The Yale & Towne Mfg. Co.

CATALOGUE

No. 12.

THE YALE & TOWNE MFG. CO.,

HENRY R. TOWNE, President.

OWNING AND OPERATING

THE YALE LOCK MFG. CO. | **THE WESTON CRANE CO.**

WORKS AT STAMFORD, CONN., U. S. A.

NEW YORK, 62 Reade Street.

CHICAGO, 152-154 Wabash Avenue.

PHILADELPHIA, 15 North Sixth Street.

BOSTON, 224 Franklin Street.

1889.

GILLESPIE BROS.,
PRINTERS AND BOOK-BINDERS,
STAMFORD, CONN.

Announcement.

This Catalogue includes all of our various lines of goods, so that customers will either find in it full information as to those particular products in which they are immediately interested or reference to other and smaller Catalogues which are entirely devoted to certain specialties.

The products of The Yale Lock Manufacturing Company are very completely represented in this book, except hardware and other work of special design, which is not capable of being properly illustrated by wood cuts and the patterns of which, moreover, are changing from day to day.

It is believed that this Catalogue includes the largest and most complete line of fine locks ever produced. The constant demand for locks of the best material and workmanship, and of a high degree of security, has made necessary constant additions to our lines, both of Yale and Standard locks, until now we are prepared to furnish locks for nearly every purpose. The stock of no hardware store is now complete without a number of the leading styles of Yale and Standard locks.

The Yale locks with corrugated keys have, during the ten years that they have been upon the market, more than fulfilled the high hopes we had for them when they were first produced. They stand to-day unrivaled for security, durability, ease and convenience of operation, and are especially desirable from the difficulty of procuring duplicate keys by unauthorized persons. Except in special cases, we do not duplicate keys by number. Where keys are thus duplicated there is great risk that evil disposed persons will be able to get a record of a key number, and then order a duplicate. No surer way could be devised to destroy the security of locks.

The Standard locks, the variety of which has also been very greatly increased, have maintained their leading position for uses where great security is not required, and yet where locks of first-class workmanship and design are desired. The close imitation in outward appearance of such of the Standard locks as are not patented, has shown the appreciation of our competitors, and in order to protect ourselves, as well as our customers, we have adopted a trade mark for these goods, to which reference is made on page 18.

The Yale hardware has been greatly improved in many directions, as for instance by the introduction of our Patent Screwless Knobs, and our Patent Self-Lubricating Butts. Especial attention has been given to the production of a line of butts carefully designed, so that they have a large factor of safety above the strain which will be put upon them. The line of Yale butts with self-lubricating bearings is now the best in the market. In a Catalogue of this sort it is not possible to adequately illustrate many of the designs made by us. We have a large and constantly increasing collection of designs, made by the leading architects of the country, many of which we have obtained permission to use. We shall be glad to furnish photographs of work produced by us to meet special requirements, upon request of architects, owners, or those in the trade.

HAND WORK. We have a carefully selected force of designers, modellers, workers in brass, iron and other metals, so that we are prepared to submit designs for special work of any description, including Strap Hinges, Grilles, Brackets, etc., or we can execute special designs in a satisfactory manner.

BANK LOCKS. The Time locks and Combination locks are now provided with a number of improvements patented by us since the last catalogue was issued. All these improvements tend to increase the security of the locks and to render them less liable to get out of order. As a line, the bank and safe locks made by this Company are believed to combine in the highest degree absolute security, and at the same time great simplicity. Especial attention is called to the new triple and sextuple movement time locks. A full description of all of these goods will be furnished upon application.

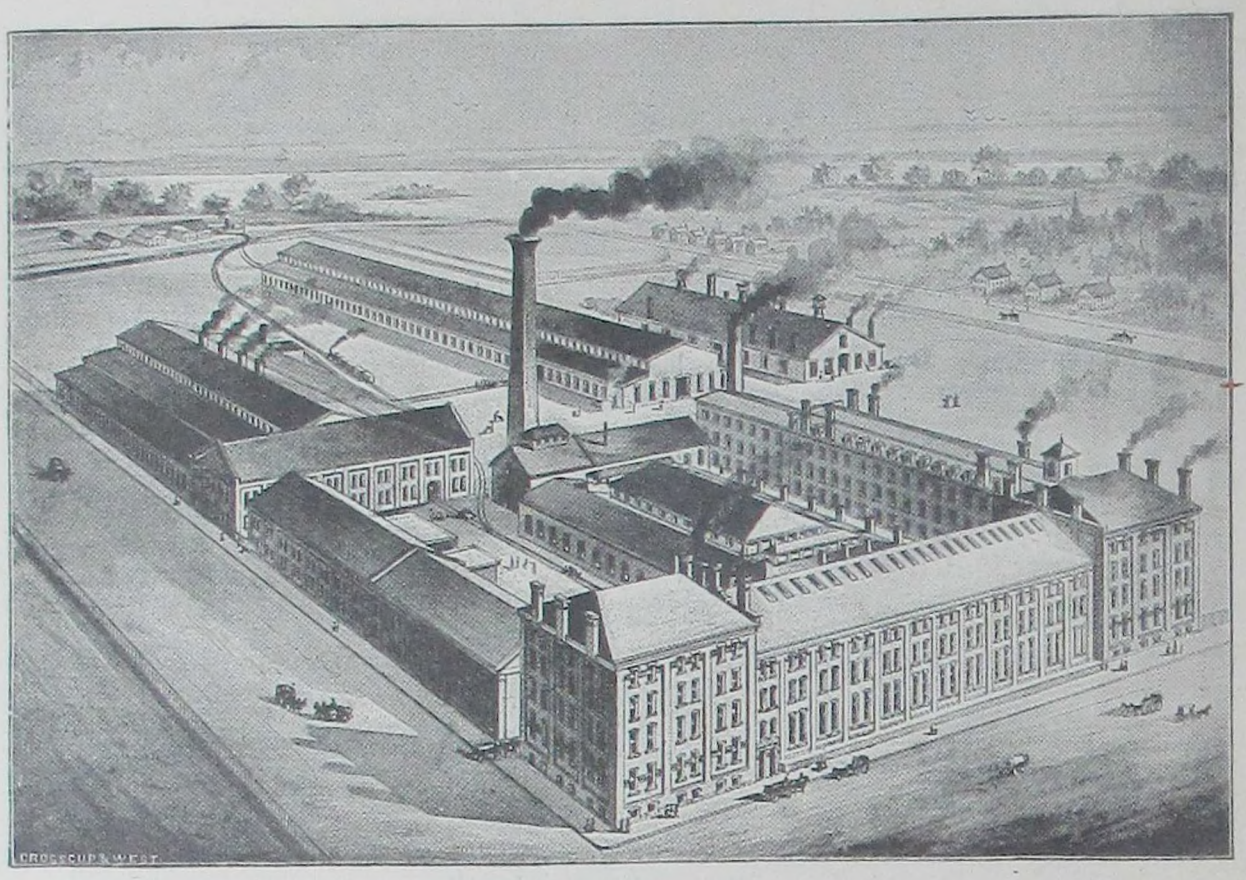
PRISON LOCKS. This line of locks has also been added to in several directions, and has continued to be received with great favor by those best competent to judge.

