37	.62	.68	.80	.97	1.15
7 " .....	.39	.68	.75	.88	1.07	1.28
8 " .....	.41	.73	.81	.95	1.18	1.41
9 " .....	.43	.78	.87	1.03	1.28	1.53
10 " .....	.45	.83	.93	1.10	1.38	1.66
11 " .....	.47	.88	1.00	1.18	1.48	1.78
12 " .....	.49	.93	1.06	1.26	1.58	1.90
13 " .....	.51	.98	1.12	1.33	1.69	2.02
14 " .....	.53	1.03	1.18	1.41	1.79	2.14
15 " .....	.55	1.08	1.24	1.48	1.89	2.25

When you remit with order, be generous with **POSTAGE** and **INSURANCE**.

Any overpayment will be returned. Send all mail to:

BALL and BALL, "WHITFORD", 463 WEST LINCOLN HIGHWAY, EXTON, PA. 19341

TERMS, Continued

MINIMUM SHIPMENTS

No order for less than \$2.00 can be accepted for shipment. If you have an open account and order items totaling less than this, we will add a service charge to bring the total to \$2.00 plus postage, etc.

Our "Golden Glow" Brass Polish is shipped in minimum lots of six one pint cans for \$5.00, postage paid. Add \$1.00 west of the Mississippi.

Some other minimum items are noted in catalogs.

Advance paid or C. O. D. Orders for less than minimum amounts must be returned to you with questions.

ABOUT RETURNING MATERIALS

Catalogs are published with complete details so you will know the item BEFORE you order. We stand back of our quality and our mistakes, but if we are not at fault and you decide to return any items a charge must sometimes be made.

Please ask for permission before returning any item.

HANDLING CHARGE: must usually be made, the amount depends on all circumstances. Items made to order are not usually returnable.

We charge for boxing or crating a very few items. You will be given the details if such a charge is necessary.

If it is not listed in a catalog price listing, it is a SPECIAL ITEM.

Requests for SPECIAL ITEMS or catalog items in SPECIAL SIZES, ETC., must first be given careful attention. Usually it is necessary to consider making a special run at some additional cost. After the facts are found a quotation must be made. This means a letter. Avoid these delays if at all possible by making selection from catalog.

SHOWROOMS OPEN

8:00 to 4:30

Monday through Friday

These showrooms should be considered as factory showrooms and should not be thought of as a retail store.

If you stop in with an EMERGENCY REQUEST, we can sometimes deliver over the counter from a small group of brasses kept in the showroom for such rush problems BUT with a few exceptions all showroom orders MUST be shipped at a LATER date, most orders are sent within 24 hours.

A telephone call in advance when an emergency exists is desirable, phone Area Code 215-363-7330 — a five or ten minute search in the factory stock room is usually required.

PRICE LIST

PULLS SERIES "A"

Cat. No.	Drop	Overall Size
A-65	1 3/4 long, Rosette	1 3/8
A-66	" 1 5/8 "	1 1/8
A-67	" 1 5/8 "	1 1/8 *
A-68	" 1 3/4 "	2 1/8 *
A-69	" 1 3/4 "	1 3/4 *
A-70	" 1 3/4 "	1 1/8 *
A-71	" 1 3/8 "	1 1/8 *
A-72	" 1 3/8 "	1 1/8 *
A-73	" 1 1/2 "	1 5/8 *

*Denotes "THINCAST" backplates.

"THINCAST" wherever used by us signifies the very finest quality cast plates with our best workmanship.

Prices of teardrops above A-68, A-69 and A-73 Ea. \$ 3.00
All others " 2.00

PULLS SERIES "A"

Cat. No.		Overall Size
A-85	2 3/4	3 3/4 x 2 1/2
	Esc.	" "
	3	4 1/8 x 2 3/4
	Esc.	" "
A-86	2 1/2	3 1/2 x 2 *
	Esc.	" "
A-87	2	3 x 1 3/4 *
	Esc.	" "
A-88	1 1/8	2 3/4 x 1 7/8 *
	Esc.	" "
A-89	2 1/2	4 1/8 x 2 1/8 *
	Esc.	" "
A-90	2	3 3/8 x 2 3/8 *
	Esc.	" "

*Denotes "THINCAST" backplates.

All above pulls and escutcheons have hand chiseled designs, they are the very finest copies of originals.

All Pulls Ea. 4.00
" Esc. 3.50

Esc. are same sizes as pull plates.

PULLS SERIES "B"

Cat. No.	Boring	Overall Size
B-15	2 1/4	3 x 2 1/4
	Esc.	" "
	2 1/2	3 3/8 x 2 1/2
	Esc.	" "
	3	4 x 3
	Esc.	" "
B-16	2 5/8	3 1/2 x 2 5/8 *
	Esc.	" "
	2 7/8	4 x 3 1/8 *
	Esc.	" "
B-17	3 1/4	4 1/8 x 3 1/4 *
	Esc.	" "
B-18	2 3/4	3 7/8 x 2 5/8 *
	Esc.	" "
B-19	3 3/4	4 1/8 x 3 1/4 *
	Esc.	" "
B-20	3	4 x 3 *
	Esc.	" "
B-21	3 1/4	4 1/4 x 3 3/8 *
	Esc.	" "
B-22	2 1/4	3 1/8 x 2 1/2 *
	Esc.	" "
B-23	2 1/2	3 3/8 x 2 1/2 *
	Esc.	" "
	3 1/4	4 1/4 x 3 1/8 *
	Esc.	" "

* Denotes "THINCAST" plates.

All "B" series pulls with "THINCAST" plates are furnished with cast posts and cast nuts. All "B" series escutcheons are same size as pull plates. Escutcheon pulls (Pulls with keyholes) are furnished at same price as pulls.

PRICES

All sizes B-15 Pulls	Ea.	\$4.00
" " " Esc.	"	3.50
B-16, B-18, B-20, B-22 and 2½" size B-23, Pulls	Ea.	5.00
" " " Esc.	"	4.50
B-17, B-19, B-21 and 3¼" size B-23, Pulls	Ea.	6.00
" " " Esc.	"	5.00

PULLS SERIES "C"

Cat. No.	Boring	Overall Size
C-1	2½ 2½ 2½ 3 3¼ 3½	3½ x 2½ " " 4 x 3½ " " 4½ x 3½ " "
C-2	2½ 2½ 2½ 3	3½ x 2 " " 4½ x 2½ " "
C-3	2½	3½ x 3 *
C-4	2½ 2½ 2½ 3	3¼ x 2½ " " 3½ x 2½ " "
C-5	2½ 2½ 3¼	3½ x 2½ " " 4½ x 3¼ *
C-6	2½	3¼ x 2½ *
C-7	2½ 2½ 3 3¼	3½ x 2½ 3¼ x 2½ 4½ x 2½ " "
C-8	2¼ or 2¾ 2½ or 2¾ 2¾ or 3 3	3½ x 1½ 3½ x 2 3½ x 2½ 4½ x 2½ *
C-9	2¾ 2¾	3½ x 2½ 3½ x 2¾ *
C-10	3	4½ x 2¾ *
C-11	2½ 2½ 3 3¼	3½ x 2¾ " " 4½ x 3 " "
C-12	2¾	4½ x 3¼ *
C-13	3	4 x 2¾
C-14	3¾	4¼ x 2½ *
C-15	3½	4½ x 2¾ *
C-16	2½ 2½ 3 3¼	3½ x 3 " " 4 x 3¼ " "
C-17	2½	3½ x 2¾ *
C-18	3¾	4½ x 3 *
C-19	2½ 2½ 3 3¼	3½ x 2¾ " " 4 x 2¾ " "
C-20	2¾ 2¾	3¼ x 2¾ 3¾ x 2¾
C-21	3 3¼	4¼ x 3½ " "
C-22	2½ 2½ 2¾ 3	3¼ x 2¾ " " 3¾ x 2¾ " "

PULLS SERIES "C"

Cat. No.	Boring	Overall Size
C-23	2½	3½ x 2½ *
C-24	2¾	3½ x 3 *
C-25	2½ 2¾ 3 3¼	3½ x 2¾ " " 4¼ x 2¾ " "
C-26	2 2¾	3 x 1¼ 4 x 2¼
C-27	2½	4 x 2¾ *
C-28	2 3	2½ x 1¼ 4 x 3½ *
C-29	2¼ 2¾ 2½ 2¾ 3	3½ x 2¾ " " 3¾ x 2½ " " 3¾ x 2¼ *
C-30	3	3¾ x 2¼ *
C-31	2¾	3¾ x 2
C-32	2½	3¾ x 2¾ *
C-33	2½ 3 3	3¾ x 2 4 x 2 3¾ x 1¾
C-34	2½	3½ x 2¾
C-35	3	4½ x 3¼ *
C-36	2¾	4½ x 3 *
C-37	2½ 2¾ 3 3¼ 3½	4 x 2¾ " " " " 4¾ x 3¼ " "

PULLS SERIES "C"

Cat. No.	Boring	Overall Size
C-38	2¾	3½ x 1¾
C-39	2¾	3¼ x 2
C-40	3¾	4¾ x 3 *
C-41	2½	4 x 2¾ *
C-42	2¾	4¾ x 3 *
C-43	3¼	4¾ x 2½
C-44	3	4 x 2¾
C-45	3¾	4 x 2¼ *
C-46	2½	4½ x 2¾ *
C-47	4	5½ x 3¾ *
C-48	3¼	4¼ x 2½ *
C-49	2½	4 x 3 *
C-50	2¾	4 x 2½ *
C-51	3	4¾ x 2¼ *
C-52	2½	4 x 3 *
C-53	3¾	4½ x 3¾ *
C-54	2¾	4½ x 2¾ *
C-55	2¾	3½ x 2¾ *
C-56	3	4½ x 2 *
C-57	3 3½	4¾ x 3¾ 5½ x 3¾ *
C-58	3¼	4¾ x 3¾ *
C-59	2	3½ x 2¼ *
C-60	3¾	4½ x 3¼ *

* Denotes "THINCAST" plates.

We developed a method in our own foundry in 1933 of making cast plates as they were made by the original makers, we named the result "THINCAST." No other brasses being made today can approach these "THINCAST" plate pulls in quality or workmanship.

All "C" Series pulls with "THINCAST" plates are furnished with cast posts and cast nuts. All "C" Series escutcheons are same size as pull plates. Escutcheon pulls (Pulls with keyholes) are furnished at same price as pulls.

PRICES OF "C" PULLS AND ESCUTCHEONS NOT MARKED WITH AN ASTERISK (*).

