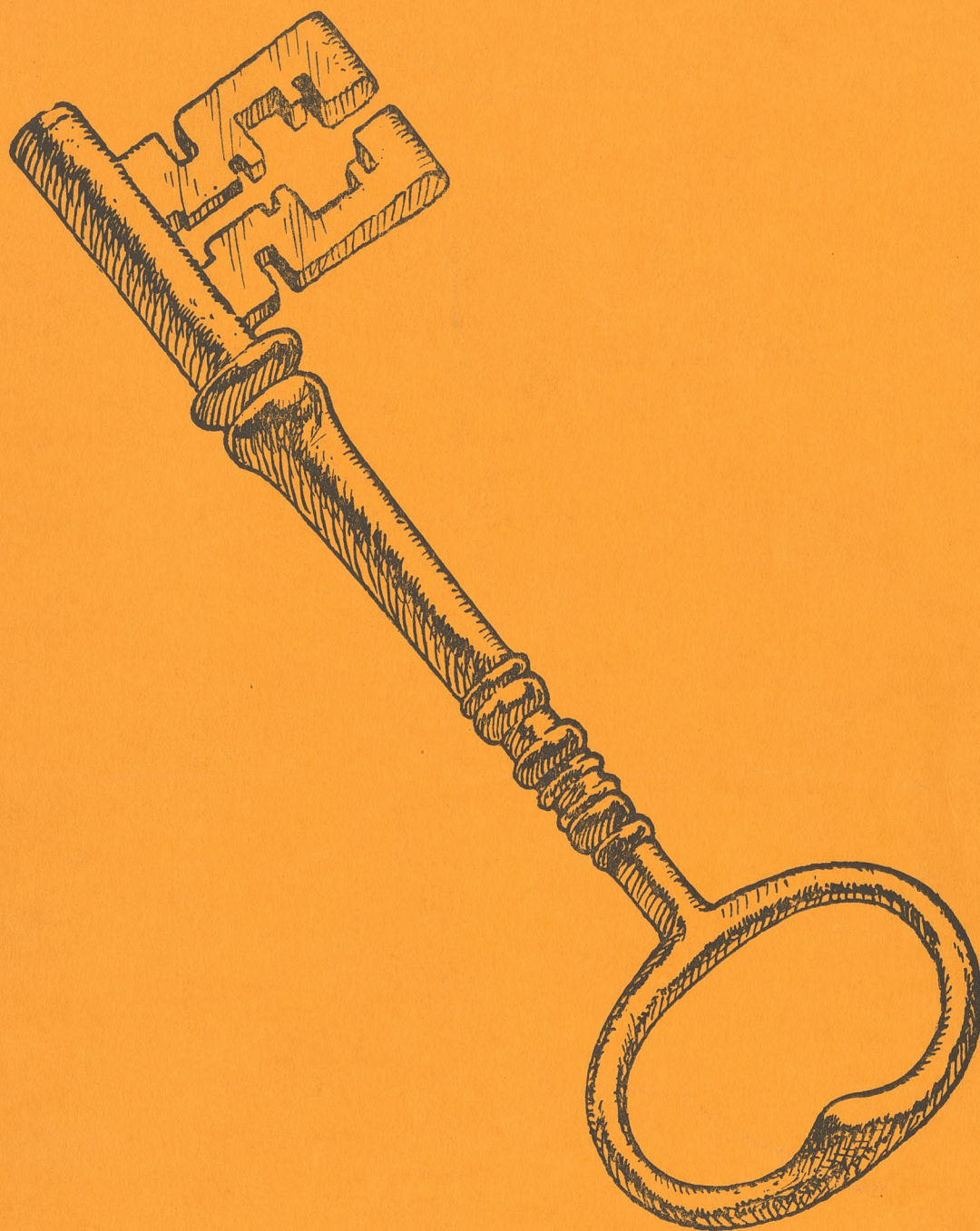




BALL and BALL
WHITFORD, PENNA.

HOUSE HARDWARE CATALOG

No. HH 61B



In our showrooms examples of our stock locks as well as many other reproductions that we make may be seen. We also have original locks, latches, hinges and other house hardware constantly on hand but they are never cataloged. Seeing is believing so do come and see for yourself the quality of these reproductions if it is at all possible. We shall be happy to discuss your needs with you Monday through Friday from 8 A. M. to 4:30 P. M.

BALL and BALL, Whitford - Exton, Pa.

PHONE AREA CODE 215 363-7330



*Twenty-five miles west of Philadelphia
on U. S. 30 -- 3 miles east of Downing-
town in the heart of Chester County's
antique district.*

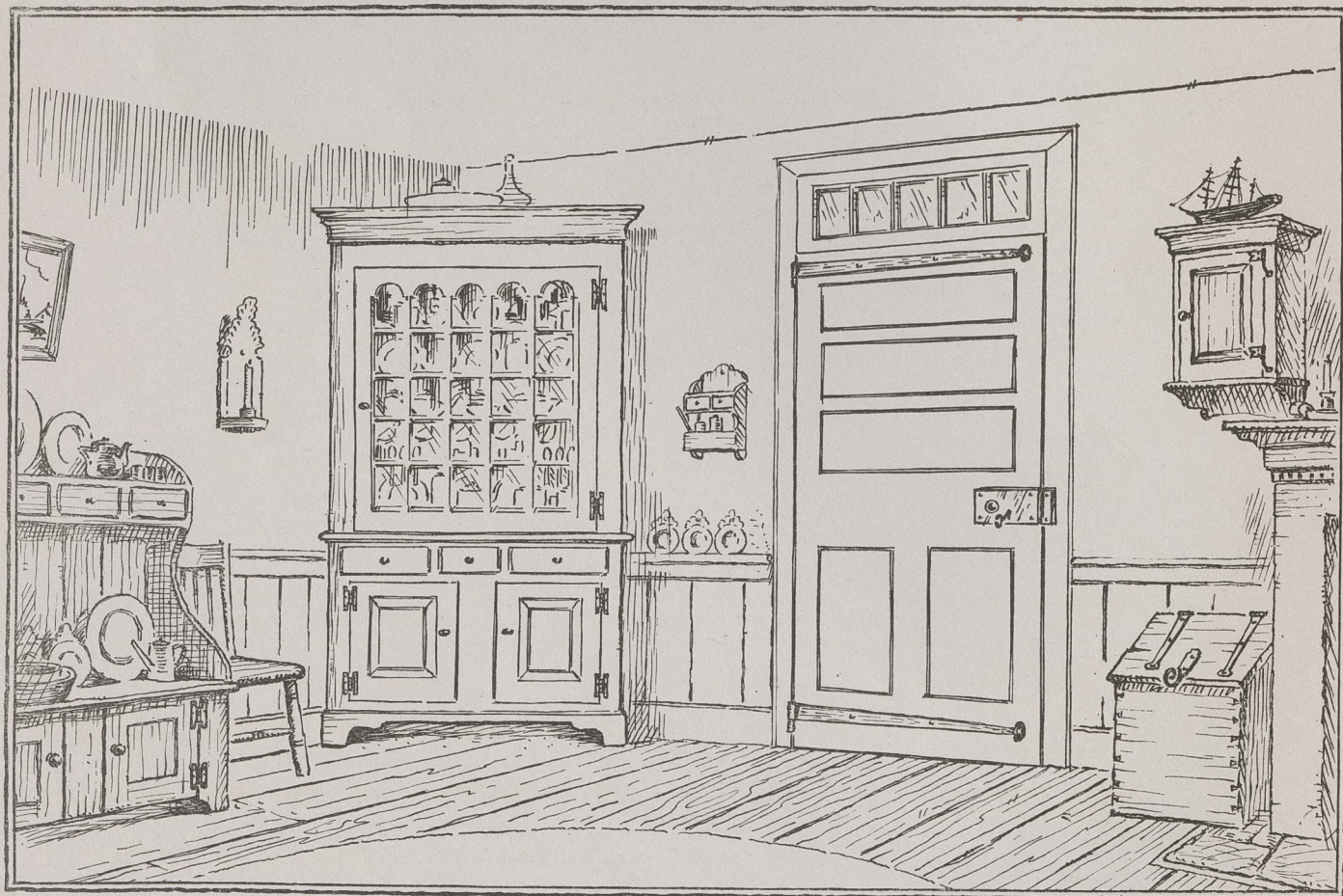
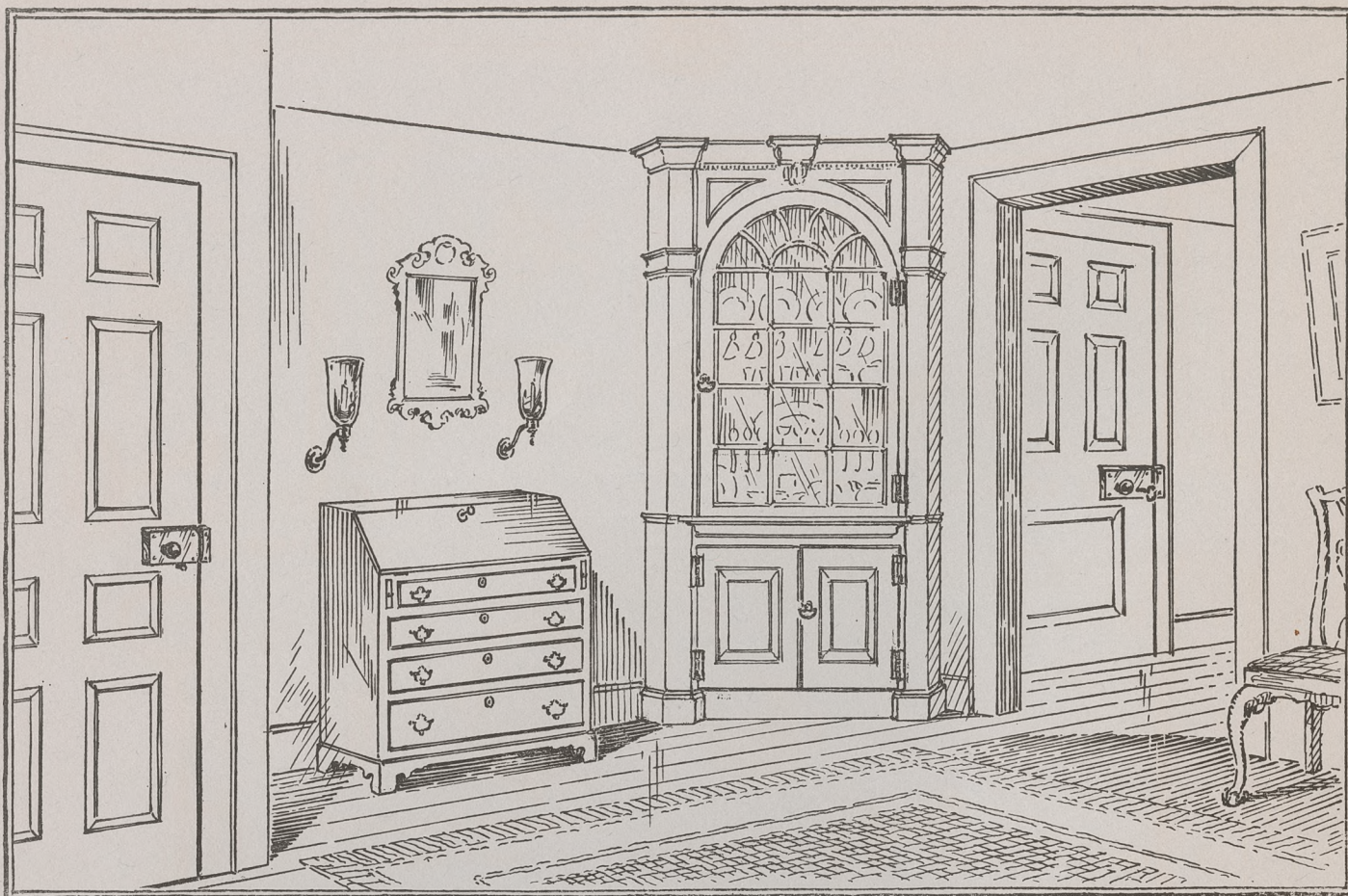