WESTON CRANE COMPANY. The products of this Company, especially the Weston Differential Pulley Blocks, Crabs, Winches and Double Lifts, have been improved in construction, and have continued to be recognized as standards in their respective lines. These, and the Cranes and Heavy Hoists made by the Company, are more fully described in a separate catalogue.

Without particularizing further, the attention of the trade and of architects is asked to the Catalogue throughout, and their especial attention is called to our great facilities for producing locks for special purposes. No lock is so well adapted to be changed to meet special requirements as the Yale lock.

We repeat the assurance which we have heretofore made, and faithfully carried out, that none but the highest grade of workmanship will be turned out by this Company, so that in specifying or using any goods of our manufacture, absolute reliance may be placed upon their being the best in their particular class.

ESTABLISHED 1851. INCORPORATED 1868.



WORKS OF

THE YALE & TOWNE MANUF'G COMPANY.

STAMFORD, CONN.

The Works of THE YALE & TOWNE MANUFACTURING COMPANY, which are illustrated in the above engraving, are located at Stamford, Connecticut, on the line of the New York, New Haven & Hartford Railroad, thirty-four miles from New York City. Thirty-eight trains pass daily in each direction between the two points, the express trains making the run in **fifty minutes**, so that a visit from New York and return can be accomplished in a few hours.

The numerous buildings are constructed entirely of brick, and are exclusively devoted to the Company's business. The general offices, drafting room, etc., are located in the front corner building, which is in great part fire-proof. The other buildings include the Brass and Iron Foundries, Forges, Chain Shop, Pattern and Wood-Working Shops, Machine Shops for various kinds of work, and numerous rooms devoted to light manufacturing. Railroad tracks run through the yards and connect with the railroad system of the country, while water communication is also obtained at the point indicated in the background. The Works provide for the employment of about eight hundred operatives.

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The Yale & Towne Mfg. Co.

At the annual meeting of the stockholders of the corporation, held April 19th, 1883, it was voted to accept the authority given by an act of the Legislature of Connecticut and change the title of the corporation from THE YALE LOCK MANUFACTURING COMPANY to THE YALE & TOWNE MANUFACTURING COMPANY. The change was one of name only, and was made necessary by the enlarged scope of the Company's business, in which the manufacture of locks under the patents of the late LINUS YALE, JR., and others, had become only one of several departments.

At the same time it was found desirable to effect a subordinate organization under the laws of the State bearing the title THE YALE LOCK MANUFACTURING COMPANY, and a similar organization entitled THE WESTON CRANE COMPANY. The stock of these subordinate companies is owned and controlled by the parent company, and although the several subordinate companies will be permanently maintained for purposes relating to ownership of patents and other franchises, the business of all has been, and will continue to be, conducted by THE YALE & TOWNE MANUFACTURING COMPANY in its own name and for its own account. While, as will be seen, the business of the Company embraces lines of work which are apparently dissimilar, they agree at least in this: that the work in each line has been, and will continue to be, of the highest grade. And the facilities which are afforded by an equipment for doing heavy engineering work have enabled us in many cases to satisfactorily undertake orders from architects for heavy iron or bronze work which could not have been executed with the ordinary equipment of a builders' hardware shop. For hanging heavy doors, and for moving heavy gates, either vertically or laterally, we are prepared to design and execute special appliances.

We are also fully prepared to do smith-work of the highest grade of mechanical and artistic excellence, including Grilles, Gratings, Gates, Railings, etc.

This, as well as all other iron work, either hardware or otherwise, made by us, will be finished, when desired, by the rustless BOWER-BARFF process, which produces a beautiful blue-black and absolutely rustless finish.

During the past ten years the Company has built up a large business in Hoisting Machinery, both in Portable Crabs, Winches and Pulley Blocks, and also in Cranes of all kinds, and for all capacities.

During this time we have accumulated a large number of special designs and patterns to meet special requirements, and any inquiries relating to work of this sort will have intelligent and careful attention.

Catalogues.

THE YALE LOCK MANUFACTURING COMPANY'S products are embraced in this catalogue. Several of its specialties are more fully described in smaller catalogues, any of which will be sent on application.

Yale Post Office Equipments and Bronze Lock Boxes.

Standard Post Office Cabinets for Small and Medium Offices.

Standard Complete Outfits for Offices of Medium Size.

Combination Safe and Bank Locks and Safe Deposit Locks, of all kinds.

Time Locks.

THE WESTON CRANE COMPANY'S products are also more fully described in the following catalogues.

Album of Crane Designs, Illustrating in outline various types of Cranes most generally used.

Light Hoisting Machinery, Embracing our line of Differential Pulley Blocks, and also Crabs, Winches and "Double Lifts."

Treatise on Cranes, by HENRY R. TOWNE.

TERMS.

INVARIABLY CASH; payable in funds at par in New York, Boston, Philadelphia or or Chicago.

Accounts unpaid after thirty days, subject to draft at sight.

Note. It is expressly understood that all orders imply an acceptance of the above terms.

SHIPMENTS.

Made either from Stamford (at New York rates) or from New York, at option of Consignee.

Goods ordered at our offices will be delivered free of charge, to other houses in said cities for packing with other goods.

Goods sent in to us from other houses, for packing with goods ordered of us, will have careful attention, but without liability on our part concerning them.

Note. Shipments of Post Office Lock Boxes, etc., Prison Locks, Time and Dial Locks, Cranes and large Hoists, and other special work, are made from Stamford only.

SAMPLES

Of our various goods, neatly mounted for store use, will be furnished at special rates.

All prices are subject to change without notice.

No goods taken back or exchanged.

PRODUCTS

OF

THE YALE LOCK MFG. CO.

Metals and Finishes.

The following letters and numbers added to the catalogue or list number of any of our locks or hardware will indicate the kind of metal and finish desired.

In all cases use a **letter** and a **number.** The **letter** indicates the metal forming the **surface** of the article, whether solid or plated. The **number** (which should **follow** the letter) indicates the **style of finish** to be given to the surface.

For prices of the various finishes, see page 1 of Price List.

METAL SURFACES,

(Whether Solid or Plated.)

Kind of **finish** must be indicated by a number placed after the letter indicating the metal forming the **surface** of the article.

Letter.		Metal.
A	-	Brass.
B	-	Bronze.
C	-	Copper.
F	-	Iron.
G	-	Gold.
N	-	Nickel.
S	-	Silver.