Boring Sizes	Price Each Pull	Esc.
2 and 2¼	2.10	1.90
2¾ " 2½	2.20	2.00
2¾ " 2¾	2.30	2.10
3 " 3¼	2.40	2.20
3½	2.60	2.42

PRICES OF "THINCAST" PULLS AND ESCUTCHEONS— THESE ARE MARKED WITH AN ASTERISK.

4.00 Each Pull and 3.80 Each Esc. for No's. C-3, 5, 6, 7, 8, 9, 52, 56 and C-59.

4.50 Each Pull and 4.30 Each Esc. for No's. C-17, 23, 24, 27, 30, 32, 33, 41; 50; 51; 54 and C-55.

Also No. C-16 2½", and 2¾" sizes only
" " C-28 2" size only.

5.00 Each Pull and 4.80 Each Esc. for No's. C-10, 12, 14, 15, 46, 48, 49 and C-60
Also C-28 3" size only.

5.50 Each Pull and 5.30 Each Esc. for No's. C-36, C-40 and C-45
Also C-16 2¾, 3" or 3¼" sizes.

6.00 Each Pull and 5.50 Each Esc. for No's. C-18, 35, 42, 47, 53, 57 and C-58

All "B" series pulls with "THINCAST" plates are furnished with cast posts and cast nuts. All "B" series escutcheons are same size as pull plates. Escutcheon pulls (Pulls with keyholes) are furnished at same price as pulls.

PRICES

All sizes B-15 Pulls	Ea.	\$4.00
" " Esc.	"	3.50
B-16, B-18, B-20, B-22 and 2½" size B-23, Pulls	Ea.	5.00
Esc.	"	4.50
B-17, B-19, B-21 and 3¼" size B-23, Pulls	Ea.	6.00
Esc.	"	5.00

PULLS SERIES "C"

Cat. No.	Boring	Overall Size
C-1	2¼	3½ x 2½
	2½	"
	2¾	4 x 3½
	3	"
	3¼	4½ x 3½
	3½	"
C-2	2¼	3½ x 2
	2½	"
	2¾	4½ x 2½
	3	"
C-3	2½	3¾ x 3 *
C-4	2¼	3¼ x 2¼
	2¾	"
	2½	3½ x 2½
	2¾	"
	3	3¾ x 2¾
C-5	2¾	3¾ x 2¾
	2¾	"
	3¼	4¾ x 3¼ *
C-6	2¾	3¾ x 2¾ *
C-7	2½	3½ x 2½ *
	2¾	3¾ x 2¼
	3	4½ x 2½
	3¼	"
C-8	2¼ or 2¾	3¾ x 1¾
	2½ or 2¾	3½ x 2
	2¾ or 3	3¾ x 2¼
	3	4½ x 2¼ *
C-9	2¾	3¾ x 2½ *
	2¾	3¾ x 2¾ *
C-10	3	4¾ x 2¾ *
C-11	2¼	3¾ x 2¾
	2½	"
	2¾	4½ x 3
	3	"
	3¼	"
C-12	2¾	4½ x 3¼ *
C-13	3	4 x 2¾
C-14	3¾	4¼ x 2½ *
C-15	3½	4½ x 2¾ *
C-16	2½	3¾ x 3 *
	2¾	"
	2¾	4 x 3¼ *
	3	"
	3¼	"
C-17	2½	3¾ x 2¾ *
C-18	3¾	4¾ x 3 *
C-19	2½	3½ x 2¾
	2¾	"
	3	4 x 2¾
	3¼	"
C-20	2¾	3¾ x 2¾
	2¾	3¾ x 2¾
C-21	3	4¼ x 3½
	3¼	"
C-22	2¼	3¼ x 2¾
	2½	"
	2¾	3¾ x 2¾
	3	"

PULLS SERIES "C"

Cat. No.	Boring	Overall Size
C-23	2½	3¾ x 2½ *
C-24	2¾	3¾ x 3 *
C-25	2½	3¾ x 2¾
	2¾	"
	3	4¼ x 2¾
	3¼	"
C-26	2	3 x 1¾
	2¾	4 x 2¼
C-27	2½	4 x 2¾ *
C-28	2	2¾ x 1¾ *
	3	4 x 3¾ *
C-29	2¼	3¾ x 2½
	2¾	"
	2½	"
	2¾	3¾ x 2½
	3	"
C-30	3	3¾ x 2¼ *
C-31	2¾	3¾ x 2
C-32	2½	3¾ x 2¾ *
C-33	2½	3¾ x 2 *
	3	4 x 2 *
C-33	2¼	3¾ x 1¾
	2½	"
C-34	2¾	3½ x 2½
C-35	3	4½ x 3¼ *
C-36	2¾	4¾ x 3 *
C-37	2½	4 x 2¾
	2¾	"
	3	"
	3¼	4¾ x 3¼
	3½	"

PULLS SERIES "C"

Cat. No.	Boring	Overall Size
C-38	2¾	3½ x 1¾
C-39	2¾	3¼ x 2
C-40	3¾	4¾ x 3 *
C-41	2½	4 x 2¾ *
C-42	2¾	4¾ x 3 *
C-43	3¼	4¾ x 2½
C-44	3	4 x 2¾
C-45	3¾	4 x 2¼ *
	3¾	4½ x 2¾ *
C-46	2½	4 x 3¼ *
C-47	4	5½ x 3¾ *
C-48	3¼	4¼ x 2½ *
C-49	2½	4 x 3 *
C-50	2¾	4 x 2½ *
C-51	3	4¾ x 2¼ *
C-52	2½	4 x 3 *
C-53	3¾	4½ x 3¾ *
C-54	2¾	4½ x 2¾ *
C-55	2½	3½ x 2¾ *
C-56	3	4½ x 2 *
C-57	3	4¾ x 3¾
	3½	5½ x 3¾ *
C-58	3¼	4¾ x 3¾ *
C-59	2	3½ x 2¼ *
C-60	3¾	4½ x 3¼ *

* Denotes "THINCAST" plates.

We developed a method in our own foundry in 1933 of making cast plates as they were made by the original makers, we named the result "THINCAST." No other brasses being made today can approach these "THINCAST" plate pulls in quality or workmanship.

All "C" Series pulls with "THINCAST" plates are furnished with cast posts and cast nuts. All "C" Series escutcheons are same size as pull plates. Escutcheon pulls (Pulls with keyholes) are furnished at same price as pulls.

PRICES OF "C" PULLS AND ESCUTCHEONS NOT MARKED WITH AN ASTERISK (*).

Boring Sizes	Price Each Pull	Esc.
2 and 2¼	2.10	1.90
2¾ " 2½	2.20	2.00
2¾ " 2¾	2.30	2.10
3 " 3¼	2.40	2.20
3½	2.60	2.42

PRICES OF "THINCAST" PULLS AND ESCUTCHEONS— THESE ARE MARKED WITH AN ASTERISK.

4.00 Each Pull and 3.80 Each Esc. for No's. C-3, 5, 6, 7, 8, 9, 52, 56 and C-59.

4.50 Each Pull and 4.30 Each Esc. for No's. C-17, 23, 24, 27, 30, 32, 33, 41; 50; 51; 54 and C-55.

Also No. C-16 2½", and 2¾" sizes only
" " C-28 2" size only.

5.00 Each Pull and 4.80 Each Esc. for No's. C-10, 12, 14, 15, 46, 48, 49 and C-60
Also C-28 3" size only.

5.50 Each Pull and 5.30 Each Esc. for No's. C-36, C-40 and C-45
Also C-16 2¾, 3" or 3¼" sizes.

6.00 Each Pull and 5.50 Each Esc. for No's. C-18, 35, 42, 47, 53, 57 and C-58

PULLS SERIES "D"

Cat. No.	Boring	Overall Size
D-1	2 1/8	3 1/8 x 1 7/8
	3	3 5/8 x 2 1/8
	3 1/8	3 1/8 x 2 1/8
D-2	2 3/4	3 1/8 x 2 1/8
D-3	2 3/8	2 7/8 x 1 7/8
	2 3/8	3 1/8 x 2 1/8
D-4	2 3/4	3 1/8 x 1 7/8
D-5	2	2 5/8 x 2 1/16
	2 1/2	3 1/16 x 2 1/2
D-6	2 1/8	2 5/8 x 2
	2 3/8	3 1/16 x 2 1/4
D-7	3	3 5/8 x 2 1/4
	4	4 5/8 x 2 1/2
D-8	3	3 5/8 x 2 1/4
D-9	3	3 5/8 x 2 1/4
D-10	2 7/16	3 x 2 5/8
D-11	2 11/16	3 3/16 x 2 1/8
D-12	2	2 5/8 x 2
D-13	2 1/2	3 1/8 x 1 7/8
D-14	2 1/8	2 1/2 x 1 7/8
	2 5/8	3 1/4 x 2 1/8
D-15	2 1/2	3 x 1 1/8
D-16	2 5/8	3 5/16 x 2 1/8
	3	3 5/8 x 2 3/16
D-17	2 5/8	3 1/4 x 2 5/16
D-18	2 3/8	3 x 2 1/4
D-19	2 1/2	2 7/8 x 2 3/8
D-20	1 3/4	2 1/4 x 1 3/4
	2 3/8	3 x 2 1/8
D-21	2 11/16	3 1/8 x 2 1/8
D-22	2 3/8	3 3/4 x 2
D-23	3	3 1/2 x 1 1/8
D-24	2 1/4	3 7/8 x 1 3/4
D-25	2 3/8	3 x 2 3/8
D-26	2 1/2	3 1/8 x 2 5/16
D-27	2 1/2	3 x 2 1/4
D-28	2 3/4	3 1/4 x 1 7/8
D-29	2 7/16	3 x 1 15/16

PULLS SERIES "D"

Cat. No.	Boring	Overall Size
D-30	2 1/4	2 3/4 x 2 1/8
D-31	2 1/4	2 11/16 x 2 3/16
	2 1/2	3 1/8 x 2 1/2
D-32	2 5/8	3 1/8 x 2 1/4
D-33	2 3/4	3 1/2 x 1 15/16
D-34	1 5/8	2 x 1 1/2
	2	2 1/2 x 2
	2 1/2	3 x 2 3/8
D-35	2 1/4	3 x 1 1/2
D-36	3	3 1/2 x 2 3/4
D-37	2 5/8	2 3/4 x 1 7/8
D-38	2 1/2	3 x 2 3/8
D-39	2 1/4	2 3/4 x 1 7/8
D-40	2	2 1/8 x 2
D-41	2 1/2	3 x 2 1/4
D-42	2 1/2	3 1/8 x 2 1/4
D-43	2 1/2	3 x 2 1/4
D-44	2 1/4	2 3/4 x 1 7/8
D-45	2 3/8	3 x 2 7/16
D-46	2	2 5/8 x 2
D-47	2 1/2	3 3/16 x 2 1/2
D-48	2 1/2	3 3/8 x 2 1/2