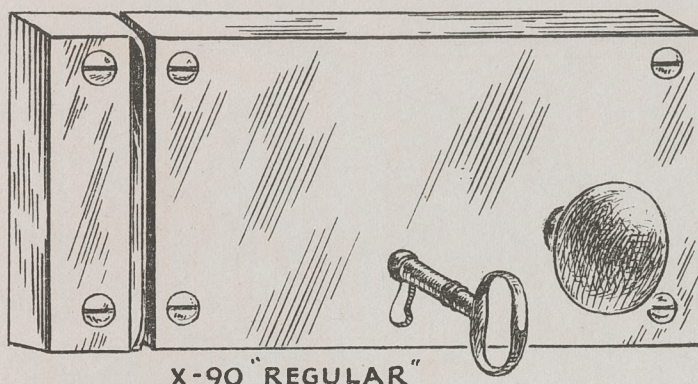
Registered trade names

"Ball and Ball Brasses" "Ball Brasses"
Makers of America's finest reproduction hardware.

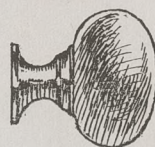
Copyright 1963 by W. W. BALL and W. BALL, Owners

We let others use fancy words and claims
about quality – we use fine materials,
handwork and experience to produce it.

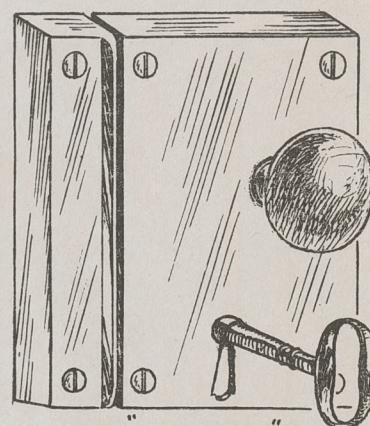




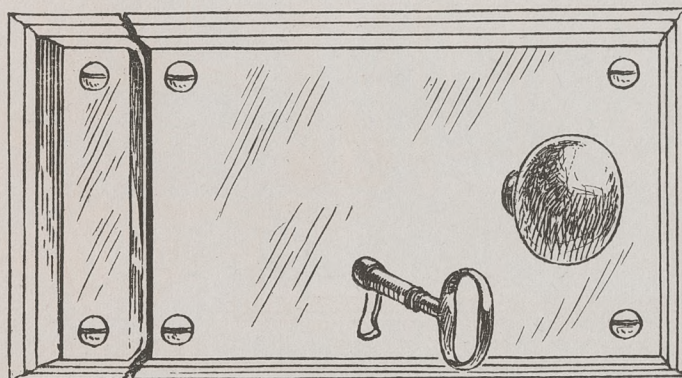
X-90 "REGULAR"



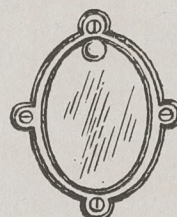
SIDE VIEW
OF KNOB



X-90 "VERTICAL"



X-90 "MOLDED EDGE"



CYLINDER ESCUTCHEON AND KEY



LARGE BIT KEY

CYLINDER-KEY BOX LOCKS, BRASS

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 $8\frac{1}{4}$ x $5\frac{1}{4}$ "	62.00
	" " " "	" $9\frac{3}{8}$ x $6\frac{5}{8}$ "	67.00

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

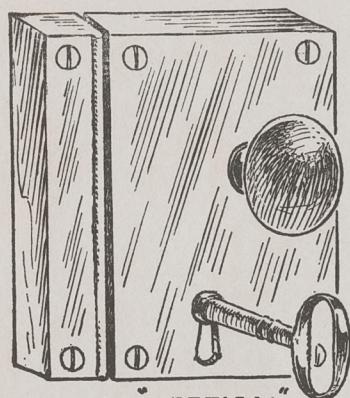
Cat. No. X-90	"vertical",	brass lock,	size 4	wide x 6"	tall	46.00
	"	"	" 4 1/2	" x 8"	"	49.00
	"	"	6	" x 9"	"	54.00

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.

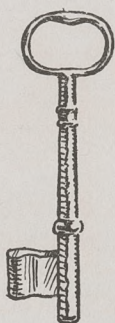
All items in this catalog are priced complete with screws, pins, rosettes or any other units needed to place in operation.

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

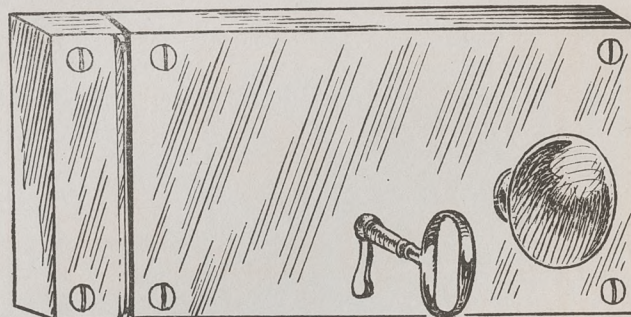
Full size box keepers as illustrated on page 7 or locks with other types or sizes of handles will be quoted on request. (or see supplement)



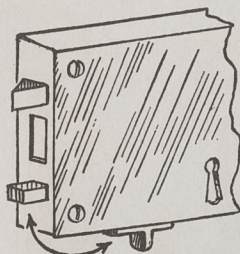
X-100 "VERTICAL"



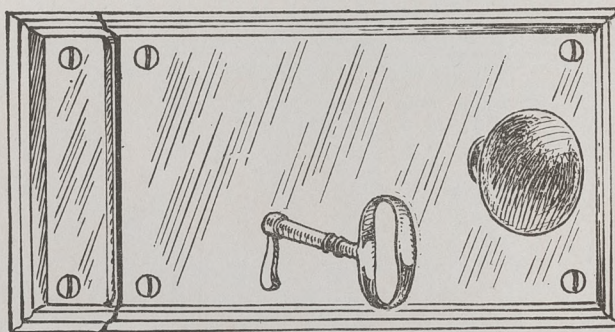
BIT KEY



X-100 "REGULAR"



*Section to show
Thumb-slide and Bolt*



X-100 "MOLDED EDGE"



ESCUTCHEON

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.