FINISHES.

The numbers apply to **any metal** and must have a letter placed before them to indicate the kind of metal.

SURFACE FINISHES.

(Plain Colors on Plain Surfaces.)

Number.	Finish
10	Natural Color of Metal.
12	Colored, Light Tint.
13	Colored, Medium Tint.
14	Colored, Dark Tint.
16	Colored, Black.
22	"Old" Metal, Light Tint.
24	"Old" Metal, Dark Tint.

RELIEF FINISHES.

(Always on Surfaces having Ornamentation in Relief.)

High parts in Natural Color of Metal. Matte or low parts colored as indicated below.

Number.	Finish.
30	Matte, Natural Color of Metal.
32	Matte, Colored, Light Tint.
33	Matte, Colored, Medium Tint.
34	Matte, Colored, Dark Tint.
36	Matte, Colored, Black, ("Ebonized.")
40	"Old" Metal, Light Tint.
42	"Old" Metal, Dark Tint.

OXIDES.

Number.	Finish.
52	Oxidized Surface, Light Tint.
53	Oxidized Surface, Medium Tint.
54	Oxidized Surface, Dark Tint.
56	Oxidized Surface, Black.

FANCY FINISHES.

Number.	Finish.
60	Dull or "Dead" Surface.
62	Terra Cotta.
64	Mottled.

FINISHES FOR IRON.

Number.	Finish.
80	Bower-Barffed.
90	Electro-Plated with Brass.
92	Electro-Plated with Bronze.
94	Electro-Plated with Copper.
96	Electro-Plated with Nickel.

EXAMPLES:

A Yale Front Door lock No. 230, with dark oxidized silver trimmings, would be: No. 230—S54.

No. 56 Knobs in dark bronze would be: No. 56 Knobs—B14.

No. 48 Knobs in Bower-Barffed Iron, would be: No. 48 Knobs—F80.

To Architects and Builders.

STILES OF DOORS. Attention is especially called to the desirability in designing doors, French windows, and other work of similar character, of leaving the stiles of sufficient width to accommodate the locks or other fastenings which are to be applied to them. It frequently occurs that a handsome and expensive door or window will be designed and constructed without any reference to the standard sizes of locks or fastenings which can be procured in the market, and after the door is made inquiry is forthwith set on foot for the lock. The expense of making a lock of special dimensions is always great, and it has been found in many cases that so little space has been left that it is impossible to make a satisfactory and durable lock. The wear on the moving parts of a lock is often very severe, and if sufficient room is not left to make these parts large and strong enough to resist the wear, dissatisfaction and trouble are inevitable. And a further disadvantage of narrow stiles is the liability of injury to the hand of the user, from the knob being so close to the jamb of the door.

For the reasons above pointed out, especial attention is called to the distance from the face of the lock to the center of the key-hole or hub, which is in every case given in this catalogue under the illustration of the lock. For those who intend to use Yale or Standard locks, this information will enable them to allow sufficient space in the stile of the door or window.

RABBETED DOORS. On every page also which describes rabbeted locks or latches, we state the size of the case and the regular rabbet, and on page 15 we illustrate a cross section of the rabbet. Reference to the illustrations will also enable doors to be made with a stile or rabbet which will obviate the expense and delay of making special fronts for locks.

BEVELED DOORS. All front door and vestibule locks and latches are regularly made by us with a bevel of ¼ inch in 2¼ inches. But this bevel can be altered to suit, and the method of measuring the bevel is shown on page 15.

FACE PLATES OF SLIDING DOOR LOCKS. With each illustration of our sliding door locks we state the size of the case, distance from face of the lock to the hub or key-hole, and show on page 15 a section of our regular astragal front, by conforming to which extra expense and delay may be avoided.

"HAND"

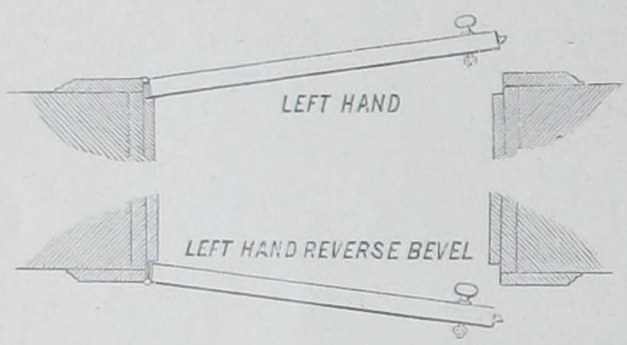
OF

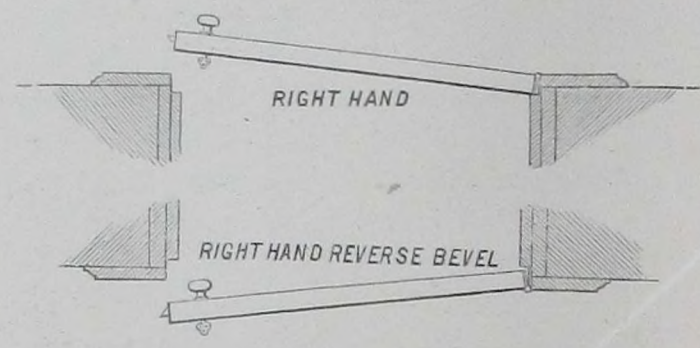
Locks, Latches and Butts.

The following cuts, showing the several positions in which locks, latches and butts may be used upon doors, are inserted as a guide to enable customers, when ordering, to properly specify whether right or left hand goods are required.

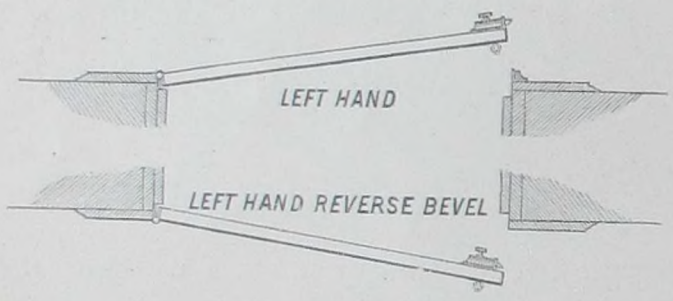
In the nomenclature adopted below we have conformed, after careful inquiry, to the general practice of the hardware trade in this particular.

MORTISE LOCKS.