Prices, "D" Series

\$ 1.75 Each Pull	
D-5 2"	D-20 1 3/4"
D-12	D-35
D-13	D-37
D-14 2 1/8	D-40
\$ 2.30 Each Pull	
D-1 2 1/8	D-18
D-3 2 3/8	D-20 2 3/8
D-4	D-21
D-11	D-33
\$ 2.45 Each Pull	
D-2	D-23
D-3 2 5/8	D-25
D-5 2 1/2	D-26
D-8	D-27
D-9	D-28
D-14 2 5/8	D-30
D-15	D-31 2 1/4
D-16	D-32
D-17	D-38
D-19	D-39
	D-44
\$ 2.70 Each Pull	
D-1 3 & 3 1/8	D-29
D-6 2 1/8	D-31 2 1/2
D-7	D-34
D-10	D-41
D-22	D-42
D-24	D-43
\$ 3.20 Each Pull	
D-6 2 3/8	D-46
D-7 4	D-47
D-36	D-48
D-45	

PULLS SERIES "E"

Cat. No.	Boring	Rosette Size
E-25	2 1/2	1 1/8
	2 5/8	"
	2 3/4	"
	2 7/8	"
	3	"
	3 1/8	"
	3 1/4	"
	3 3/8	1 1/8
	3 1/2	"
	3 5/8	"
	3 3/4	1 1/8
	4	"
Larger sizes to order		
E-26	3	1 1/8 *
	3 1/4	" *
	3 1/2	" *
E-27	3 1/4	1
E-28	3	1 1/16
	3 1/4	"
	3 1/2	"
E-29	2 3/4	7/8 *
	3	" *
	3 1/4	" *
E-30	3	1 1/16
	3 3/8	1 3/16
	3 7/8	1 5/16
E-31	2 1/2	1 1/8 x 1
	2 5/8	"
	2 3/4	"
	2 7/8	"
	3	"
	3 1/8	"
	3 1/4	"
	3 3/8	"
	3 1/2	1 1/2 x 1 1/8
	3 5/8	"
	3 3/4	"
	4	"

PULLS SERIES "E"

Cat. No.	Boring	Overall Size
E-33	2 3/4	1 3/8 x 1 *
	3	" " *
	3 1/4	" " *
	3 3/8	" " *
E-34	3 1/4	1 1/2 x 1 1/8 *
	3 3/8	" " *
	3 3/4	" " *
E-35	3 1/2	" " *
	3 3/8	" " *
E-36	3	1 5/16 x 1
	3 3/8	1 1/2 x 1 1/8 *
E-37	3 5/8	1 5/8 *
E-38	3 1/4	1 1/8 *
E-39	3	1 1/4 x 1 3/4 *
	3 1/4	" " *
	3 1/2	" " *
E-40	3 1/2	1 1/2 *
E-41	2 7/8	1 1/4 *
E-42	3 3/4	1 1/2 *
E-43	4	1 1/4 x 2 *
E-44	2 3/4	1 1/8 *
E-45	3 1/2	1 3/16 *
E-46	2 1/2	3 1/2 x 2 1/4
E-47	3	7 x 1 3/4
E-48	2 1/2	4 1/4 x 1 1/2
E-49	2 1/4	5 3/4 x 1 3/4
	3	7 1/2 x 2 1/4
E-50	2 3/8	3 3/4 x 1 1/4
E-51	2 3/4	5 x 2 3/8
E-52	3	7/8 Rosettes*
E-53	4	1 1/8 " *
E-54	2 5/8	1 1/4 " *
E-55	3 3/8	1 " *
E-56	3 3/4	1 1/8 " *
E-57	3	1 1/4 " *

PRICES — EACH COMPLETE PULL

E-25	2 1/2, 2 5/8 or 2 3/4"	\$1.84
	2 7/8, 3 or 3 1/8	1.96
	3 1/4 or 3 3/8	2.20
	3 1/2 or 3 5/8	2.45
	3 3/4 or 4	3.00
E-27, E-31 and E-32		
	2 1/2, 2 3/8 or 2 3/4	2.04
	2 7/8, 3 or 3 1/8	2.16
	3 1/4 or 3 3/8	2.40
	3 1/2 or 3 5/8	2.60
	3 3/4 or 4	3.20
E-26, 28, 29, 30, 33, 34, 35, 36; 44; & E-52		
	Sizes 3 1/4" or smaller	2.60
	" over 3 1/4"	2.90
NOTE: Sizes other than as listed under "Boring" are not stock.		
E-37, 38, 39, 40, 41, 42, 43, 45; 46; 54; 55 and E-57		
	Sizes 3 1/4" or smaller	3.50
	" over 3 1/4"	4.50
E-47, 48, 49, 50, 51, 53 and E-56		
	All listed sizes	3.00

* Denotes cast rosettes.

E-32 made in same boring and rosette sizes as E-31.

Information Series "D" and "E"

All "D" Series pulls are stamped in hardened steel dies, exact copies of originals. All posts have turned heads and round nuts. All bails are cast and fine hand workmanship is at once apparent throughout. These, like all other brasses by Ball and Ball, are in stock in our famous GOLDEN GLOW polished finish or ANTIQUE color. Escutcheons for "D" Series pulls were never made to match, the most used ones are L-65 and L-64. Use L-66 on cut corner D-39 or D-44 pulls, other escutcheons of bone or ivory like L-68 were used especially on inlaid furniture.

Escutcheons for use with "D" Pulls are listed under "L" Series.

Above numbers E-46 to E-51 are for French furniture, Number E-49 is furnished in right and left (illustration is right-hand).

E Series pulls date from 1740 to 1850. Generally speaking, the plain ones as E-25, E-29, E-31, etc. are Chippendale types, the rope edge ones like E-27 and E-32 are Hepplewhite and Sheraton but there are many exceptions. E-39 type was used on some very fine furniture of 1745-1765 period. E-40 and E-56 are Queen Anne types, E-44 and E-53 are Directoire and the E-46 to E-51 types were used on French furniture over a long period of time.

Escutcheons for rosette pulls were usually made to match the design and shape of rosettes though some were alike only in details of design, example—pull E-43 was used with esc. L-88.

We list preferred combinations below but keep in mind the many exceptions. You learn in this business never to say never because there are always exceptions.

Pulls, Use Esc.	No.	Pulls, Use Esc.	No.
E-25	" L-69, 70 or 71	E-42	" L-91
E-26	" L-72	E-43	" L-88
E-27	" L-73, 75 or 76	E-44	" L-82
E-28	" L-77	E-45	" L-81
E-29	" L-74	E-46	" L-83 or 87
E-30	" L-69, 70 or 71	E-47	" L-87
E-31	" L-69 or 71	E-48	" L-92
E-32	" L-75 or 76	E-49	" L-83 or 87
E-33	" L-78	E-50	" L-85
E-34	" L-79	E-51	" L-83 or 87
E-35	" L-86	E-52	" L-74 or 96
E-36	" L-69, 70 or 71	E-53	" L-80
E-37	" L-85	E-54	" L-77
E-38	" L-85	E-55	" L-82 or 84
E-39	" L-89	E-56	" L-69, 70 or 71
E-40	" L-77	E-57	" L-85
E-41	" L-90 or 92		

KNOBS SERIES "F"

Cat. No.	Size	Price Each Knob
F-20	$\frac{3}{4}$	
	1	
	$1\frac{1}{4}$	
	$1\frac{1}{2}$	
	$1\frac{3}{4}$	
	2	
F-21	$1\frac{1}{4}$	$\frac{3}{4}$ " 1.00
	$1\frac{3}{4}$	1, $1\frac{1}{8}$ 1.60
F-22	2	$1\frac{1}{4}$ 1.80
F-23	1	$1\frac{1}{8}$, $1\frac{3}{8}$ and $1\frac{1}{2}$ 2.00
F-24	$1\frac{1}{2}$	$1\frac{3}{4}$ 2.10
	2	2 2.25
F-25	1	
F-26	$1\frac{1}{4}$	
F-27	$1\frac{3}{8}$	
F-28	$1\frac{3}{4}$	
F-29	$1\frac{5}{16}$	
	$1\frac{1}{2}$	
	2	
F-30	$1\frac{1}{16}$	
F-31	1 Round	1.10
	$1\frac{1}{4}$ "	1.25
F-33	$1\frac{1}{4}$ x 1	Oval Knob
	$1\frac{1}{2}$ x $1\frac{3}{16}$	" "
	$1\frac{9}{16}$ x $1\frac{1}{4}$	" "
Any size F-33		3.00

INFORMATION ABOUT KNOBS

Knobs F-20 to F-30 inclusive are furnished complete with rosette and post and nut fittings as in the side view. Note:—An exception is knob F-20 in the $\frac{3}{4}$ " size, this is furnished without rosette.

Escutcheons used for knobs F-20 to F-30 are L-64, L-65 and L-67. At times L-66 will also be found. L-68 is an inlay escutcheon of bone or ivory, sometimes used on inlaid furniture.

Knobs F-31 and F-33 are solid, these are the types used from 1740 to 1860, for pine furniture, built-in drawers, etc.

SPECIFICATIONS, F-31 and F-33

F-31—is always furnished with a rosette regardless of the type of fitting.

Standard fitting is wood screw as shown in side view but bolt-and-nut or machine-screw fittings will be furnished at no extra charge if requested on each order, the thread size on this knob is 10-24.

F-33—is always furnished with a rosette but can be furnished with only one fitting, that is the post and nut as shown in the side view.

F-32 and F-33 Knobs are also illustrated on page 31, see page 31 price listing.