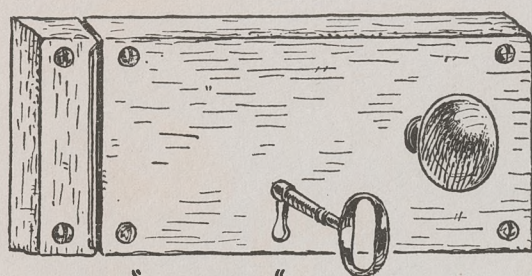
Cat. No. X-100	"molded edge"	brass	lock	size	8 1/8" x 5 1/4"	.....	67.00
	"	"	"	9 3/8"	x 6 5/8"	.....	72.00

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

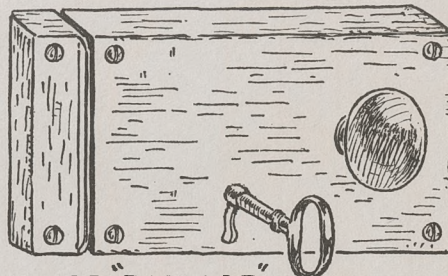
Cat. No. X-100	“vertical”	brass	lock	size 4	wide	x 6”	tall	.....	52.00
	“	“	“	“ 4½	“	x 8”	“	.....	54.00
	“	“	“	“ 6	“	x 9”	“	.....	59.00

All X-100 style locks have brass keys of the original kind known as "bit" keys, very unhandy to carry with you but wherever the most authentic copy is needed, this is the one to use. X-90 locks shown on page 2 look the same on the lock side of door but of course have the very convenient cylinder key on the outside.

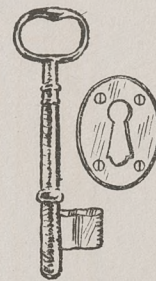
See bottom of page 2 about special knobs etc.



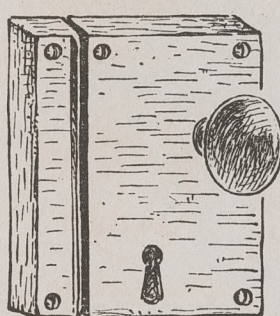
X-90 "REGULAR"



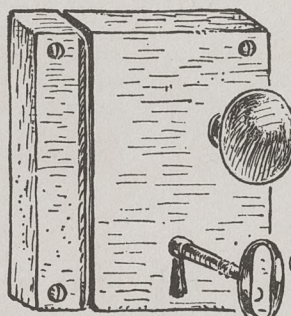
X-100 "REGULAR"



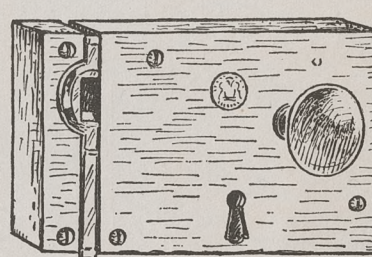
IRON LOCKS WITH VARIOUS KEY MECHANISMS



X-100 "VERTICAL"



X-90 "VERTICAL"



X-100 "CARPENTER"



IRON BOX LOCKS

All X-90 types have cylinder keys and all X-100 types have large bit keys, see pages 2 and 3.

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

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

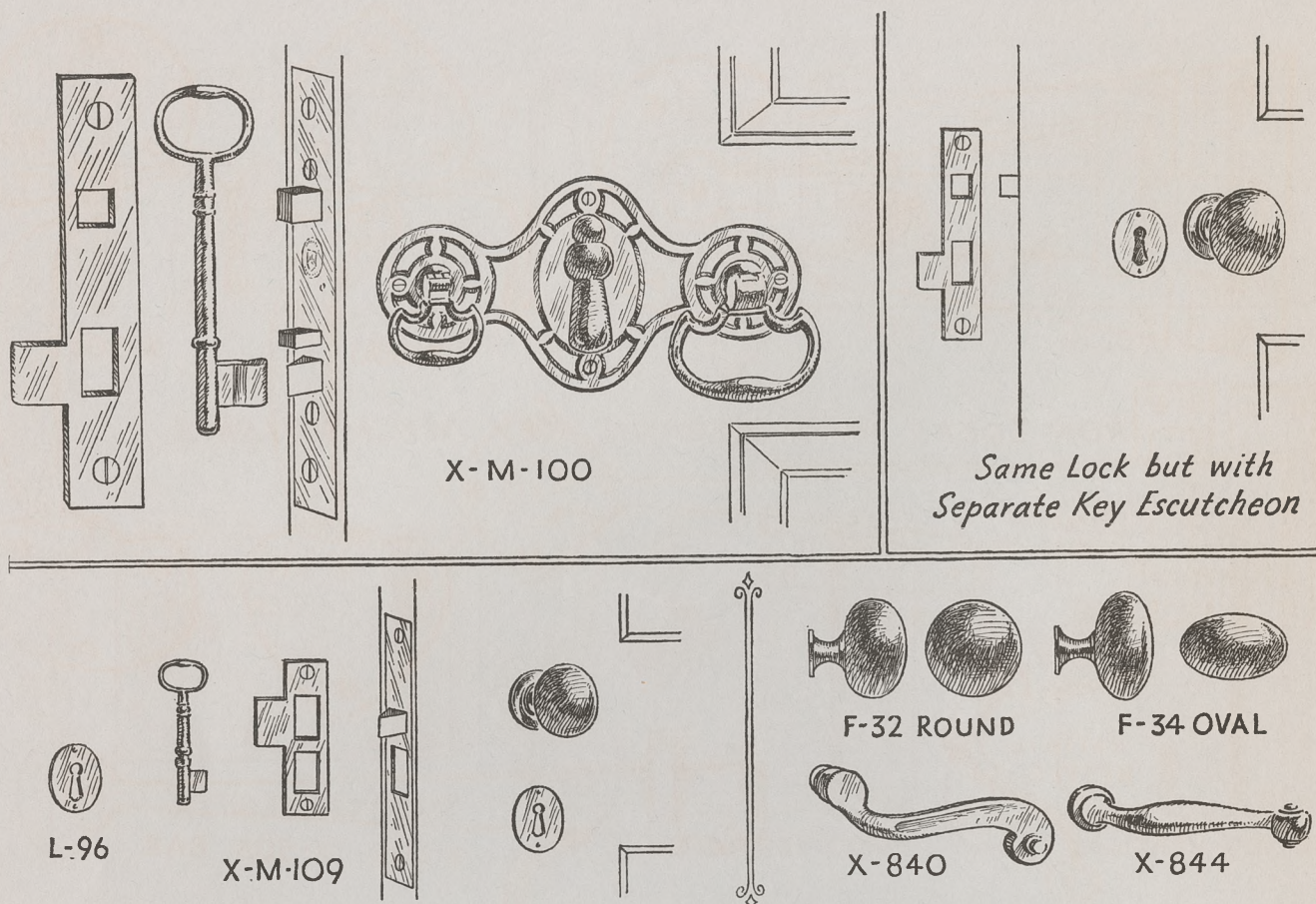
Cat. No. X-90	"Vertical"	Iron Lock	4 wide x 6" tall	42.50
" " "	"	"	4½ " x 8" "	45.00
" " "	"	"	6 " x 9" "	50.00

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,	size 5 x 4¼"	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.