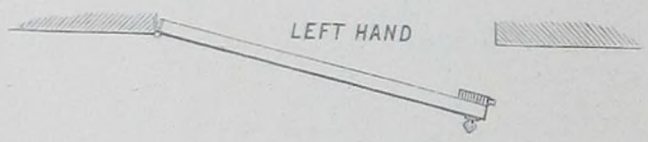


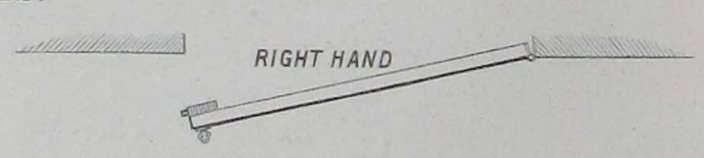


RIM LOCKS.

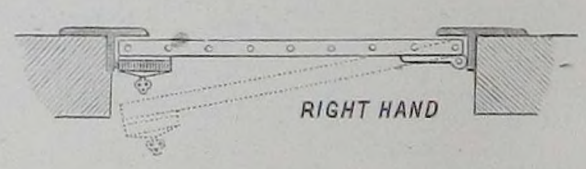


CUPBOARD LOCKS.





CELL LOCKS.



BUTTS.

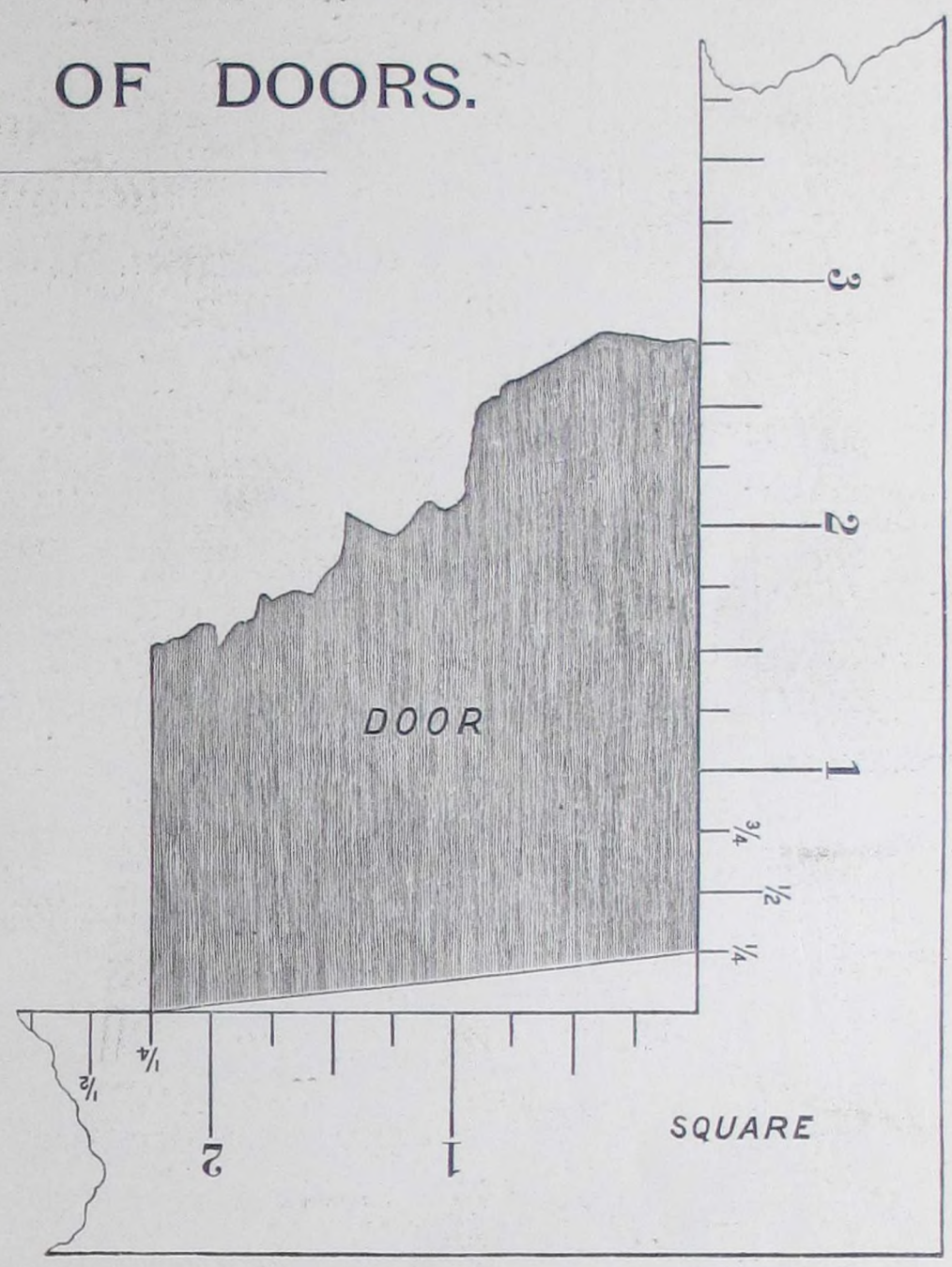
Doors which require right hand reverse bevel locks need left hand butts, and *vice versa.*

BEVEL OF DOORS.

In order to prevent misunderstanding of directions as to bevel, we annex cut showing a method of measuring the amount of bevel.

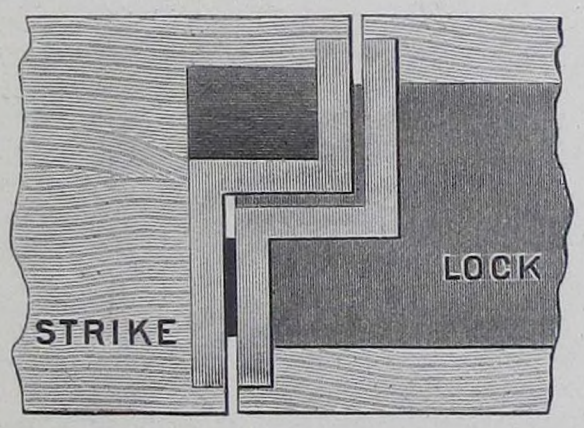
In ordering locks for doors with special bevel give the whole thickness of door, as measured by one arm of a square, and the amount of bevel as shown on the other arm.

For Example: The bevel of door illustrated is ¼ inch in 2¼ inches.

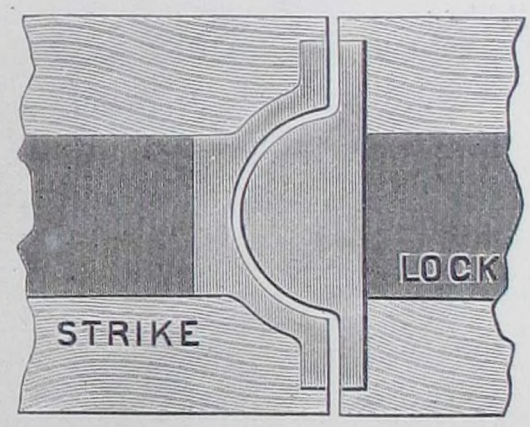


RABBETED AND ASTRAGAL FACED DOORS.