SERIES "G" SMALL DROPS AND KNOBS

Cat. No.	Size	
G-15	$\frac{5}{8}$ width of drop	
	$1\frac{1}{8}$ " " "	
G-16	$\frac{3}{4}$ diam. bolt and nut	
	$\frac{3}{4}$ " with wood screw	
G-15 or G-16 above	.....ea.	1.60
G-17	$\frac{3}{8}$	
	$\frac{1}{8}$	
	$\frac{1}{2}$	
	$\frac{5}{8}$	
	$\frac{3}{4}$	
	$\frac{7}{8}$	
G-18	$\frac{3}{8}$ These knobs all have wood screw post as illustrated.	
	$\frac{1}{8}$	
	$\frac{1}{2}$	
	$\frac{5}{8}$	
	$\frac{3}{4}$	
G-19	$\frac{3}{8}$ All Cat. No's. and sizes are priced alike	
	$\frac{1}{2}$	
	$\frac{5}{8}$	
	$\frac{3}{4}$	
G-20	$\frac{3}{8}$ \$.75 each	
	$\frac{1}{2}$	
	$\frac{5}{8}$	
	$\frac{3}{4}$	
G-21	$\frac{1}{8}$ width of drop	
	$\frac{3}{4}$ " " "	
	1 " " "	
G-22	$\frac{5}{8}$ Oval ring	
	$\frac{5}{8}$ round ring	
	$1\frac{1}{8}$ " "	
Any size G-21 or G-22 above		Price each \$1.60

SERIES "H" HINGES

Cat. No.	Size	Price Pair
First size is length along pin.		
H-15	1½ x 2 When Open, Cast	5.00
	1¾ x 2½ " " "	5.40
H-16	Butler Tray, 1½ x 2½	2.60
H-17	Grandfather Clock Door	7.00
H-18	" " "	6.50

These clock hinges are 1½" along pin, all other sizes are made to fit. State thickness of door, and offset if the door has a lip. Price for H-17 and H-18 includes any usual offset.

H-19	3	Tall, Brass	3.40	
	3½	“ “	3.80	
	4	“ “	4.00	
	Height	Width	Joint Length	Pair
H-19	5	2½	2 ³ / ₁₆	10.00
	6	“	“	11.00
	7 ⁵ / ₁₆	“	“	12.00

Brass "H-L" hinges, any size above, 2.50 per pair extra. Offset H-19 or H-19-HL hinges will be furnished at small extra charge. Minimum per pair .50, state quantity and offset needed for quotation.

H-20	4 x 2 Brass	6.00
H-21	2 x 1½ When Open, Cast	3.00
	1 x 1 " " "	3.50
	13/16x13/16 " " "	3.25

The two small sizes of H-21 are used on inside desk doors.

H-22	1¾ x 1¾	4.00
H-23	5 x 2	3.00

This makes a fine hinge for kitchen cabinets stocked for flush or molded offset millwork, price is the same.

H-24	2 Long When Closed	3.50
	2½ " " "	4.00
	3 " " "	4.50
H-25	1½ x 1½ Knife Box	7.00
H-26	1½ x 17	17.00

All above hinges are solid cast brass of the very finest workmanship. These are in stock with screws to match in GOLDEN GLOW polished or ANTIQUE finish, please state preference.

Cat. No.	Size	Price Pair
H-35-N	1 x ¾	.30
	1¾ x 29/32	.40
	2¾ x 13/16	.60
	3 x 1½	1.00
H-35-M	7/8 x 13/16	.30
	1¾ x 7/8	.35
	1½ x 1	.40
	1¾ x 1	.50
H-35-B	2½ x 17/32	1.00
	1 x 13/32	.30
	1¾ x 11/16	.45
	1¾ x 1¼	.60
H-35-D	2 x 1¾	.75
	3 x 2¾	1.10
	1½ x 1½	.45
	1½ x 2	.90
	1¾ x 27/16	1.25
	2 x 31/16	1.50

Sizes above—First size is length along pin, second is width when open.

Hinges H-35-N to and including H-35-D are stock rolled hinges that have been refinished by us and carried in stock with screws to match in GOLDEN GLOW polished or ANTIQUE finishes at prices listed, state preference.

IRON TABLE HINGES

Cat. No.	Size	Price Pair
H-36-A	1½ x 2½ Iron	.30
H-36-B	1¾ x 2¾ " "	.32
H-36-C	1¾ x 3½ " "	.35

Hinges H-36-A, B and C are iron table leaf, commercial unfinished iron without screws. Other finishes or screws at extra charges.

MISC. WROUGHT IRON HINGES

Cat. No.	Size	Price Pair
H-37	9 Long Leaf x ¾ Offset	12.50
	10 " " " " "	13.00
	12 " " " " "	13.50
	14 " " " " "	15.00
H-38	1¾ x 3½	4.50

Hinges H-37 are for blanket chests. These are fine quality hand forged iron.

H-38 and H-41 are also of this high quality, all are furnished at prices listed with screw-slotted forged-head wood screws. Semi-handmade nails will be furnished at no extra charge.

Cat. No.	Size	Item	Quality	Price Pair
H-39	3"	"H" Hinge	B	1.50
		" "	C	6.00
	4"	" "	B	2.40
		" "	C	7.00
	7"	" "	B	4.00
		" "	C	10.00
	9"	" "	B	6.00
		" "	C	12.00
H-40	3"	"H-L" Hinge	B	1.60
		" "	C	7.00
	4"	" "	B	2.80
		" "	C	9.00
	7"	" "	B	4.50
		" "	C	12.00
	9"	" "	B	7.00
		" "	C	14.00

INFORMATION

"B" Regular quality hinges reworked and refinished in flat black paint. Much used for general restorations of furniture and built-in cabinets, house doors, etc. Pyramid screws furnished. Cut or hand forged nails to special order at additional charge.

"C" The very finest, these are hand forged at the anvil and are equal to originals. In addition to sizes listed we can furnish to order any other size. All sizes are furnished with hammered-head cut nails or pyramid screws at prices listed. Hand forged nails to order at extra charges. Off-set hinges in all above qualities and sizes will be quoted, please state off-set needed and quantity and size of hinge.

H-41	3¾	Iron Rat Tail	pr. 4.50
	4¾	" " "	pr. 4.65

SERIES "I" BED BOLT CAPS

Cat. No.	Size	Price Each
I-20	3½ x 2 Embossed	1.40
I-21	2½ x 1½ Cast	1.00
I-22	1¾ Diam. " "	1.00
I-23	1½ " " "	1.00
I-24	1½ Embossed	.60
I-25	1½ Heavy Embossed	1.40
I-26	2 Diameter*	2.00
I-27	2½ " *	2.00

*These have cast rim with embossed face spun on, finest quality bed bolt covers made.

SERIES "J" CATCHES, ETC.

Cat. No.	Size	Description	Price Each
J-35	1 1/4	Diam. Tilt Table Catches	3.50
J-36	1 3/8	" " " " " "	4.00
J-37	2 7/8 x 2 1/4	" " " " " "	5.00
J-38	3 3/8 x 2 3/4	" " " " " "	6.00
J-39	" " x 5 1/2	C to C	16.00
J-40	4	Radius, as illus.	7.00
J-41	4 1/2	" " " " " "	7.50
J-42	2 1/2 x 1 1/8	Butler Desk Catch	8.20
J-43	2 1/2	C to C of Tangs	3.00
J-44	3	Flush Type	1.50
J-45	3	With Knob	1.70
J-46	4	" " " " " "	1.90
J-47	4	Inside Cupboard Catch	.80

All items from J-44 to J-50 have post and nut with finger, also rosettes as illus. in side view. For matching knobs see series "F."

J-44	1 3/8	Across Bow	3.00
J-45	1 5/8	" " " " " "	3.05
J-46	1 3/4	" " " " " "	3.10
J-47	2	" " " " " "	3.15
J-48	1 5/8	" " " " " "	3.20
J-49	2	" " " " " "	3.25
J-50	1 5/8	" " " " " "	5.00
J-51	1 1/2	" " " " " "	6.00
J-52	1	Diam. Round	1.80
J-53	1 1/4	" " " " " "	2.00
J-54	1 1/4 x 1	Oval Knob	2.60
J-55	1 1/8 x 1 1/4	" " " " " "	2.70
J-56	1 1/8 x 2 1/4	Cupboard Catch	4.00
J-57	1 1/2 x 2 3/8	" " " " " "	4.10
J-58	1 1/2 x 2 1/2	" " " " " "	5.00
J-59	2 1/8 x 2 7/8	" " " " " "	4.00
J-60	4	x 2 3/4 "H" Catch	6.00
J-61	3	x 2 1/4 " " " " " "	5.00
J-62	4	x 2 1/2 " " " " " "	5.25
J-63	3	x 2 3/8 " " " " " "	1.50

All items on page 15 are solid brass except J-56. This iron latch matches quality "B" H-39 and H-40 hinges. Hand forged quality J-56 3", 6.00 each, 4", 6.50 each.

SERIES "K" CASTERS

1st size is inside at top
2nd " " outside " "
3rd " " height including yoke and wheel
4th " " diam. of wheel

Cat. No.	1st	2nd	3rd	4th	Price Each
K-20	1 1/8	1 1/8	2 1/8	3/4	3.00
	7/8	1 1/8	2 1/8	3/4	3.10
	1	1 5/8	2 1/8	3/4	3.20
	1 1/8	1 7/8	2 1/4	1	3.30
	1 1/4	1 9/8	2 1/2	1 1/8	3.40

K- K-20 sockets are square.

Cat. No.	1st	2nd	3rd	4th	Price Each
K-21	3/4	7/8	1 1/4	3/4	2.50
	7/8	1	1 1/8	3/4	2.60
	1	1 1/8	2	3/4	2.70
	1 1/8	1 1/4	2 3/8	1	2.30
	1 1/4	1 3/8	2 3/4	1	2.90
	1 1/2	1 1/2	2 7/8	1 3/8	3.50

K- K-21 sockets are round.

Cat. No.	1st	2nd	Total Height	Price Each
K-22	$\frac{7}{8}$	1	2 $\frac{1}{4}$	2.80
Cat. No.	Height (not inc. stem)		Wheel size	
K-23	1		$\frac{3}{4}$ "	
	1 $\frac{1}{4}$		1	
	1 $\frac{1}{2}$		1 $\frac{1}{8}$	

Prices K-23 same as K-25, 26 & 27 below.

DUNCAN PHYFE TYPE CASTERS

A is size across top outside
B " " " bottom "
C " " " from top to bottom outside
D " app. wall thickness
All sizes are at large end, shoe size only.

Cat. No.	A	B	C	D	Price Each
K-24	1 1/8	1 3/8	1 3/8	1/8	4.60
	1 1/8	1 3/8	1 1/2	1/8	5.00
	1 5/8	1 3/4	1 3/4	1/8	6.00
Open*	1	1 1/8	7/8	3/4	2.00
	1 1/8	1 3/8	1 1/8	3/4	2.10
	1 1/8	1 3/8	1 1/8	7/8	2.50
	1 1/8	1 3/8	1 1/8	1/8	3.00
	1 5/8	1 3/4	1 3/4	1/8	3.50

*These are open bottom shoes same design as K-24, usually used with domes.