MORTISED LOCKS

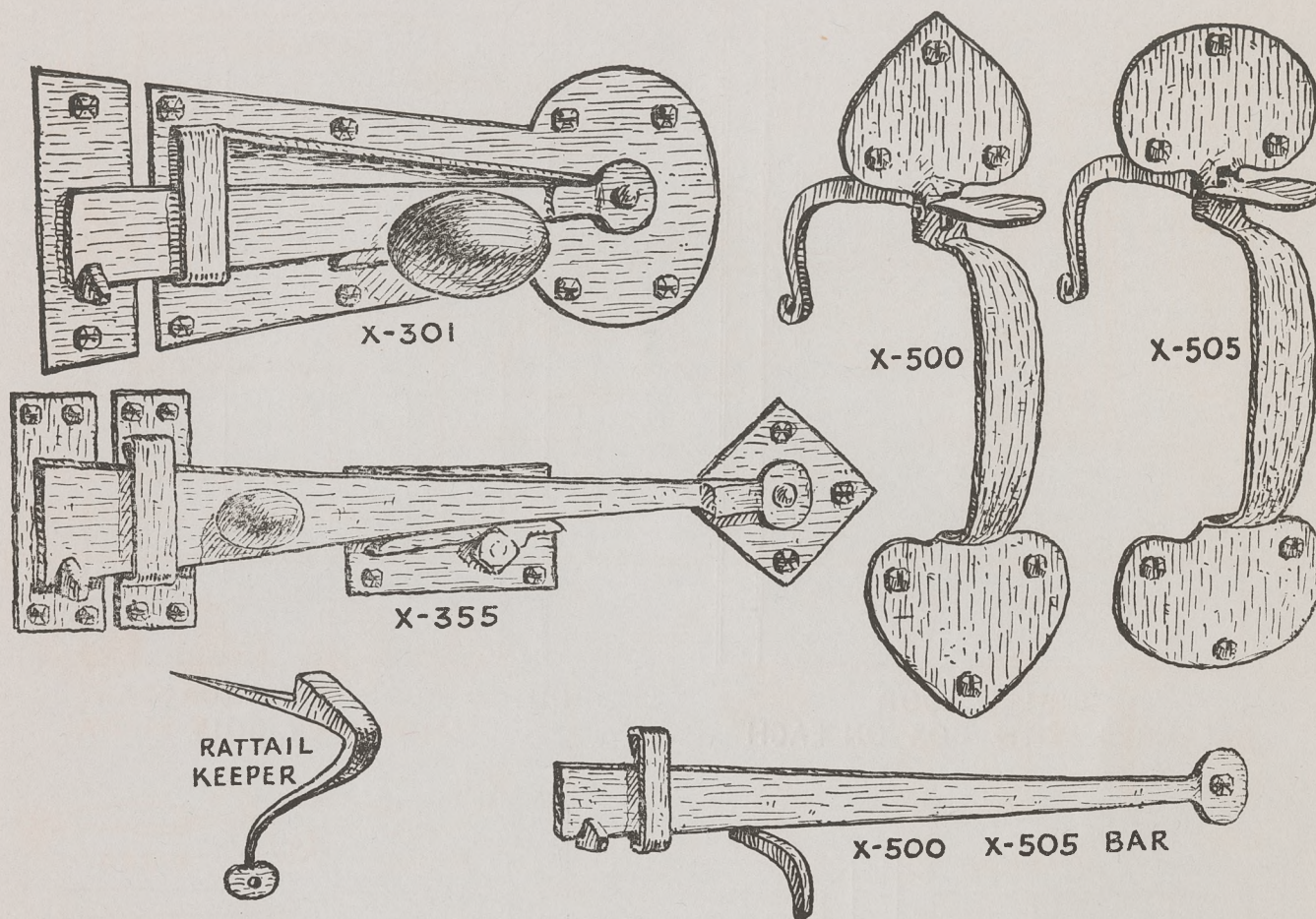
X-M-100 style lock was used in many fine homes in the Eighteenth Century, this is a large unit intended for outside or inside use. Many combinations of drops and knobs are called for depending on where and how used. Price for lock only with key and keeper but without rosettes, escutcheons, drops or knobs \$50.00. When fitted as illustrated with double openwork rosette-escutcheon and drops price is \$77.00. When fitted with separate key, escutcheon and round knobs also as illustrated price is \$64.00. Send for separate sheet of suggestions and specifications.

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 1⅞ x 1½ knobs	17.50
E	" 1 F-34 1⅞ 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.



OUTSIDE DOOR LATCHES

Similar latches of smaller sizes for inside doors will be found on page 10.

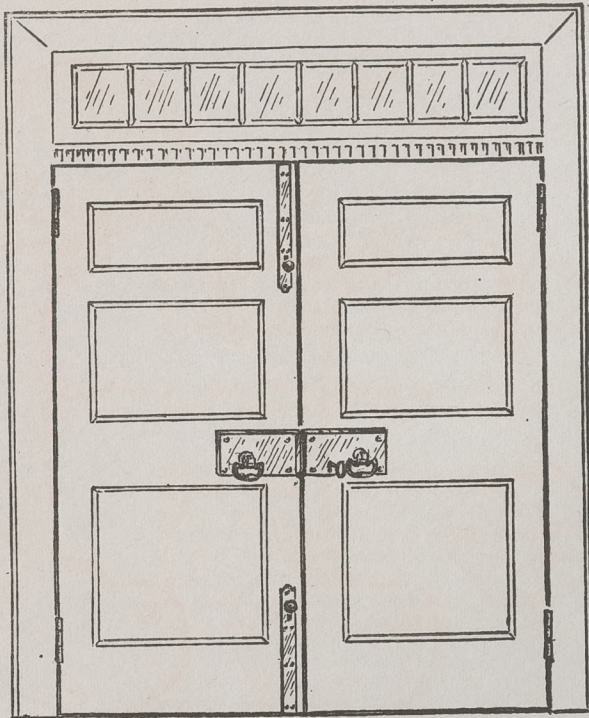
All of these have knobs or lift bars for operation on either side of door but none have key mechanism. When used on some doors, throw bolts of the X-660 types shown on page 14 are used, these will, of course, lock one side only. Box key lock X-710 as shown on page 14 is used for key locking on both sides. When X-710 is used it is usually placed above the latch as shown on page 7.

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

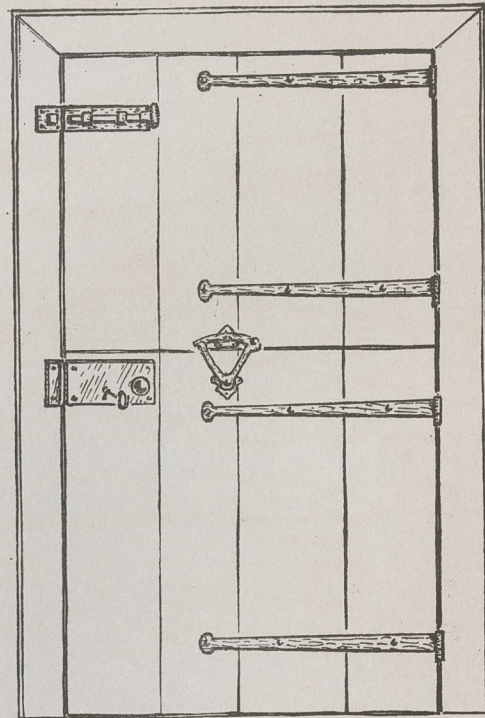
All are furnished with pyramid head wood screws as stock or with hand hammered nails at extra charge. Rattail keepers for thumb latches are \$2.50 each extra. Black finish is stock, special finish of any kind to quotation.

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.

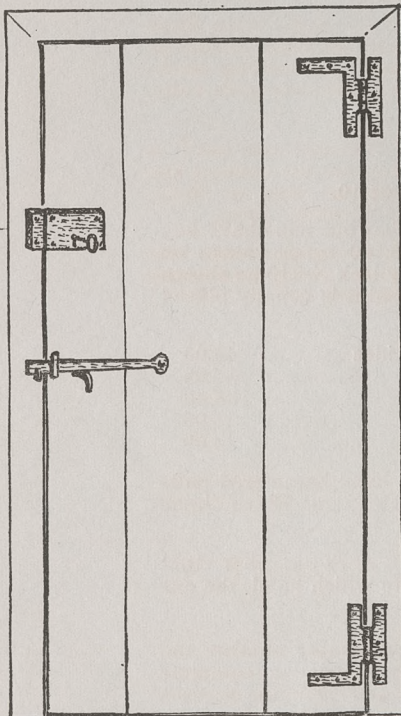
NOTE - We do not sell **separate** parts other than those listed with a **catalog number** and **priced** in this or other catalogs. We will, however, be glad to quote price on **complete** restoration of any original locks, latches, etc. Send all parts of each including screws, escutcheons, rosettes, etc., broken or otherwise, for quotation on complete job.



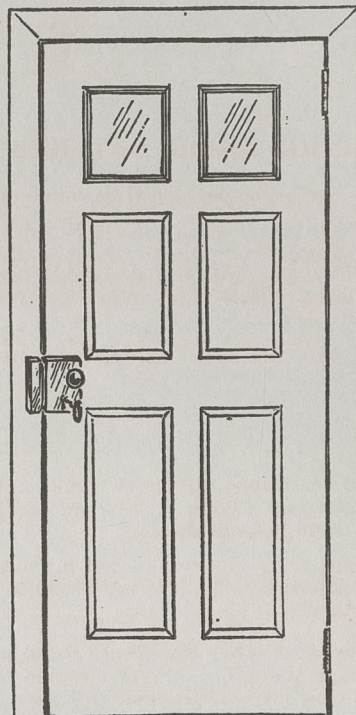
DOUBLE DOOR
BALANCED WITH BOX ON EACH



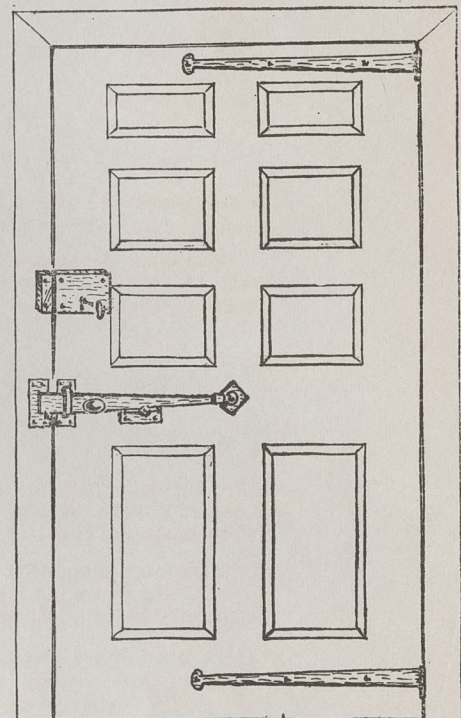
DUTCH DOOR WITH QUADRANT
AND EXTRA BOLT



WITH THUMB LATCH
AND KEY LOCK X-710



FRENCH DOOR
WITH VERTICAL LOCK



LARGE DOOR
WITH BAR LATCH & X-710



Door illustrations on opposite page show general examples of proper mountings. Main entrance doors in formal types of homes and many 18th Century styles of offices are now equipped with full size box keepers to balance double doors. All double doors need one or two bolts to hold one door firm. Bolts long enough to conveniently reach both at top and bottom should be used.