To construct doors for rabbeted and astragal faced locks so that no inconvenience or unnecessary expense may arise in applying such locks, we give below sectional views of the fronts and strikes of each, and dimensions of same in inches.



LOCK AND STRIKE
For Rabbeted Doors.
(FULL SIZE.)



LOCK AND STRIKE
For Astragal Faced Doors.
(FULL SIZE.)

Rabbeted Locks. All our rabbeted locks are **regularly** made with a ½ inch rabbet, as shown in illustration, *i. e.*, the face of lock on the inside projects ½ inch beyond the face of the lock on the outside of door. The outside portion of strike is boxed to receive a projection on face of the lock front, thus preventing access to bolt by a knife or chisel.

Astragal Faced Locks. We show above a view of our **regular** astragal faced locks for sliding doors. The bead on face of lock is ¾ inch wide and projects ⅜ of an inch, *i. e.*, it consists of one-half a circle of ¾ inch diameter. The groove in strike is made of $\frac{1}{12}$ inch greater or of $\frac{5}{8}$ inch diameter, so as to allow the bead on face of door to freely enter.

LOCKS:

Yale and Standard.

Two distinct lines of Locks are illustrated and described in this catalogue, designated respectively as the "YALE" and "STANDARD." The Yale locks are all based upon the inventions of the late Linus Yale, Jr., referred to more at length on following pages, but also include many and important improvements by others, and are intended for all uses where security is important. During the twenty years since the invention by Mr. Yale of the original flat key lock, the Yale locks have obtained and maintained a position which is unique for safety against picking and against accidental interchange of keys; for their immense capacity for permutation; for peculiar form of key which makes the surreptitious production of duplicates almost impossible, and for the thorough and workmanlike manner of their manufacture. Owing to constant demands, to meet special requirements, the varieties have been constantly increased, and we are now prepared to furnish Yale locks for practically every purpose where locks are used.

The STANDARD locks were originally produced to meet a demand (which was largely created by the satisfaction given by the Yale locks), for a line of locks which, while of a quality of workmanship and material equal to the Yale, should be less expensive in design and construction. These locks are in every respect superior to the ordinary makes of lever locks, and possess a high degree of security, and indeed all that is ordinarily requisite for inside domestic use. They are provided with bronze bolts, three steel tumblers which give a considerable capacity for change, and with nickel-plated steel keys. The Standard Cabinet locks, while low in price, offer considerable security and are of excellent quality and finish, and the Standard Padlocks are the handsomest and best line of padlocks ever made.

TRADE MARKS.

The universal favor with which the YALE and STANDARD locks have been received, has produced the usual effect among some manufacturers who desire to reap the benefits of our inventions, our experiments, and our labors. They seek to do this by the production of locks and keys having a close external resemblance to the YALE and STANDARD locks, but which resemblance ceases with the outside appearance. To guard against pirating of this sort, we propose hereafter to stamp or cast on all locks made by us our trade mark as above indicated, all the products of the Company bearing the trade mark itself, and underneath the word "YALE," or "STANDARD," as the case may be. In addition to this trade-mark, we retain both the words "Yale" and "Standard" as trade-marks applicable to all our products. Infringements upon our patents or trade-marks will be rigidly prosecuted.

FOR
GENERAL INDEX,
See Page 5.

THE "YALE" LOCKS.

INDEX OF YALE LOCKS.

RIM.

DEAD LOCKS, - - - - Pages 26 to 35
NIGHT LATCHES, - - - - " 36 to 45
NIGHT LATCHES AND LOCKS, - " 46 to 49
KNOB LOCKS, - - - - - " 50 and 51
DUPLEX, - - - - - - " 160 and 161

MORTISE.

NIGHT LATCHES, - - - - - " 52 to 61
NIGHT LATCHES, (WITH GUARDED BOLT,) " 62 to 65
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SLIDING DOOR DEAD LOCKS, - - " 82 to 85
" " " " AND BOLTS, " 86 and 87
" " LATCHES, - - " 88 and 89
" " KNOB LOCKS, - " 90 and 91

MORTISE. (Continued.)

OFFICE KNOB LOCKS, - - - Pages 92 to 102
FRONT DOOR LOCKS, - - " 103 to 115
VESTIBULE LATCHES, - - - " 116 to 123
COMBINED LOCKS AND LATCHES, WITH HANDLES, " 124 to 133
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CUPBOARD LOCKS, - - - " 136 to 139
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DRAWER LOCKS, - - - " 148 to 157
BUCKLE LOCKS, - - - - " 158
DUPLEX LOCKS, - - - " 176 to 179

YALE KEYS, see Key Section.

THE YALE LOCKS.

A BIT OF HISTORY.

The invention by the late Linus Yale, Jr., of the lock which bears his name effected a revolution in the size and construction of keys, and marks an era in the art of lock-making.

OLD FASHIONED KEY.

Prior to the invention of Mr. Yale the round key was in universal use, and its size was usually proportionate to the size of the lock it belonged to, and its length necessarily such as to enable it to reach through the door and operate a lock attached to the other side of the latter. The above illustration, therefore, is no exaggeration, but is merely a correct representation of the keys in common use for door locks at the time of Mr. Yale's original invention.

ORIGINAL YALE KEY.

Yale's improvements in key locks consisted, first, in separating the key mechanism of a door lock from the case of the lock (which contains the bolt) and enclosing it in a separate shell, or "escutcheon," inserted from the front of the door and connected permanently through the door with the lock case behind. This at once made possible the adoption of a **uniform size of keys for doors of all thicknesses.** The manner in which this was accomplished is shown in the following illustrations.

Fig. 2 shows a longitudinal section of the "escutcheon" of a Yale lock. The key is shown in the lock raising the pins (or tumblers) to such heights that the joints between the two pins contained in each hole coincide exactly with the joint between the "plug" and its hole, leaving the "plug" free to revolve and thus actuate the lock. Fig. 1 is a transverse section of the "escutcheon" taken through one of the pin holes on the line *c d* of Fig. 2. Fig. 3 is a front view of the "escutcheon," showing the key hole and "plug." When the key is withdrawn the small brass springs press the pins to the bottom of their respective holes, so that

the upper pin in each hole crosses the joint of the "plug" and effectually bars its motion. As the variation of one-fiftieth of an inch in the depth of any one notch of a key will so alter it that it will not open the lock to which it belongs, it is evident that an immense variety of keys can be made without duplication. From this results the unrivaled capacity of the Yale lock for permutations, and its proportionate safety against the accidental interchange of keys.