SHALLOW CUP AND PLATE CASTERS

K-25	3/4	Round Cup—Inside	
	7/8	" " " " " "	
	1	" " " " " "	
	1 1/8	" " " " " "	
	1 1/4	" " " " " "	
K-26	1	Sq. Cup—Inside	
	1 1/8	" " " " " "	
	1 1/4	" " " " " "	
K-27	1 1/8	Diam. Plate	
	1 1/4	" " " " " "	
	1 7/8	" " " " " "	

Prices—All sizes K-23, 25, 26 and K-27 \$30.00 per Doz. for 1 Doz. or more. 3.00 ea. for any quantity less than 1 Doz.

TEA CADDY OR BOX FEET

K-28	1/2 or 3/4	Diam.	1.00
K-29	1/2	Tall	2.00
K-30	1/2	"	.75
K-31	3/4	"	1.10

Please be careful when ordering casters, be sure of size and Cat. No. and finish, antique or polished. Greater than usual service charge must be made on returns.

SERIES "L" ESCUTCHEONS

Each package contains 12 (1 doz.) Escutcheons, save by buying this way. Regardless of total quantity any split package will be at the "each" price.

Cat. No.	Size	Description	Pkg.	Each
L-60	2 x 2	Cast, hand chased	25.00	2.50
L-61	1 3/4 x 1 3/4	" " " " " "	25.00	2.50
L-62	1 1/4	" " " " " "	20.00	2.00
L-63	1 5/8	" " " " " "	25.00	2.50
L-64	1 3/4 x 1 1/8	Embossed	5.00	.60
L-65	1 1/2 x 1	" " " " " "	5.00	.60
L-66	1 1/2 x 1 1/8	" " " " " "	5.00	.60
L-67	5/8	Outside Length	5.00	.60
	1 1/8	" " " " " "	5.00	.60
	3/4	" " " " " "	5.00	.60
	7/8	" " " " " "	5.00	.60
	1	" " " " " "	5.00	.60
	1 1/8	" " " " " "	5.00	.60

L-68 Made of Imitation Ivory in any usual size, send drawing. \$2.00 each, 4 for \$5.00

L-68 Genuine Ivory, priced on quantity, size, etc., about triple above.

Cat. No.	Size	Description	Pkg.	Each
L-69	1 1/8 x 1	Embossed	5.00	.60
	1 1/2 x 1 1/8	" " " " " "	5.00	.60
L-70	1 1/8	Diam.	5.00	.60
	1 1/8	" " " " " "	5.00	.60
	1 1/8	" " " " " "	5.00	.60
L-71	1 1/8 x 1 1/2	" " " " " "	5.00	.60
L-72	1 7/8	Cast	10.00	1.00
L-73	1	Embossed	5.00	.60
	1 3/16	" " " " " "	5.00	.60
L-74	1 1/8	Cast	5.00	.60
L-75	1 1/8 x 1	Embossed	5.00	.60
	1 1/2 x 1 1/8	" " " " " "	5.00	.60
L-76	1 1/8 x 1 1/2	" " " " " "	5.00	.60
L-77	1 1/2	" " " " " "	5.00	.60

SERIES "L" ESCUTCHEONS, Continued

Each package contains 12 (1 doz.) Escutcheons, save by buying this way. Regardless of total quantity any split package will be at the "each" price.

Cat. No.	Size	Description	Pkg.	Each
L-78	1 $\frac{1}{16}$ x 1 $\frac{1}{4}$	Cast	10.00	1.00
L-79	"	"	10.00	1.00
L-80	1 $\frac{3}{8}$	"	10.00	1.00
L-81	1 $\frac{1}{2}$ x 1 $\frac{3}{16}$	"	10.00	1.00
L-82	1 $\frac{1}{16}$	"	10.00	1.00
L-83	1 $\frac{3}{8}$ x 1 $\frac{1}{4}$	"	10.00	1.00
L-84	1 $\frac{3}{8}$ x 1 $\frac{3}{16}$	"	10.00	1.00
L-85	1 $\frac{3}{8}$	"	10.00	1.00
L-86	1 $\frac{1}{2}$ x 1 $\frac{1}{16}$	"	10.00	1.00
L-87	1 $\frac{3}{8}$ x 1 $\frac{3}{8}$	"	10.00	1.00
L-88	2 $\frac{1}{8}$ x 1 $\frac{3}{8}$	"	10.00	1.00
L-89	2 $\frac{1}{4}$ x 1 $\frac{1}{2}$	"	10.00	1.00
L-90	2 x 1 $\frac{1}{2}$	"	10.00	1.00
L-91	2 $\frac{1}{4}$ x 1 $\frac{1}{2}$	"	10.00	1.00
L-92	2 x 1 $\frac{3}{8}$	"	10.00	1.00
L-93	2 $\frac{1}{8}$	Sm. Door Esc.	20.00	2.00
L-94	1 $\frac{3}{8}$	" " "	20.00	2.00
L-95	1 $\frac{1}{2}$	" " "	20.00	2.00
L-96	1 $\frac{1}{2}$ x 1 $\frac{3}{8}$	Desk Lid	10.00	1.00
L-97	"	" "	20.00	2.00
L-98	2 x 1 $\frac{5}{8}$	" "	20.00	2.00
L-99	4 $\frac{3}{8}$	Cupboard	25.00	2.50
	5 $\frac{5}{8}$	"	25.00	2.50
L-100	2 $\frac{1}{2}$	"	15.00	1.50
	3 $\frac{1}{4}$	"	15.00	1.50
	4	"	15.00	1.50
	5	"	15.00	1.50

Note—L-99 and L-100 are stocked in right and left. Illus. are right hand.

L-101	2 $\frac{1}{2}$	Cupboard	14.00	1.40
	3 $\frac{1}{4}$	"	14.00	1.40
L-102	3 $\frac{5}{8}$	"	25.00	2.50
L-103	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	Cast	10.00	1.00
L-104	1 $\frac{1}{2}$ x $\frac{7}{8}$	"	10.00	1.00
		Esc. to match A-70 or A-71 2 x 2"	10.00	1.00
L-105		Tea Caddy	20.00	2.00
L-200		Brass sizes 1 $\frac{3}{4}$ x 1 $\frac{1}{4}$ to 2 $\frac{1}{2}$ x 1 $\frac{3}{8}$, stock on our X-100 locks and others, suitable for all sizes of original locks. State keyhole size required, all the same price 2.00		
L-201		Brass, size 2 $\frac{7}{8}$ x 2 $\frac{3}{8}$	2.50	
L-202		" " " x " with cover	3.00	
L-203		" " " x " stock on our X-90, with oval cover which hides the cylinder, can be used on any cylinder.	3.00	
L-204		Brass, size 2 $\frac{3}{8}$ x $\frac{3}{4}$ with half round tear drop cover	3.00	

SERIES "M" FINIALS

Cat. No.	Size	Price Each
M-25	5 $\frac{1}{2}$ Tall, 2 $\frac{1}{4}$ Ball	5.50
M-26	Same with Eagle	6.50
M-27	5 $\frac{1}{2}$ x 4 $\frac{1}{2}$	6.00
M-28	3 $\frac{3}{8}$ Tall, 1 $\frac{3}{4}$ Ball	5.00
M-29	Same with Eagle	5.50
M-30	2 $\frac{1}{4}$ Tall, 3 Wide	3.50
M-31	2 $\frac{1}{8}$ " " "	3.50
M-32	4 $\frac{3}{8}$ " 1 $\frac{3}{4}$ Ball	5.50
M-33	2 $\frac{1}{8}$ Tall 1 $\frac{3}{4}$ Wide	2.50
M-34	2 " 1 $\frac{1}{2}$ "	2.50
M-35	3 " 4 $\frac{3}{4}$ "	10.00
M-36	1 " $\frac{5}{8}$ "	1.00
M-37	1 $\frac{3}{8}$ " $\frac{7}{16}$ "	5.00
M-38	4 $\frac{1}{2}$ " 2 Urn	7.50
M-39	1 $\frac{1}{2}$ " 3 $\frac{1}{2}$ Wide	3.50
M-40	2 $\frac{1}{4}$ " 3 $\frac{1}{4}$ "	5.00
	3 " 6 "	10.00
M-41	5 $\frac{1}{4}$ " 5 $\frac{3}{8}$ "	16.00
M-42	2 $\frac{1}{8}$ " $\frac{5}{8}$ "	3.00
M-43	2 $\frac{1}{4}$ " 1 "	3.50
M-44	2 $\frac{3}{4}$ " 1 $\frac{1}{8}$ "	4.00
M-45	3 $\frac{3}{8}$ " 1 $\frac{3}{8}$ "	6.00

Grandfather clocks, use M-25. M-26 may be used in center. Use M-26, M-27 or M-38 types where one only is used for center of broken arch.

Grandmother clocks use M-28 and M-29, etc.

Eli Terry clocks, use M-45.

Banjo clocks, use M-30, M-38 or M-40.

The other finials are for many uses, barometer, shaving stand, small shelf clocks, post lanterns, etc.

All are furnished in polished "Golden Glow" finish unless otherwise ordered.

SERIES "N" CLOCK ITEMS

Hands, keys, weight wheels, column ends, spandrels and moon brackets can be furnished but no listing is available. Please state exact sizes and quantities. Copies of your originals can usually be made.

No clock paintings can be furnished.

RING PULLS SERIES "O"

Cat. No.	Boring	Overall Size
O-30		2 $\frac{3}{4}$
O-31	2	Plate, 1 $\frac{3}{4}$ Ring
O-32		No longer made
O-33	1 $\frac{1}{2}$	" 1 $\frac{1}{2}$ "
O-34	2	" 2 $\frac{1}{2}$ "
O-35	1 $\frac{1}{4}$	" 1 $\frac{1}{2}$ "
O-36	1 $\frac{3}{8}$	Overall Diam.
	2	" " "
	2 $\frac{1}{2}$	" " "
O-37	2 $\frac{3}{4}$	Plate, 2 $\frac{1}{8}$ Boring
O-38	2 $\frac{3}{8}$	" 2 "
O-39	1 $\frac{1}{4}$	Head, 1 $\frac{1}{2}$ Ring
	1 $\frac{1}{2}$	" 1 $\frac{5}{8}$ "
	2	" 2 $\frac{1}{4}$ "
O-40	1 $\frac{3}{8}$	Overall Diam.
	2	" " "
	2 $\frac{1}{2}$	" " "
O-41	1 $\frac{1}{2}$	Plate, 1 $\frac{3}{4}$ Ring
O-42	1 $\frac{3}{8}$	" 1 $\frac{5}{8}$ "
O-43	2 $\frac{1}{4}$ x 1 $\frac{1}{4}$	Overall
	2 $\frac{7}{8}$ x 3	"
O-44	2 x 1 $\frac{1}{2}$	"
	2 $\frac{1}{8}$ x 2	"

PRICES

O-30, O-34, O-37, O-38 and both sizes of O-43 and O-44, \$3.00 each.