Bolts of brass should be used where the locks are brass—see pattern X-651 page 14, iron bolts with extension handle like X-657 are for top mounting to hold single doors more firmly or for one of a pair of double doors.

Dutch doors are charming when correct hardware is used—do not buy doors with narrow lock rail. An 8 x 4½" box lock of the X-90 or X-100 type in iron is ideal. Hinges can be regular butt types or strap types. If you wish to use butterfly or any other unusual type hinges we will be glad to help. Quadrants are the best for holding top and bottom doors together but are late improvements over the time honored bolts. A bolt in a vertical position over the lock held the doors together and another at the top as illustrated was usually used for better closing. Iron, nothing but iron should be used on Dutch doors but you have insisted so we also make brass quadrants and brass strap hinges to go with brass locks.

Remember, outside doors equipped with thumb latches must have the bar on the side with the hinges—the beautiful part is outside and you must also have a bolt or key lock, usually a key lock like X-710 illustrated on page 14, outside of door has cylinder key with escutcheon L-203 also shown on page 14.

A bar latch is something quite different—these are handsome, impressive and early, X-710 lock and strap hinges match well.

French doors, whether single or double, usually have narrow vertical lock rails, horizontal rails are not always placed at a convenient height for a handle so X-90 or X-100 "vertical" locks or mortised lock X-M-109 must usually be used.

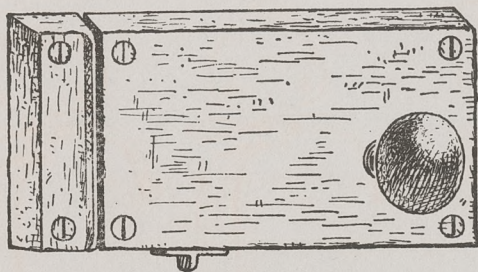
Up to this page we have dealt with outside doors only but in the days when these types of locks and latches were current there was little distinction between outside or inside hardware except one of size. Inside doors do not always need key locking mechanism so we suggest you consider X-95 style locks shown on page 9, all have slide bolts, other inside latches are shown on page 10.

On powder room or bathroom doors chrome plated hardware is usually used but it is not necessary to use modern locks or latches, just select any type from this catalog and let us furnish all the brass parts that will show on the inside of the room in plated finish, the hall side or outside of the door will then still have its "antique" look.

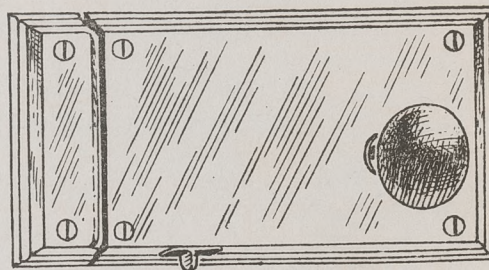
The locking rosette X-855 shown on page 15, is used as bath or powder room lock with plate latches or box locks when the door swings out. When doors swing into rooms latches or locks with self contained key or slide bolts should be selected.

All three doors at bottom of opposite page are "left" hand.

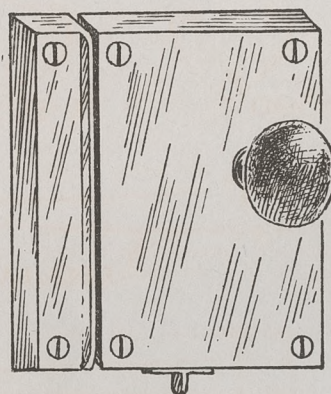
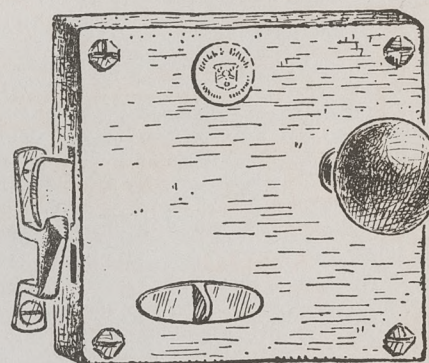
Sketches by RAYMOND PARADIS,
Designer, Artist, Cabinetmaker.
R. D., GLEN MOORE, PENNA.



X-95 "REGULAR" IRON OR BRASS



X-95 "MOLDED EDGE" BRASS ONLY

X-95
"VERTICAL"IRON OR
BRASS

X-210 IRON ONLY

BOX 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.

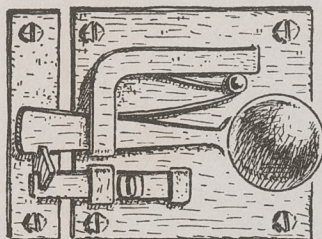
Round knobs are standard on both sides except on X-95 "vertical", these are equipped with round knob on lock side and lever handle X-840 or X-844 on other side. See bottom of page 2 for combinations of other handles.

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

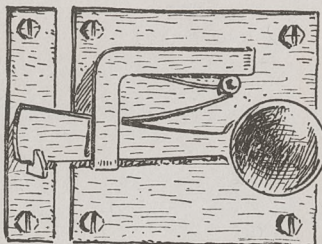
Cat. No.	X-95	"vertical"	box	size	3¼ x 5"	"	.....	24.50	"	.....	24.00
"	"	"	"	"	4 x 6	"	.....	26.00	"	.....	25.50
"	"	"	"	"	4½ x 8	"	.....	35.00	"	.....	34.50

Cat. No.	X-95	"molded edge"	box	size	8½ x 5½"	Brass only		52.00
"	"	"	"	"	9¾ x 6¾	"		57.00

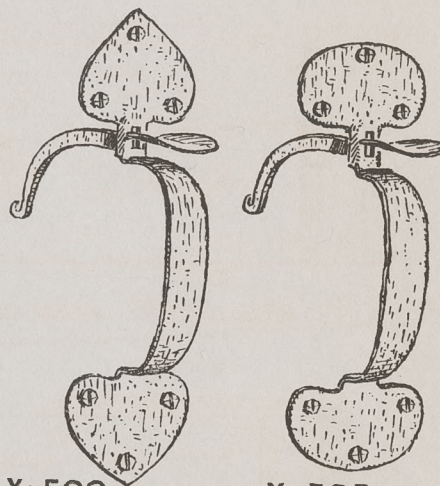
Cat. No.	X-210	square box latch	4" x 4"	Iron only		25.00
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X-250