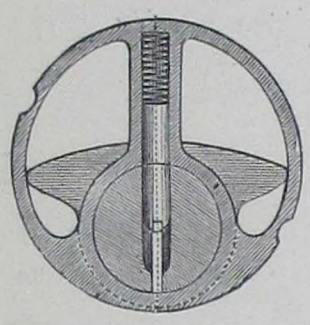


FIG. 1.

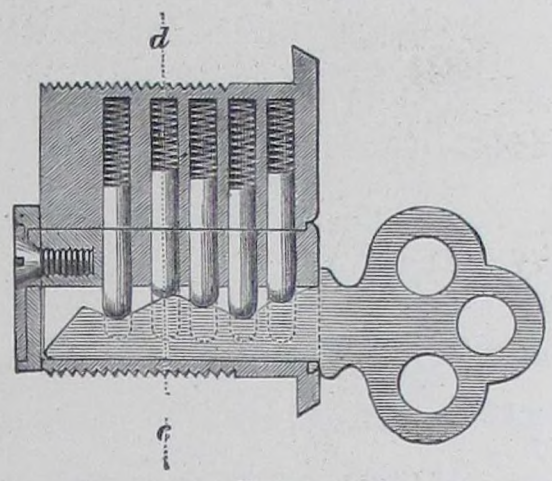


FIG. 2.

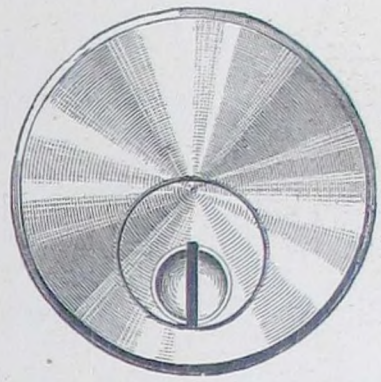


FIG. 3.

It will thus be seen that Mr. Yale's invention comprised a new tumbler mechanism which, while possessing great security, was also very much smaller and more compact than the similar parts of older locks, and enabled the tumbler mechanism to be easily and economically constructed as a separate or detached part of the lock. Providing the "escutcheon" with a rotating "plug" (for transmitting the desired motion to the bolt-work) he further reduced the function of the key to the mere setting of the tumblers, and to performing the part of a wrench or handle to rotate the plug which actuates the bolt-work. This construction enabled a flat key to be used, and led ultimately to the adoption of the small and convenient form embodied in the now well-known Yale lock key.

The salient advantages of the original Yale lock may be summed up as follows :

First—A key of the smallest size and most convenient form.

Second—Immense capacity for changes or permutations, so that more thousands of changes are possible than an equal number of dozens in the older locks.

Third—Great safety against picking, by reason of the small size of the key-hole and the accurate adjustment of the tumblers necessary to permit the lock to be operated.

Fourth—Uniformity of size of key for locks of all kinds and for all purposes, thus enabling any desired number of locks of the same or of various kinds to be set to the same key or to a master key.

Fifth—Protection against accidental interchange of keys, by reason of the vast capacity of the lock for permutation, thus guarding the user of a Yale lock against the most common and annoying danger incident to the use of ordinary locks, viz.: the opening of such lock by a key other than that belonging to it and controlled by the owner.

Sixth—Further protection against interchange of keys resulting from the fact that the peculiar form of the key-hole of the Yale lock precluded the entrance of any of the innumerable forms of keys existing at the time of its invention. In this respect it practically obliterated every key previously made as a possible factor in the accidental opening of a Yale lock, and in the truest sense marked a new departure.

The manufacture of the Yale lock, in its numerous styles and forms, was commenced in Massachusetts, but was soon afterwards moved to the present location at Stamford, Connecticut, where the business, under the auspices of The Yale Lock Manufacturing Company, grew from a small beginning to a large and important industry giving employment to hundreds of operatives. In the meantime, as the merits of the lock became more widely known, its use increased and the demand for it extended, until not only throughout the entire United States, but also in nearly every other country of the world the Yale locks were well and favorably known.

But not content with the achieved position of our products, our practice is to continually experiment, often at a large expense, for other still higher developments. As one outcome of this we were able a few years since to present the result of our efforts for the further perfecting of the Yale lock, which result was the fruit of more than five years of patient study and experiment.

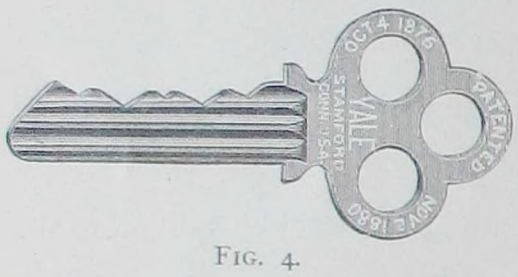


Fig. 4.

The improvement consisted in the production of the new Yale Corrugated Key, as shown in Fig. 4, which consists of the original flat key altered, by having its blade, or portion which enters the lock, corrugated in longitudinal lines. By special patented machines, which embody as much invention and ingenuity as the improved lock itself, a key-hole is made extending the entire length of the plug, and of a sinuous cross-section conforming to that of the key, as shown by Fig. 5 which represents the front of an "escutcheon."

When this improvement was placed upon the market we announced that it constituted a most important addition to the safety mechanism of the locks, and the most radical improvement in keys that had been made since the introduction of the original Yale lock, about 1861.

The favor with which the improvement has been received by the trade and by the public has fully justified this statement, and one familiar with the facts cannot doubt the commanding position occupied by the Yale locks with new corrugated keys.

Fig. 5.

We recapitulate below the advantages we originally stated would result from the use of the corrugated key, all our statements having been borne out by experience extending over five or six years, and with a great many thousands of locks.

First.—"Tilting" of the key in its key-hole is impossible, as the two are interlocked throughout their entire length, thus making it absolutely certain that the key will go exactly in place, and that the lock will always work smoothly.

Second.—No weight, such as a bunch of keys, can tilt the key and cause the lock to "stick."

Third.—The lock cannot possibly be operated by any key but its own.

FOURTH.—The shape of the key-hole so protects the tumblers, and renders them so inaccessible to instruments, as to make the lock practically proof against picking.

FIFTH.—Should an unauthorized person temporarily get possession of a key, it would not enable a duplicate to be made, because the corrugated key must conform with the nicest accuracy to the exact contour of its key-hole, or it cannot enter. This accuracy is only attainable, practically, by means of successive processes by special and very expensive machines, without which duplicate keys cannot be made of any material or by any manual process, so that illicit duplication of keys is perfectly guarded against.

SIXTH.—No key ever made before the introduction of the corrugated key will fit, or even enter, one of the locks, so that users of the latter have the greatest protection against accidental interchanging of keys.

Fig. 6 is a cross-section of the escutcheon of a new Yale lock exposing the tumbler mechanism and showing the new Corrugated Key in position under the pins or tumblers.