O-31, \$2.50 each.

O-33, O-35, O-41 and O-42, \$1.50 each.

O-36, O-39 and O-40—
small sizes \$2.20 each
medium " 2.60 "
large " 3.00 "

SERIES "Q" PINS

Prices on page 50 of catalog.

SERIES "R"

FIREPLACE JAMB HOOKS

R-20	6.50 each,	12.00 pair
R-21	3.50 "	6.00 "
R-22	6.75 "	12.50 "
R-23	10.50 "	20.00 "
R-24	5.50 "	10.00 "
R-25	6.50 "	12.00 "
R-26	4.50 "	8.00 "
R-27	9.50 "	18.00 "

These are used to hold shovels, tongs, and pokers. Wood screws are furnished for mounting. They are normally used in pairs but may also be used individually.

Note: R-20 is illustrated left and right hand—hand must be specified for hook #R-20 and R-27. All others will mount on either side.

SERIES "R"

PICTURE HOOKS

Cat. No.	Sizes	Price Each
R-50	2½ x 5¼	2.50
R-51	4 x 5	3.00
R-52	2½ x 5	2.50
R-53	1¾ x 2½	1.00
R-54	¾ x 1½	.50
R-55	1 x 1½	.50
R-56	2¼ x 5	2.50
R-57	1¼ x 2	1.00
R-58	3 x 3	1.50
R-59	¾ see footnote	
R-60	7/8 " "	
R-61	2 x 2¼	1.00
R-62	¾ x 1¼	.50
R-63	¾ x 2	.50
R-64	1½ x 1½	2.00
R-65	1½ x 2¼	2.50
	1¾ x 3½	3.00
R-66	2¼ x 2¼	1.00
R-67	1½ x 2½	.75
R-68	1 x 1	.50

Minimum order on R-59, 4 for 1.00

" " " R-60, 2 " 7.50
R-60, 10 " 3.00

HOOKS PAGE 46

\$2.50 each or 13.50 for six of Cat. No.'s R-101, 102, 103, 130, 131, 201 or R-203.

\$1.50 each or 8.10 for six of Cat. No.'s R-69, 70 or R-500.

R-71 .50 each or 2.00 for six

R-72 .35 " " 10.00 " fifty

R-200 or R-501, 2.00 ea., six for 10.00

R-109 or R-110, 5.00 each

R-600 2, 3 or 4 buttons, 9.00 each

SERIES "S"

Miniature pulls, etc.

Cat. No. Boring Overall Size

We make many other designs

S-21 2 2¾ x 2

S-22 1½ 2½ x 1½

S-23 2 2½ x 1½

S-24 1½ 1¾ x 1

S-25 1¼ 2 x 1½

S-26 1¼ 1½ x 1½

Above Pulls 2.50 each

Esc. for any above can be furnished at same price as pulls.

S-27 1½ 2 x 1¾

S-28 1¾ 2 x 1

1½ 2¼ x 1½

S-27 & S-28 3.00 each

S-29 1¼ 1¾ x 1¼

S-30 1½ 2 x 1¾

S-29 & S-30 2.50 each

S-31 Esc. 1 x 1¼

S-32 Esc. 1¼ x 1

S-31 & S-32 1.00 each

S-33 Knob 5/16 Diam.

.50 ea. or 3.00 per doz.

S-34 H Hinge 7/8 Tall

1.50 pr., 8.00 for 6 pr.

S-35 Eagle 1½ "

2.00 each

CABINET LOCKS SERIES "T"

Sizes given below are in conformity with the illustrations in the catalog, selvedge (abbreviated sel.) is an important measurement. It is the distance from the center of the key pin to the outer edge of the lock.

All locks are complete with screws.

Style	Material	Width	Height	Sel.	Each
A	Brass	2¾	2¼	1½	4.00

STYLE A—is a bevelled edge lock for slope lid desks, full polished GOLDEN GLOW or ANTIQUE finish, furnished with brass key.

Style	Material	Width	Height	Sel.	Each
C	Brass	1¾	2½	5/8	3.00
	"	2¼	2¾	1½	3.00
	Iron	2¼	2¾	1½	2.50
*	Brass	1¼	1¾	½	3.00
*	"	1¾	2	5/8	2.00

* These in left hand only.

STYLE C—These are right and left hand cupboard locks. The one on the left is a LEFT HAND LOCK. Give hand when ordering. Finishes same as style F below. To tell the hand of ANY door, stand with your back against it so that it cannot open; if the HINGES are on the left it is a LEFT HAND door.

Style	Material	Width	Height	Sel.	Each
F	Brass	1¾	1¾	½	3.00
	"	1¾	2	5/8	2.00
	"	2½	1¾	5/8	3.00
	"	2¾	2¼	1½	3.00
	Iron	1¾	1¾	½	1.00
	"	2¾	2¼	1½	2.50

STYLE F—These are used for drawers in any kind of furniture, note we make some in brass and some in iron. Brass locks are furnished in golden glow or antique. Iron locks have a good quality non-colored finish. We also try to keep locks on hand in our special rusted and refinished color; add \$.50 net per lock for this special finish.

Style	Material	Width	Height	Sel.	Each
G	Brass	1½	3	5/8	2.00
	* Iron	1¼	2½	5/8	1.00

* This is a regular hardware grade lock not made by us. Commercial hardware finish. The brass ones are in antique finish, these are of fine quality.

STYLE G—Wardrobe lock, this is universal and can be mounted on either RIGHT or LEFT hand door and requires no inletting, an inexpensive and easy to mount lock.

I	Brass	7/8	1¾	¾	2.75
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STYLE I—This is an exact copy of Eli Terry's clock door lock, furnished in GOLDEN GLOW polished or ANTIQUE finish with brass key.

Style	Material	Width	Height	Sel.	Each
J	Brass	1¾	1¾	¾	2.75
	"	2	1¾	¾	2.50
	Iron	1¾	1	¾	2.20
	"	2½	1¾	1½	1.50
	"	2½	1½	1½	1.75
	"	4	6½	3	12.00
	"	4	6½	4	12.50
	"	4	6½	4½	13.00

STYLE J—Chest lock for blanket chests and case furniture of the lift lid type.

Style J finishes same as on style F locks above.

The last locks listed are copies of an antique type but not the best. See T-J Chest Lock on page 52, give full information and selvedge size for quotation.

More information about Series "T" on next page

INFORMATION ABOUT LOCKS

SERIES "T"

The designs of key bows shown with locks are subject to changes, even from order to order. Some are brass and some are iron, some have iron shanks with brass bows. We make service charges on returned material so if you wish brass key bows furnished with our stock locks state so on each order. We will then ship at extra charges or at stock prices if usually furnished with brass bows.

For many years we have made some of the locks that we sell, and have bought some from other makers. One after another, other makers have discontinued the types needed for antique furniture. As this price list goes to press, we have planned to make all needed types and sizes. In the meantime, please give full particulars of your needs and we will try to help you.

Hand made locks of special sizes will be made but usually they are too costly to consider, sometimes stock or odd locks can be revised. Some original ones are usually on hand. If time or costs are factors it might be well to forget locks other than listed.

BRASS KEY BOWS

Bows No. 1 to 11 although illustrated as bows are complete keys, each one made in one size only.

When ordering our locks you may have these key designs, select by No. and if possible we will furnish at \$1.00 each extra.

If you wish keys fitted to one or more of your locks or bows fitted to your key shanks send locks or keys, most common sizes range from \$2.00 to 3.00 each.

Complete keys No. 1 to 5 incl. \$.75 each, No. 6 to 11 incl. \$1.00. Min. order 6 keys, alike or mixed. These have finished uncut, undrilled shanks and full polished bows.

The important point when ordering blanks is to know that the shank is long enough, has the correct diameter and bit size. For best service give sizes and let us select design of bow.

SERIES "U"

Cat. No.		Price
U-34	Chest lift 4" boring Plate size 5½ x 3	pair 11.00
U-34-A	Chest lift 4½" boring Plate size 6½ x 4	pair 16.00
U-35	3" boring	pair 6.00
	4" "	pair 8.00
U-36	Mirror screws	pair 2.50
U-37	Mirror screws	pair 3.00
U-38	Mirror screws	pair 5.00
U-39	Pole screen fitting, plate may be turned either way, for 1" or 1¼ pole pair	10.00
U-41	Ivory knobs, state needs for quotation	
U-43	Glass knob bolts, ¾ or ½ brass head x any length you need-per doz.	6.00-each
U-54	Mirror rosette 1" cast	each .75
U-55	" " 1½ "	each .75
U-56	" " 1 "	each .75
U-60	Bed bolts 6 x ¾ with nut	each .50
	" " " " " " 3 doz.	12.00
	Bed bolt wrenches	each 1.00
U-102	Pole screen fitting, plate size 8" x 1½" spring type for 1" or 1¼"	
	diam. poles, state size	each 7.00
U-104	Hanger, brass 1½ x 1½	each .75

See page 52 for additional items.

SERIES "W" LIGHTS

ELECTRIFIED WITH SHADES

W-140-E-S	3 Arm	price each	150.00
W-140-E-S	5 Arm	price each	225.00

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ELECTRIFIED WITHOUT SHADES

W-140-E	3 Arm	price each	130.00
W-140-E	5 Arm	price each	150.00

CANDLE BURNING WITHOUT SHADE

W-140-C	3 Arm	price each	120.00
W-140-C	5 Arm	price each	140.00

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W-150-A or W-151-A

8½"	60.00
10"	70.00
12"	80.00

W-150-L or W-151-L

8½"	80.00
10"	90.00
12"	100.00

ACCESSORIES FOR LAMPS

Canopies

Finest quality cast brass 5 1/8" diameter with large
ring 1 3/4" diameter 6.00
Note: this ring fits against the canopy and threads
onto the electrical connection

Chain

O.G. links, length 2½"30
Note: this is a single chain type of cast brass link that may be built up to any length desired. We recommend its use from the arms to the bottom of the smoke bell and from the smoke bell to the ring, with the use of one additional special "S" link 3¾" size as listed below.

"S" link 3 1/4" plain design 1.00
 Note: very handsome chain can be built of these
 large "S" links, one link must be used to connect
 canopy ring to chain for best appearance.
 6 feet or more — priced at \$3.00 per foot.