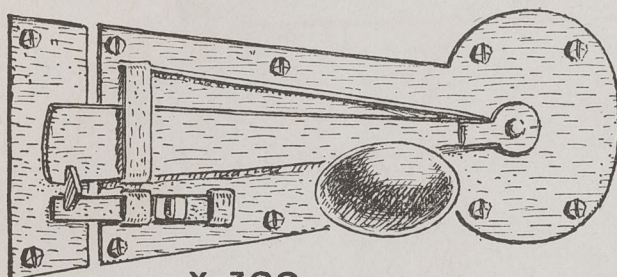


X-251

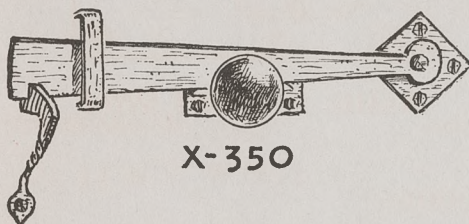


X-500

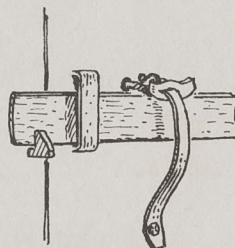
X-505



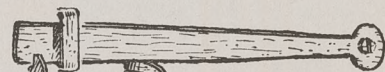
X-300



X-350



X-1289



REGULAR BAR



BAR ON PLATES

IRON PLATE, THUMB AND BAR LATCHES

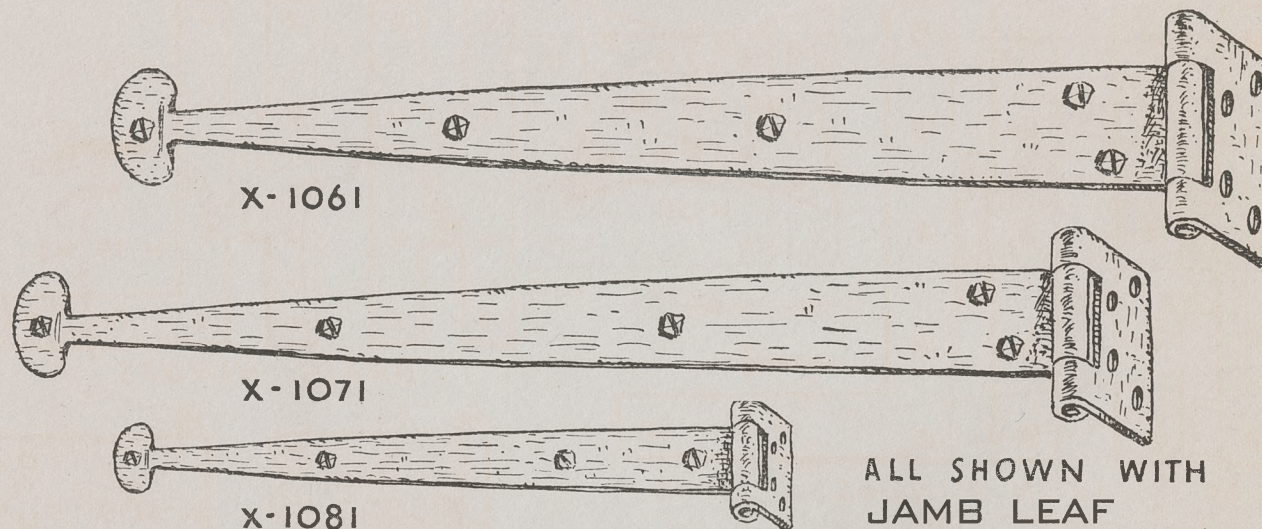
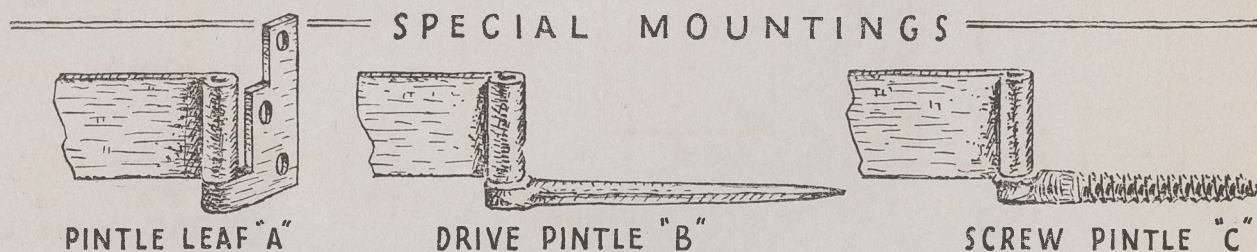
Inside door latches as illustrated on this page are usable some place in almost any home. All inside doors on some Eighteenth Century houses were so fitted, others fitted mainly with box locks might have a door here and there equipped with one or another of these types.

All have means of opening from either side with knobs or lift bar but none have keys. Plate latches X-250 and X-300 have slide bolt as shown for locking on inside. One simple method of locking any of the others is to drill a hole above bar (see small sketch) and use peg and thong #X-1289 to hold it down against keeper.

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 capenter work the bar will mount on inside of closet doors instead of outside as usual.

ALL SHOWN WITH
JAMB LEAF

PINTLE LEAF "A"

DRIVE PINTLE "B"

SCREW PINTLE "C"

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.

HEAVY STRAP WITH JAMB LEAF

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

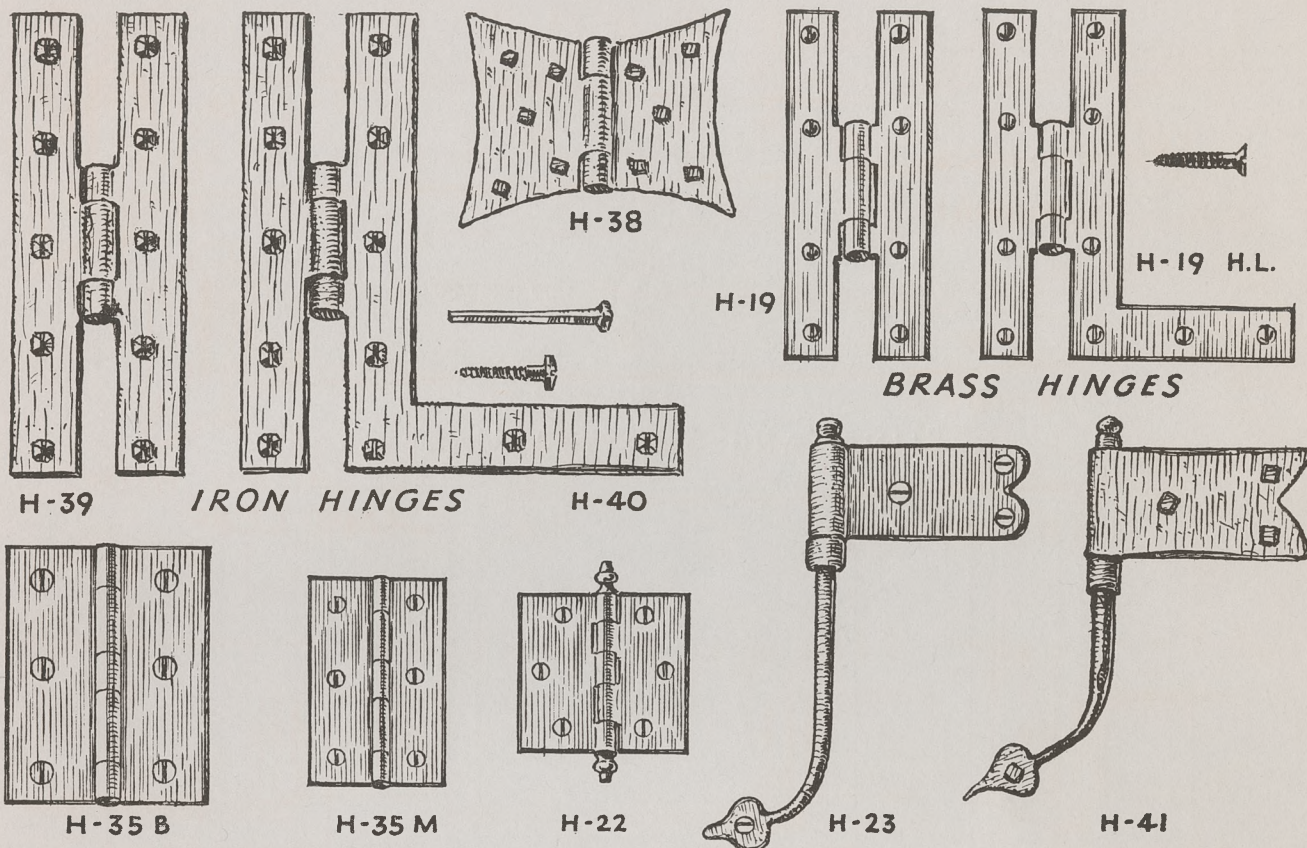
MEDIUM WEIGHT, FOR INSIDE DOORS

Cat. No.	Length	Width	Height of Leaf and width		Price Pair
X-1071	12"	1 1/2"	3"	1 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"	7/8"	1 3/4"	3/4"	5.50
"	8 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 inletted in door jambs. All of these hinges when mounted with pintle leaf "A" look like those illustrated on the Dutch door, page 7, the leaf does not show.



BRASS "H" and "H-L" HINGES

Cat. No.	Item	Height	Width	Joint Length	Per Pair
H-19	Brass "H" Hinges	3			2.70
		3½			3.00
		4			3.30
		5	2½	2¾	10.00
		6	"	"	11.00
		7 ⅝	"	"	12.00

H-19 Brass "H-L" Hinges, any size above, \$2.50 per pair extra.

Polished Golden-Glow finish with flat head brass wood screws. No extra charge for antique color.

IRON "H" and "H-L" HINGES

Cat. No.	Item	Height	Width	Joint Length	Grade	Per Pair
H-39	"H" Hinge	3			B	1.50
		3			C	6.00
		4			B	2.40
		4			C	7.00
		7	2½	2½	B	4.00
		7			C	10.00
		9	3	3¼	B	6.00
		9			C	12.00
H-40	"H-L" Hinge	3			B	1.60
		4			B	2.80
		4			C	9.00
		7	6½	2½	B	4.50
		7			C	12.00
		9	8½	3¼	B	7.00
		9			C	14.00

Grade "B", regular quality iron hinges, not hand forged but are very practical in appearance and cost. Use for general restoration and new work.