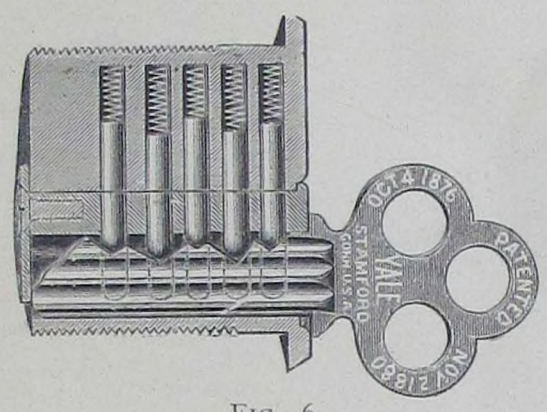


FIG. 6.

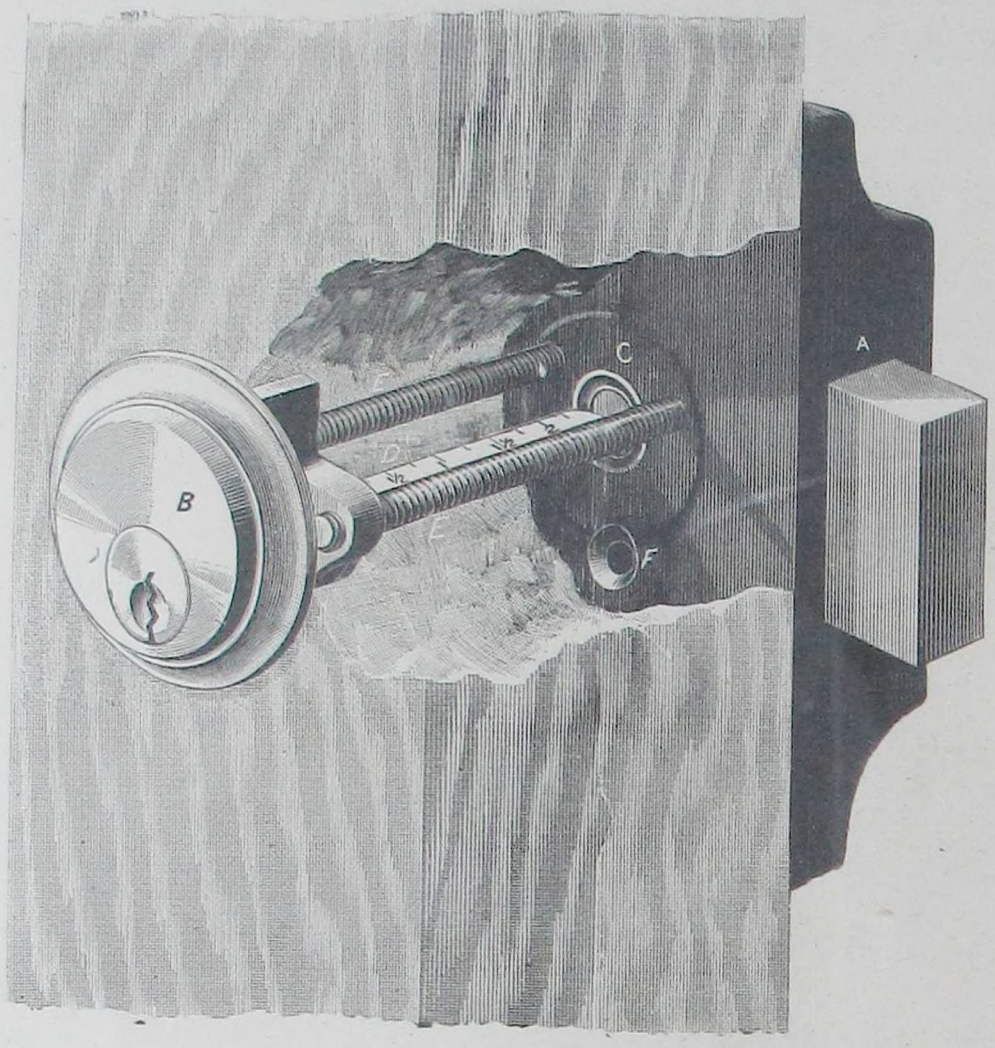
We present in this catalogue many hundred varieties of sizes and styles of the Yale lock, thus adapting it for every purpose for which locks are used and where security is desired. All Yale locks are now regularly furnished with corrugated keys, but to fill some special demands we retain in the catalogue and can fill orders for flat key locks, principally among the Cabinet locks.

The Yale locking mechanism being contained in an escutcheon or tumbler case by itself renders it very adaptable to special requirements, and we are constantly making locks to fill special needs. Inquiries for special locks will always have our prompt attention.

In addition to improving the locking mechanism proper of our locks we have not ceased to give careful attention to the mechanism contained within the case for throwing the bolt, latch, etc. We aim always to keep all parts of the lock up to the highest standard which the mechanical arts permit, and during the past five years have made substantial progress in this direction. The trim for our locks will be more especially referred to in another part of the catalogue and in design and execution will be found worthy of the locks.

In the endeavor to trade upon the reputation of the Yale locks many cheap and insecure locks have been furnished with flat keys and sold as Yale locks. Some dealers will call any lock with a flat key a Yale Lock. The key of every genuine Yale lock is stamped either "Yale" or "Yale Lock Mfg. Co." Every key not so stamped and pretending to be a Yale key is a fraud. The public is also warned against keys which imitate the trefoil bow of the Yale key and its corrugations. Look for the word YALE on the key.

ADJUSTMENT OF YALE RIM LOCKS.



(Scale Three-fourths Natural Size.)

A Yale Rim Lock or Latch consists of two principal parts :

(1). The case A, to be screwed against the inner face of the door, and containing the bolting mechanism ; and,

(2). The escutcheon B containing the mechanism actuated by the key, and inserted into the door from its front or outer side.

These two parts are permanently fastened together when the lock is attached to the door.

The above illustration shows a Yale Rim lock attached to a door, a portion of the wood being broken away so as to show the mode of connection between the lock case and the "escutcheon."

A is the lock case screwed against the inner face of the door, B the escutcheon inserted in a hole bored through the door from the outside. D is a flat steel connecting bar, fitting at one end into the revolving hub C in the lock case A, and at the other end into a slot in the rear of the key-plug of the escutcheon B. The connecting bar D is graduated to show the length to which it should be cut off to adapt it to any given thickness of door. It is easily cut by nicking it with a file and then breaking it. EE are two connecting screws inserted through proper holes within the lock case A, and screwed into lugs projecting from the rear of the escutcheon B, thus drawing the lock case and the escutcheon together and securing them to the door.

Ordinary rim locks are easily punched off of a door by striking on a bar inserted through the key-hole. A Yale Rim lock, secured as above, is proof against attack of this kind.