Sockets

For purpose of giving additional light or better appearance, we can furnish two qualities of our own hand made three-bulb clusters to take bulbs either of the "regular" household or the small "candelabra" size at \$5.00 for the standard quality or \$7.00 for the special quality with brass base.

ELECTRIC WAX CANDLES

1½ 3, or 4" tall	5.00
5½ and 7" tall	6.00

Other lengths to order.

These are 110 volt for plug-in household service.

MINIATURES

Wired for 6 volt with transformer.

Full details needed for quotation.

SERIES "W" SCONCES

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CANDLE BURNING WITH SHADES

W-160-C-S	Single	per pair	66.00
W-160-C-S	Double	per pair	122.00
W-160-C-S	Triple	.....	per pair	135.00

CANDLE BURNING WITHOUT SHADES

W-160-C	Single	.....	per pair	50.00
W-160-C	Double	per pair	68.00
W-160-C	Triple	per pair	86.00
W-161-C-S	Single	per pair	45.50

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ELECTRIFIED WITH SHADES

W-162-E-S	Single	per pair	70.00
E-S	Double	per pair	130.00
E-S	Triple	per pair	150.00
W-162-E	Single	per pair	70.00
"	Double	" "	110.00

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CANDLE BURNING WITH SHADES

W-163-C-S	Single	per pair	60.00
C-S	Double	per pair	110.00
W-163-E	Single	" "	65.00
"	Double	" "	100.00
W-163-E-S	Single	per pair	65.00
E-S	Double	per pair	120.00

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SCONCES WITH SMOKE BELLS

Note that these are priced "Each", all other sconces are priced per "pair".

W-165-A-C-S	Tall	Each	\$	50.00
W-165-G-C-S	"	"		60.00
W-165-K-E-S	"	"		70.00
W-165-N-E-S	"	"		90.00
W-166-C-S	Single	.....	per pair	60.00
W-167-C	Single	.....	per pair	32.50
W-167-C	Double	.....	per pair	39.50
W-167-C	Triple	.....	per pair	45.00
W-168-C-S	.....	Per Pair		60.00
W-169-C	Single	.....	per pair	40.00
W-169-C	Double	.....	per pair	55.00

SERIES "W" KNOCKERS

Cat. No. DOOR KNOCKERS

W-201	"S" 9" Tall, 3" Rosettes	.....	28.00
W-202	Fox 8½ x 4½	.....	18.00
W-203	Shield 8¾ x 4¾	.....	18.50
W-204	Shield 7½ x 3½	.....	7.50
W-205	Devil 9¾ x 5¾	.....	30.00
W-206	Shield 9 x 4½	.....	9.00
	7¼ x 3¾	.....	7.00
W-207	Eagle 7½ x 6	.....	22.00
W-208	Shield 6¾ x 4¼	.....	15.00
W-209	"S" 8¾" Tall, 3" Rosettes	.....	24.00
W-210	Devil 6¾ x 4	.....	12.00
W-211	Floral 9 x 6¼	.....	27.50
W-212	Shield 8½ x 4½	.....	18.50
W-213	Fox 10 x 5¼	.....	28.00
W-214	Loop 5½ x 4¼	.....	10.00
W-215	Lion 8½ x 5	.....	23.00
W-216	"S" 7½" Tall, 2½" Rosettes	.....	20.00
W-217	Eagle 6¾ x 7½	.....	14.00
W-218	Shield 7¼ x 4½	.....	16.00

NOTE: Although illustrated without strike rosette W-210 includes one. See Bed Room Knockers page 52.

These, like our other reproductions, are the very finest hand made quality, most of them have been reproduced from originals in our own possession.

Standard finish is the well-known Ball and Ball "GOLDEN GLOW".

Proper types of mounting screws with brass nuts are always furnished.

Numbers W-205, W-210 and W-215 can also be furnished in flat black paint over sand blasted surface at the same price, these resemble iron but will never discolor your door.

HOUSE HARDWARE SERIES "X"

PAGES 22 — 32

CYLINDER-KEY BOX LOCKS, BRASS

PAGE 22

These are our most popular outside door locks because access from outside is with the very convenient cylinder key. All doors with cylinder locks may be operated with the same key or different key, just as you wish. We have developed a method of mounting the cylinder back of a covered keyhole so that the appearance when on the door is the same as an original. A large brass key operates the bolt from inside.

Cat. No.	X-90,	"regular",	brass lock,	size	6 x 4"	.....	40.00
		"	"	"	8 x 4½"	.....	43.00
		"	"	"	9 x 6"	.....	48.00

"Molded edge" locks are the most beautiful box types, these were sometimes used on all the important doors in a fine home. Use today is more generally for the main front entrance.

Cat. No. X-90	"molded edge" brass lock,	size 8 $\frac{1}{8}$ x 5 $\frac{1}{4}$ "	62.00
	" " " "	" 9 $\frac{3}{8}$ x 6 $\frac{5}{8}$ "	67.00

Cat. No. X-90	"vertical",	brass lock,	size 4	wide x 6" tall	46.00
	"	"	4½	x 8" "	49.00
	"	"	6	x 9" "	54.00

French doors are usually too narrow for regular style locks so we offer tall and narrow types in two sizes.

Sizes given are for locks only and do not include keepers, they are 1 to 1½" wide.

Where you wish a box lock (any in this cat.) to show on the "wrong" side of a door we will furnish a special keeper and build the latch-bolt "reverse". Cost is usually very little, submit cross section sketch of door and jamb for quotation.

All items in this catalog are priced complete with screws, pins, rosettes or any other units needed to place in operation.

Spindle holes in all are square, and "on the square" like original locks. (Not "on the diamond").

LARGE-KEY BOX LOCKS, BRASS

These locks have key bits that operate from both sides of the door as on all original locks. Thumb-slide bolts were used on many originals, we offer X-100 style locks with slides for \$5.00 extra.

Each lock is furnished with one brass key, extra keys furnished with locks are \$3.50 each, but when ordered separately keys are more expensive.

Cat. No.	X-100	"regular"	brass	lock	size	8 x 4½"	.....	48.00
		"	"	"	"	9 x 6"	.....	53.00

Molded edge locks are the most beautiful box types, these were sometimes used on all the important doors in a fine home. Use today is more generally for the main front entrance.

Cat. No. X-100	"molded edge" brass lock	size $8\frac{1}{8}$ x $5\frac{1}{4}$ "	67.00
	" " " "	" $9\frac{3}{8}$ x $6\frac{5}{8}$ "	72.00

French doors are usually too narrow for regular style locks so we offer tall and narrow types in two sizes.

Cat. No. X-100	"vertical" brass lock	size 4	wide x 6" tall	52.00
	" " "	" 4½	" x 8" "	54.00
	" " "	" 6	" x 9" "	59.00

Lock X-M-100 Page 23

LOCK X-M-100

PAGE 23

About 90.00 each. Please describe needs for quotation. Cost is less for locks without the combination double rosette-escutcheon, or with round or oval knobs.

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IRON BOX LOCKS

All X-90 types have cylinder keys and all X-100 types have large bit keys.

These, like the brass ones shown on previous pages are intended for outside doors but may also be used throughout your home.

We will make thumb-slides on X-10 locks for an extra charge of \$5.00

IRON LOCKS WITH CYLINDER KEY

Cat. No. X-90	"regular"	Iron Lock	size 6 x 4"	32.50
" " "	"	"	" 8 x 4½"	35.00
" " "	"	"	" 9 x 6"	40.00

IRON LOCKS WITH LARGE KEYS

Cat. No. X-100	"regular"	Iron Lock	size 8 x 4½"	42.00
" " "	"	"	" 9 x 6"	47.00

IRON "VERTICAL" STYLE LOCKS WITH LARGE BIT KEYS

Cat. No. X-100	"Vertical"	Iron Lock	4½ wide x 8" tall	52.00
" " "	"	"	6 " x 9" "	57.00

IRON "VERTICAL" STYLE LOCKS WITH CYLINDER KEYS

Cat. No. X-90	"Vertical"	Iron Lock	4 wide x 6" tall	42.50
" " "	"	"	4½ " x 8" "	45.00
" " "	"	"	6 " x 9" "	50.00

Any above locks except 4 x 6" sizes with thumb slides \$5.00 each extra

"CARPENTER" STYLE LOCKS

Cat. No. X-100	Iron "Carpenter" Style,	5 x 4½"	58.00
" " "	"	6 x 4½"	63.00

Carpenter of London developed and patented this very beautiful lock about 1815, other makers were licensed to copy it, all have the brass rim on keeper and lift type latch bolt.

OUTSIDE DOOR LATCHES

All of these have knobs or lift bars for operation on either side of door but none have key mechanism.

Cat. No. X-301	12 x 5½" plate size with oval knobs on both sides	48.00
Cat. No. X-355	8½" bar length with oval knobs	32.00
	12" " " " " "	38.00
Cat. No. X-500	10½" Height	16.00
Cat. No. X-505	9¾" " "	14.00

All are furnished with pyramid head wood screws as stock or with hand hammered nails at extra charge. Rattail keepers for thumb latches are \$2.50 each extra. Black finish is stock, special finish of any kind to quotation.

All thumb latches and this bar latch are universal—that is, they will work on either right or left hand doors but when ordering X-301 it is necessary to state which hand, the one illustrated is for a left hand door.

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LOCKS AND LATCHES FOR INSIDE DOORS

All have thumb slide bolt as illustrated for bolting on inside but none have key lock.

These are of the same fine quality and look like our other locks but are less expensive because the key mechanism is not built in.

Cat. No. X-95	"regular"	box size 5 x 3¼"	Brass	22.50	Iron	22.00
" " "	"	" 6 x 4	"	24.00	"	23.00
" " "	"	" 8 x 4½	"	33.00	"	30.00
" " "	"	" 9 x 6	"	38.00	"	35.00

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Cat. No. X-95	"vertical"	box	size	3¼ x 5"	"	24.50	"	24.00
"	"	"	"	4 x 6	"	26.00	"	25.50
"	"	"	"	4½ x 8	"	35.00	"	34.50

Cat. No. X-95	"molded edge"	box	size	8½ x 5½"	Brass	only	52.00
"	"	"	"	9¾ x 6½	"	"	57.00

Cat. No. X-210	square box latch	4" x 4"	Iron	only	25.00
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X-251 and also X-301 (not illustrated) do not have slide bolts, these are generally used on closet doors or any place where a bolt is not needed.