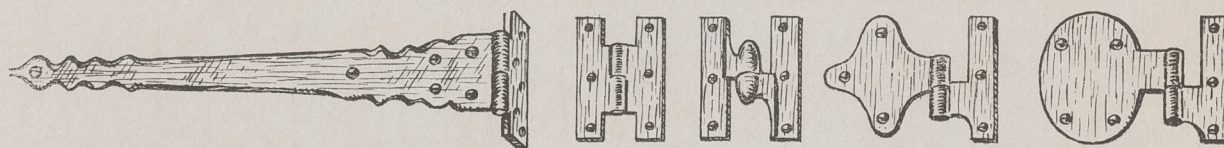
Grade "C", finest hand forged copies of originals.

Both grades are furnished with pyramid head screw-slotted wood screws as illustrated.

Cut nails with hand hammered heads will be furnished at \$.35 extra per pair of hinges.

Completely hand forged nails will be quoted upon request.

Other hinges shown are types usually used on furniture or built-in cupboards, etc., these and many others are in catalog CH57.



SPECIAL BRASS HINGES TO QUOTATION, ALL KINDS AND SIZES

DUMMY STRAP HINGES

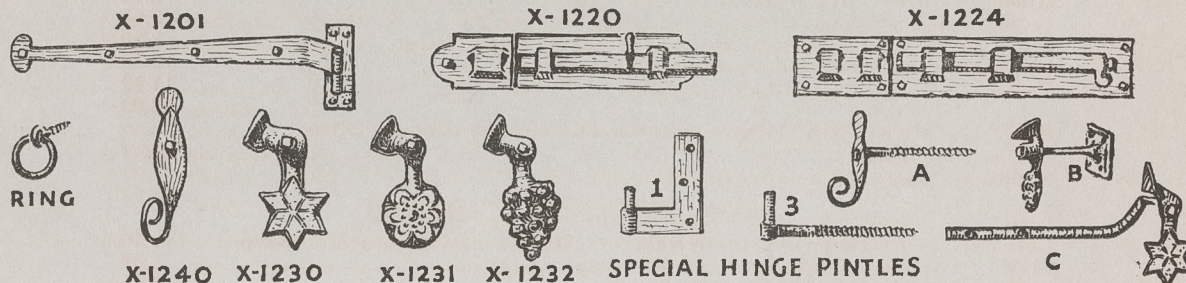
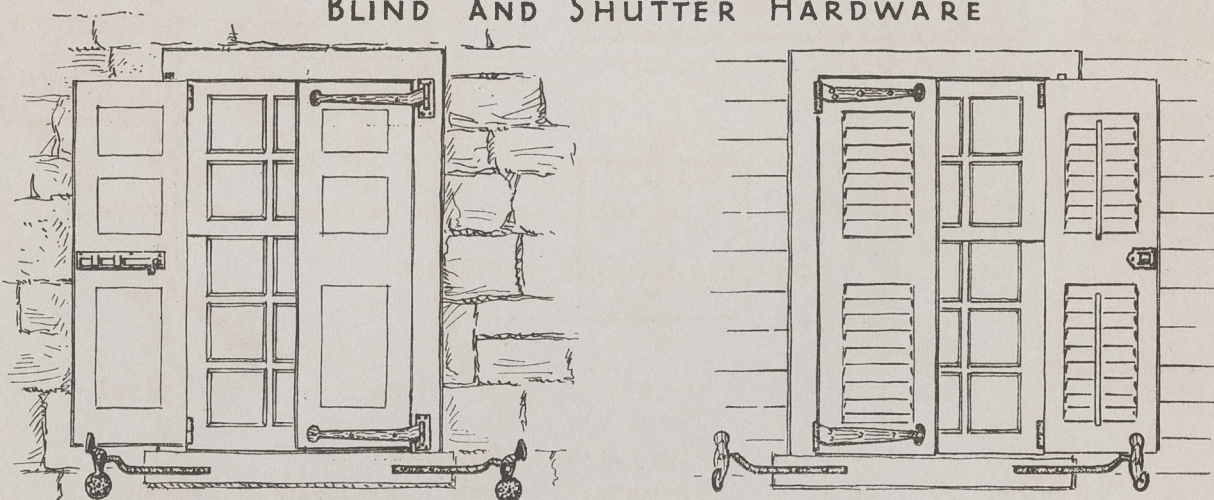


CATALOGUE N° X-1161

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.

BLIND AND SHUTTER HARDWARE



X-1240 X-1230 X-1231 X-1232 SPECIAL HINGE PINTLES

BLIND AND SHUTTER HARDWARE

Cat. No.	Item	Price
None	Shutter ring 1½" with staple	1 doz. 3.00 or ea. .50
X-1220	Cast bolt with brass button 9½" to order only	
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

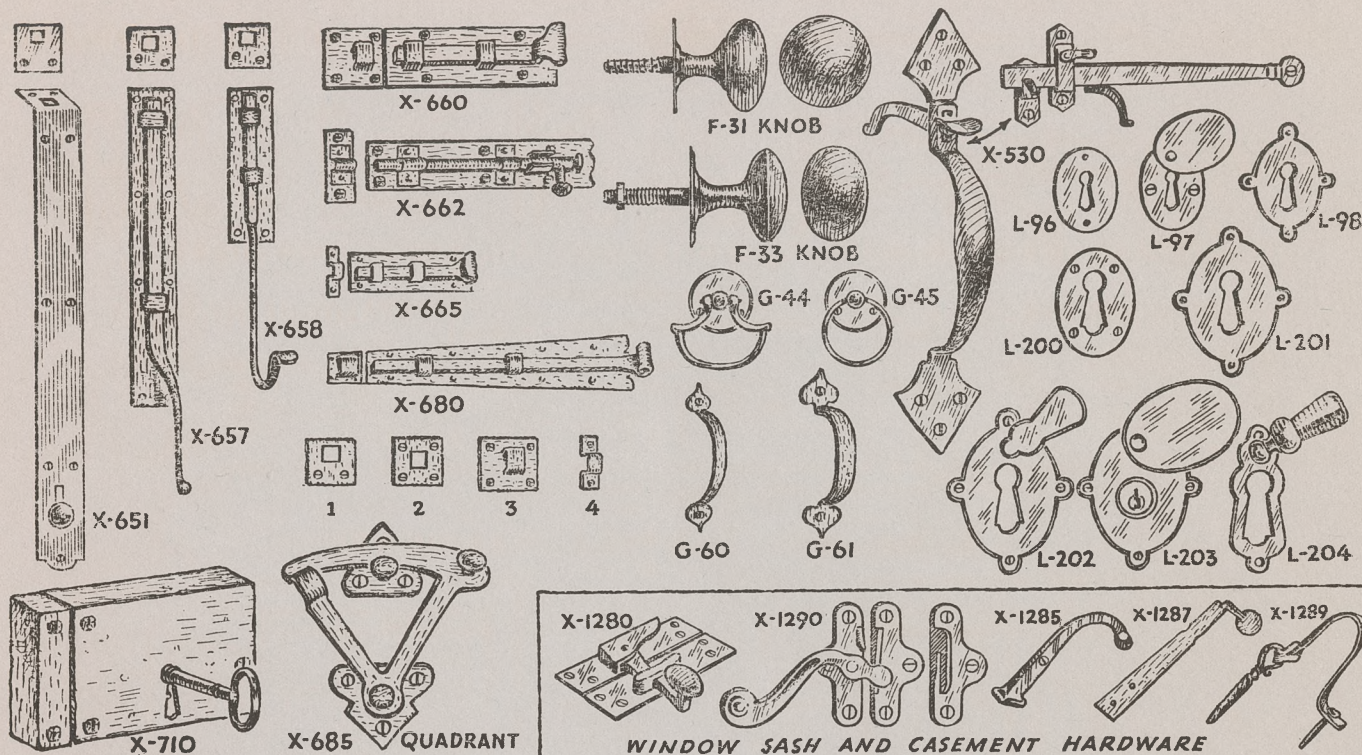
"A" Lag Screw is ¾" diam. x 6" long, for stone, brick, masonry.

"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.

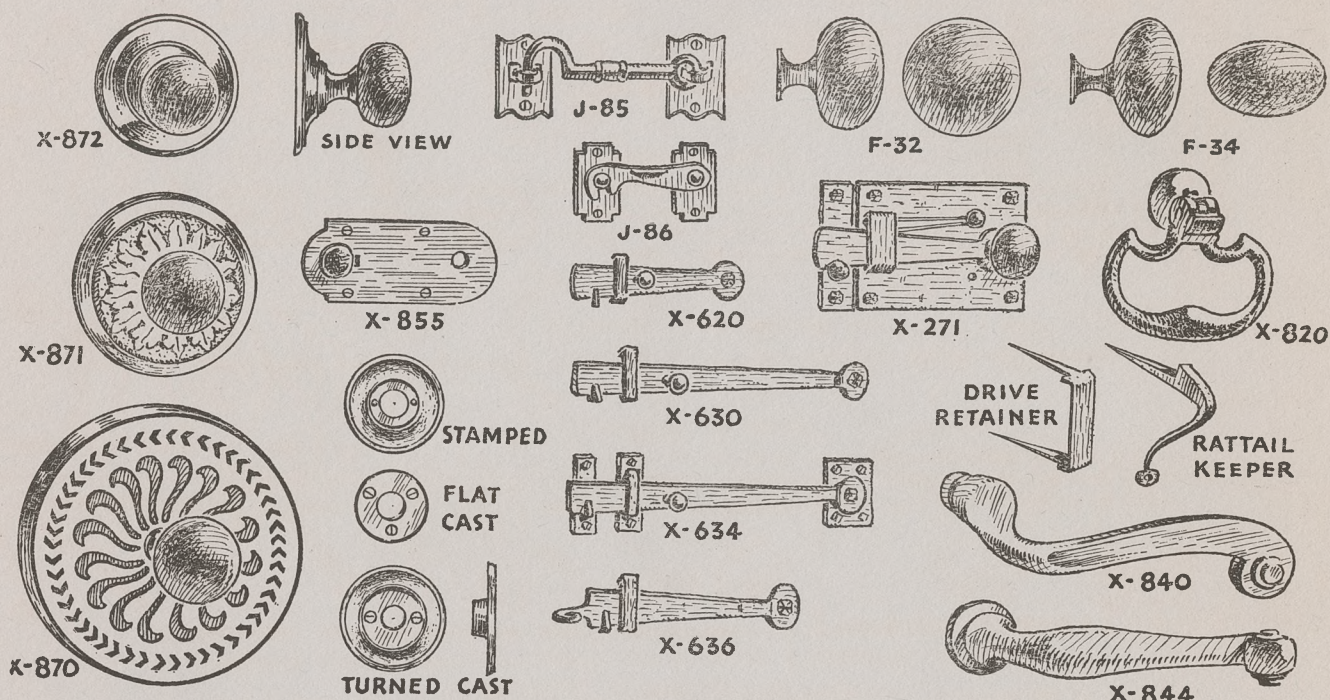


MISCELLANEOUS FITTINGS

Cat. No.	Item	Size	With Keeper	Price Each
X-651	Brass Flush Bolt	8" or 10"	1 or 2	8.50
	" " "	14" or 18"	1 or 2	12.00
X-657	Iron Surface Bolt	12" x 1 1/4"	3, 1 or 2	11.00
X-658	" " "	12" x 1 1/4"	" " "	5.50
X-660	" " "	4 1/2" x 1 1/2"	" " "	6.00
	" " "	6" x 1 3/4"	" " "	6.50
X-662	" " "	7 1/2" x 1 3/4"	3 only	6.00
X-665	" " "	3" x 1"	4 only	3.00
	" " "	4" x 1 1/4"	" "	3.25
X-680	" " "	10" tapered	3, 1 or 2	14.00
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 1/2" wide		14.50
	Brass " " "	4" " 4"		10.00
X-710	Iron Cylinder Key Lock, 5 x 3 1/4, see doors, pages 7 & 8			20.00
	Brass " " "			20.00
X-530	Brass Thumb Latch with turn lock, 8 1/4" tall x 1 3/4" wide			16.00
	" " without lock, 8 1/4" " x 1 3/4" "			14.00
L-96	Brass, 1 1/2 x 1 1/8—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 1/8—small keyhole, as above			1.50
L-98	" 2 x 1 5/8 " " " "			1.50
L-200	" sizes 1 3/4 x 1 1/4 to 2 1/2 x 1 7/8, 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 3/8 x 3/4 with half round tear drop cover			3.00
F-31	1" Diam. Round Brass Knob with Wood Screw			.95
	1 1/4" Diam. Round Brass Knob with Wood Screw			1.05
F-33	Oval Knobs with Threaded Post and Nut, 3 sizes			
	1 1/4 x 1, 1 1/2 x 1 1/8 and 1 3/8 x 1 1/4, all same price			2.50
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

SASH AND CASEMENT WINDOW FITTINGS

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



DOOR LOCK KNOBS, DROPS AND HANDLES

Cat. No.	Types and Sizes	Prices per Each
F-32	Round Knobs, 3 sizes, 1½ @ 3.25; 1¾ @ 3.75; 2" @ 4.00	
F-34	Oval Knobs, 5 sizes, 1¼ x 1⅞ @ 4.50; 1½ x 1½ @ 5.00; 2¼ x 1½ @ 5.25; 2½ x 1¼ @ 5.50; 2⅞ x 2 @ 7.50	
X-820	Drops, 2 sizes width across bow 2½ @ 7.00 and 3" @ 9.00	
X-840	French lever handle, rights and lefts 3¼" long, illus. is L-Hand	5.50
X-844	Same, universal type, use for either swing 3¼" long	6.00
	All above have 9/32" square hole, except 1½" round, 1¼" x 1⅞" oval knobs, and 2½" drops which all have 7/32" hole.	
	Square spindles either size and any usual length .25 each.	
	Any handle above can be furnished with rosette and mounting for use on doors without locks. See supplement or ask for price.	

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-870 6" diameter cast brass, for use with knobs or drops	9.00
X-871 4¾" " " " " " " " "	8.00
X-872 3¼" " " " " " " " "	5.00
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
J-85 Brass Hook, 3¼" used to hold full size door open	2.50
J-86 " " 1½ x 1" used on small or narrow louvered doors or blinds	1.30

IRON CUPBOARD LATCHES

Cat. No.	Description	Price Each
X-271	3½ x 2½ with 1¼ brass knob, right or left	9.00
X-620	3¾ length of bar with small brass knob	3.20
	4½ " " " " " " " "	3.50
	5¾ " " " " " " " " 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.		

GENERAL INFORMATION

America's finest and largest line of antique reproduction FURNITURE brasses will be found in our Catalog CH57.

18th Century LIGHTING Fixtures are illustrated and priced in a separate catalog, ask for catalog listing, catalogs and their prices change from time to time, this is our HH 61 B House Hardware issue and sells for \$.50.

WHEN ORDERING

Give Cat. No., name of item and size. Locks and some other items must be specified for right or left hand—to tell the hand of a door, stand with your back against it so that it can not open—if the hinges are on your left, it is a left hand door. This method can be used for any doors, house, cupboard or furniture.

STANDARD FINISHES

Golden Glow polish on all brass items or parts in this catalog, black paint on all iron.

SPECIAL FINISHES

Chrome, silver or gold plate or special finishes of any kind will be quoted, please give details and quantities. Chrome plate is regularly used on bath fixtures, our hardware will be supplied with finish as needed in any combination.

TERMS

BILLED Orders will be sent on open account, net thirty days.

When requesting credit give names of three supply houses.

C. O. D. Shipments will be made if you are not on our credit list and if you do not pay in advance.

Post Office rates are high on C. O. D. packages and the detail makes it necessary for us to charge \$ 1.00 extra for each shipment.

ADVANCE PAID — This is the best way to pay if you have not established credit with us. See **POSTAGE** below.

POSTAGE Is charged on all orders. If your orders are **ADVANCE PAID** an extra amount for postage and insurance should be included with your remittance, any overpayment will be returned.

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**, shipments will be insured only if you include an amount sufficient to cover both **POSTAGE** and **INSURANCE**. Refunds will be made in stamps for any over payment on postage or insurance.

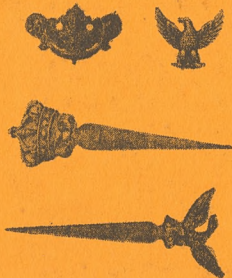
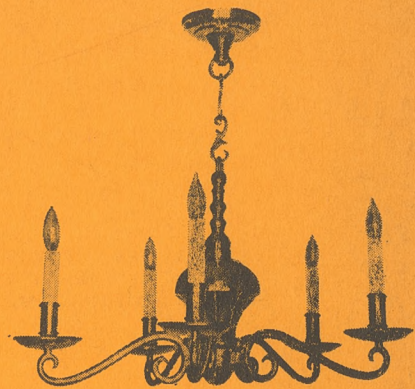
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2 pounds.....	\$0. 24	\$0. 33	\$0. 35	\$0. 39	\$0. 45	\$0. 51	\$0. 58	\$0. 64
3 pounds.....	. 26	. 38	. 41	. 47	. 55	. 64	. 74	. 83
4 pounds.....	. 28	. 43	. 47	. 55	. 65	. 77	. 90	1. 02
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7 pounds.....	. 34	. 58	. 65	. 77	. 95	1. 16	1. 38	1. 59
8 pounds.....	. 36	. 63	. 71	. 84	1. 05	1. 29	1. 54	1. 78
9 pounds.....	. 38	. 68	. 77	. 91	1. 15	1. 42	1. 70	1. 97
10 pounds.....	. 40	. 73	. 83	. 98	1. 25	1. 55	1. 86	2. 16
11 pounds.....	. 42	. 77	. 89	1. 05	1. 35	1. 67	2. 02	2. 34
12 pounds.....	. 44	. 81	. 95	1. 12	1. 45	1. 79	2. 18	2. 52
13 pounds.....	. 46	. 85	1. 01	1. 19	1. 55	1. 91	2. 34	2. 70
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