Cat. No. X-250	4 x 4" size with 1½" round knobs	.....	16.00
"	" X-251 same but without slide	.....	14.00
"	" X-300 6 x 4" size with 1½" round knobs	.....	22.00
"	" X-301 same but without slide	.....	18.00
"	" X-350 7" bar latch with 1½" round knobs	.....	22.00
"	" X-500 9" thumb latch with regular bar	.....	9.00
"	" same with bar on plates	.....	10.00
"	" X-505 8" thumb latch with regular bar	.....	8.75
"	" same with bar on plates	.....	9.75
"	" X-1289 peg on thong	.....	1.50

Thumb latches with special keepers will be supplied for 1.00 extra so that with a little carpenter work the bar will mount on inside of closet doors instead of outside as usual.

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X-M-109 is a regular commercial quality lock for some outside doors but mainly used for inside doors where cost is a major consideration. These are all fitted with our own fine quality knobs or handles and brass keys and escutcheons. The standard backset is 2½". The special backset as used on French doors is 1½". No difference in cost, both are kept in stock but specify when ordering.

X-M-109 fitted as follows

Cat. No. X-M-109	(all have 2 L-96 esc. and 1 brass key, also 2 knob or handle rosettes).	
A	with 2 F-32 1¾" knobs	..... 15.00
B	" 1 F-32 " and 1 X-840 or X-844 lever	..... 16.50
C	" 2 X-840 or X-844 lever handles	..... 17.00
D	" 2 F-34 1¾ x 1½ knobs	..... 17.50
E	" 1 F-34 1¾ x 1½ " and 1 X-840 or X-844 lever	..... 18.00

The one great advantage of a French lever handle is that it allows hand room on narrow door stiles, generally speaking, there is ample room for round or oval knobs on the side of door that swings toward you but not on the side that swings away from you when opening. All these X-M-109 locks are reversible on the job for right or left hand and when used with knobs F-32 or F-34 present no problem but when lever handles are used a sketch of which way the door swings and which side is to be fitted with the lever will usually make life easier for the packing room.

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Items X-660 and X-685 are priced under "PAGE 31"

IRON STRAP HINGES

For outside or heavy doors we suggest the use of X-1061 which is a heavy and stronger than usual hinge. Jamb leaf as illustrated is most satisfactory but not as authentic as drive pintle "B". Standard practice where door frame of modern type is to be used but where early appearance is important is to use pintle leaf "A". Drive pintle "B" requires a very heavy frame—usually 4 x 4 or larger, screw pintle "C" usually satisfactory for X-1081 hinges only.

All prices are for hinges as illustrated with standard leaf. For any size or type hinge on this page with pintle leaf "A" add \$2.50 per pair. Ask for quotations on "B" or "C" pintles, state size and quantity and send sketch of framing.

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HEAVY STRAP WITH JAMB LEAF

Cat. No.	Length	Width	Height of Leaf and width		Price Pair
X-1061	18"	1 $\frac{7}{8}$ "	3 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	10.50
"	24"	"	"	"	12.50
"	30"	"	"	1 $\frac{3}{4}$ "	15.50

MEDIUM WEIGHT, FOR INSIDE DOORS

Cat. No.	Length	Width	Height of Leaf and width		Price Pair
X-1071	12"	1 $\frac{1}{2}$ "	3"	1 $\frac{1}{4}$ "	8.50
"	18"	"	"	"	9.50
"	24"	"	"	"	11.00

LIGHT HINGES FOR SMALL DOORS

Cat. No.	Length	Width	Height of Leaf and width		Price Pair
X-1081	6"	$\frac{7}{8}$ "	1 $\frac{3}{4}$ "	$\frac{3}{4}$ "	5.50
"	8 $\frac{3}{4}$ "	"	"	"	6.00
"	10"	"	"	"	6.50

Lengths as listed are from end to center of pin, width is at widest point near joint. Height of leaf and width denotes that section of leaf that will be insetted in door jambs. All of these hinges when mounted with pintle leaf "A" look like those illustrated on the Dutch door illustrated above.

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Cat. No.	Item				Per Pair
X-1161	Dummy strap, iron,	18" long x 3"	(not a hinge)	6.00
"	" " " "	24" " x " "	" " " "	8.00
"	" " " "	30" " x " "	" " " "	.....	11.00

Use regular butt hinges 3" size and paint black to match the straps, these are for decoration only and may be used on either or both sides of door.

BRASS "H" and "H-L" HINGES

IRON "H" and "H-L" HINGES

Are listed and priced under Series "H"

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BLIND AND SHUTTER HARDWARE

Cat. No.	Item				Price
None	Shutter ring 1 $\frac{1}{2}$ " with staple	1 doz.	3.00 or ea.	.50
X-1224	Regular type black iron bolt	10"	1 doz.	40.00 or ea.	4.00
X-1224	" " " " " "	12"	1 " "	45.00 " "	4.50
X-1240	Hold-back forged iron with lag screw as "A"	.....	pair	4.00	
X-1230	" " cast	" " " " " "	"	3.00	
X-1231	" " " " " " " "	" " " " " "	"	3.00	
X-1232	" " " " " " " "	" " " " " "	"	3.50	

"A" Lag Screw is $\frac{3}{8}$ " diam. x 6" long, for stone, brick, masonry.

"B" mounts with 4 wood screws. For frame house, standout is adjustable on the job with 2 wrenches, add 2.00 per pair.

"C" mounts on wood sill, bend bar to adjust standout, add 3.00 per pair.

X-1201	Shutter Hinge 12" long with off-set	.....	pair	10.00
"	" " 18" " " " "	.....	"	12.00

Regular plate pintle as illustrated is stock at prices above, pintle on mortise butt as "1" or pintle on lag screw as "3" will be furnished at no extra charge, all are adjustable on the job.

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Cat. No.	Item		Size	With Keeper	Price Each
X-657	Iron Surface Bolt		10" x 1 $\frac{3}{4}$ "	3, 1 or 2	10.00
"	" " "		12" x 1 $\frac{3}{4}$ "	" " " "	11.00
"	" " "		18" x 1 $\frac{3}{4}$ "	" " " "	15.00
X-660	" " "		4 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	" " " "	6.00
"	" " "		6" x 1 $\frac{3}{4}$ "	" " " "	6.50
X-665	" " "		3" x 1"	4 only	3.00
"	" " "		4" x 1 $\frac{1}{4}$ "	" " " "	3.25

Select keeper for purpose intended, 1 is for top bolt, 2 is for bottom or floor bolt, 3 and 4 are for surface mounting. Special keepers at extra charge. Unless otherwise ordered keepers illustrated with each bolt will be shipped.

X-685	Iron Dutch Door Quadrant	5" tall, 4 $\frac{1}{2}$ " wide	.....	14.50
	Brass " " " "	4" " 4" " "	.....	10.00
X-710	Iron Cylinder Key Lock, 5 x 3 $\frac{1}{4}$,	.....	20.00	
	Brass " " " "	.....	20.00	

BALL AND BALL, "Whitford", 463 West Lincoln Highway, EXTON, PA. 19341

ROSETTES FOR ABOVE AT FOLLOWING PRICES	
Rosettes as used on above are of many sizes and types, stamped types are usually supplied, any size .....	.50
Flat round cast types, recommended for special uses .....	.50
Turned cast brass, also for special uses, from	1.00 to 2.00
2" Round Rosettes for X-840 or 844 .50 each, with spring as usually needed ..	.75 each.
X-871 4 3/4" hand turned cast rosettes	10.00
X-871 3 1/4" " " " "	7.50
These are used for decorative effects, sometimes on door centers with or without mountings.	
X-855 Rosette, used for locking spindle, size as needed	3.50
L-96 Brass, 1 1/2 x 1 1/2—stock on our X-M-109, this has a small keyhole not suitable for many old or reproduction locks .....	.50
L-97 Brass, 1 1/2 x 1 1/2—small keyhole, as above	1.50
L-98 " 2 x 1 1/2 " " " "	1.50
L-200 " sizes 1 3/4 x 1 1/4 to 2 1/2 x 1 1/2, stock on our X-100 locks and others, suitable for all sizes of original locks. State keyhole size required, all the same price	1.50
L-201 Brass, size 2 7/8 x 2 3/8	2.00
L-202 " " " x " with cover	2.50
L-203 " " " x " stock on our X-90, with oval cover which hides the cylinder, can be used on any cylinder.	2.50
L-204 Brass, size 2 3/4 x 3/4 with half round tear drop cover	3.00

X-651	Brass Flush Bolt	8" or 10"	1 or 2	8.50
	" " "	14" or 18"	1 or 2	12.00
1" or 2" as listed above refers to keeper types, see illustrations page 31 and also price list for page 31 for details.				
X-530	Brass Thumb Latch with turn lock,	8 1/4" tall x 1 3/4" wide		16.00
	" " " without lock,	8 3/4" " x 1 3/4" "		14.00
J-85	Brass Hook,	3 1/4" used to hold full size door open		2.50
J-86	" " "	1 1/2 x 1" used on small or narrow louvered doors or blinds		1.30
J-87	" " "	2 x 1 1/2" illus. page 52		2.50

X-1280	Fine Quality Brass Sash Lock	36.00 doz. or ea.	4.00
X-1290	" " " Casement Window Lock	45.00 for 6 or ea.	10.00
X-1285	Sash Catch for windows without weights, brass		2.00
X-1287	" " spring type, iron with brass button		3.00
X-1289	" Peg on Thong, may also be used as thumb latch lock.....		1.50
F-31 Knobs, see series "F" for prices and details.			
F-33 Knobs, see series "F" for prices and details.			
G-44	Stirrup Drop Pull on 1 3/8" plate, this mounts on door with 2 Wood Screws. Size 2" across bow		2.75
G-45	Ring Drop made as above, Ring diam. 1 5/8"		1.80
G-60	Iron Door or Drawer Pull, size 4 1/2"	1 doz. for	18.00 or ea. 2.00
G-61	" " " " " 5 1/2"	1 " " "	18.00 " " 2.00

Cat. No.	Description	Price Each
X-271	3½ x 2½ with 1¼ brass knob, right or left	9.00
X-620	3⅝ length of bar with small brass knob	3.20
	4½ " " " " " " " "	3.50
	5¼ " " " " " " " " heavy pattern	6.00
X-630	6¾ length of bar with small brass knob	4.00
X-634	" " " " " " " "	5.00
X-636	3 sizes, 4" long @ 5.00 6" long @ 6.00 8" long @ 7.00	
X-636	Same latch 12" long for gates, with rattail keeper	14.00
All above latches are designed for one side operation only, should not be used on walk-in closets. All except X-271 may be ordered with a pin lift for emergency opening on other side of door @ 1.50 extra.		