ADJUSTMENT OF YALE MORTISE LOCKS.

(Scale Three-fourths Natural Size.)

The Yale Mortise Lock or Latch consists of two principal parts :

(1.) The case A, mortised into the middle of the thickness of the door : and

(2.) The escutcheon B, screwed into the case A through a proper hole bored through the door from its face into the lock mortise.

The above illustration shows a Yale Mortise night latch attached to a door, a portion of the wood-work being broken away in order to show the connection between the lock case and the escutcheon.

The lock case A, of which the outline is indicated by the white dotted line, is mortised into the door in the usual manner. The escutcheon B, containing the tumbler mechanism on which the key operates, is then screwed into a threaded hole in the lock case A until the head or flange of the escutcheon is drawn up tight against the face of the door. E is a slide within the lock case, operated by the set screw D in the face of the lock. The slide E must be withdrawn to permit the escutcheon to be screwed into the lock case. When the escutcheon is screwed in to the proper point the slide E is forced into the groove on the side of the escutcheon by turning the set screw D. In this way the escutcheon is prevented from being unscrewed, and is firmly secured both to the door and to the lock case. The set screw D is of course inaccessible whenever the door is closed.

The escutcheon is provided with two grooves, one on each side, thus adapting the lock to either a right or left hand door. In locks having two escutcheons, one on each side, the adjustment of each escutcheon is made in the above manner.

YALE

UPRIGHT

RIM DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on Outside doors of Stores, Banks, Factories, Public Buildings, Etc.

Adjustable, as packed, to doors from 1⅛ inch to 4 inches thick. Can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated by the key from **both sides of the door.**

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 4 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 5 inches by 3 inches.

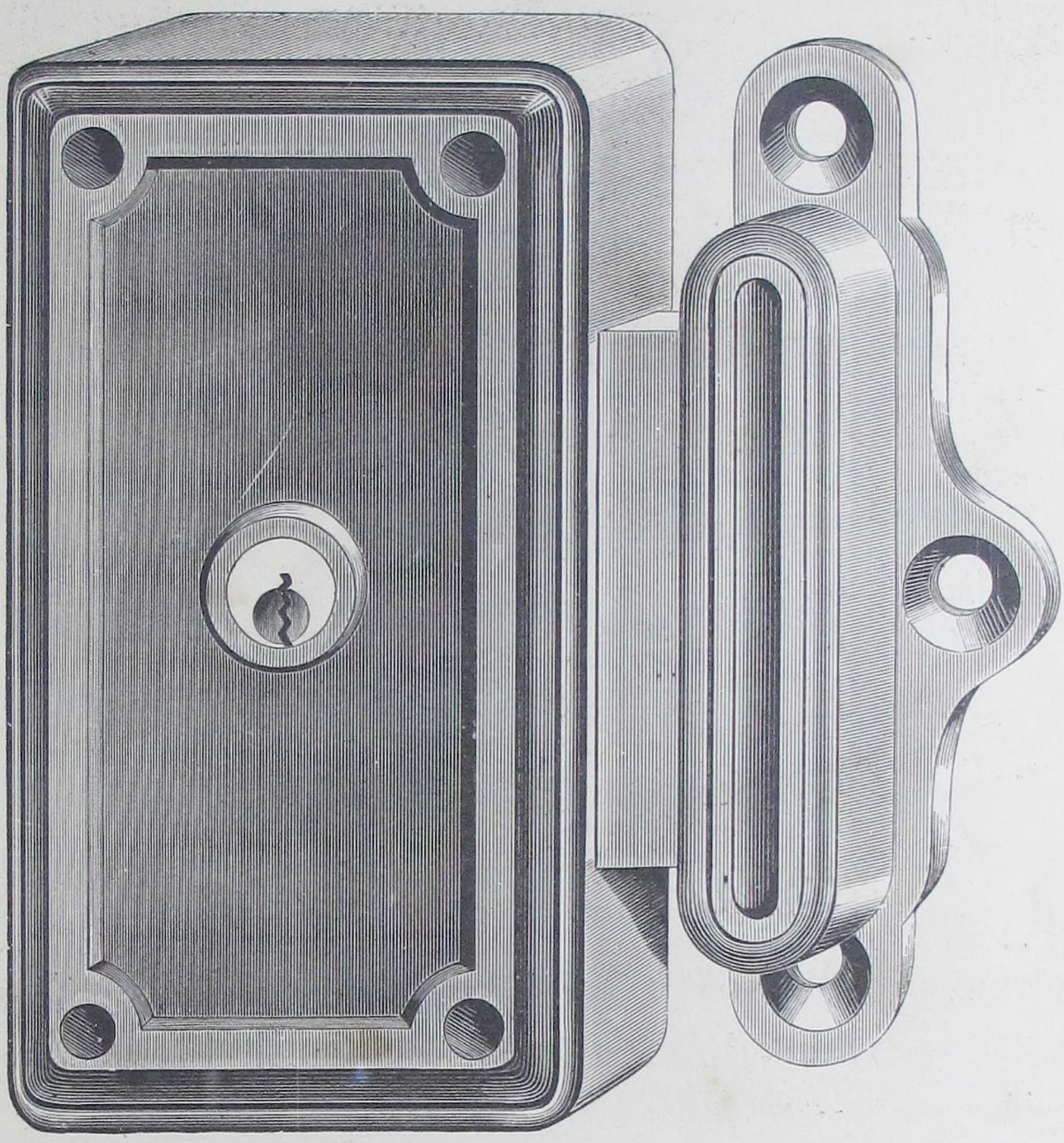
No.	Case and Strike.	Escutcheon.	Per Dozen.
2	Japanned Iron.	Plated.	
3	Japanned Iron.	Ornamental Bronze.	
4	Japanned Iron.	Plain Bronze.	
✢20	Bronze.	Plated.	
✢21	Bronze.	Ornamental Bronze.	
✢22	Bronze.	Plain Bronze.	

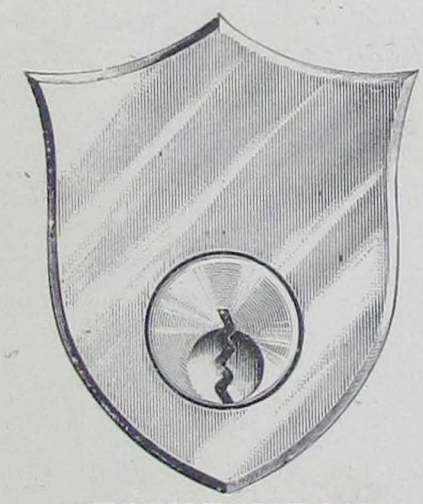
The same arranged for Iron Doors, if so ordered, without extra charge.

For other Locks of this class, see pages 28, 30 and 32.

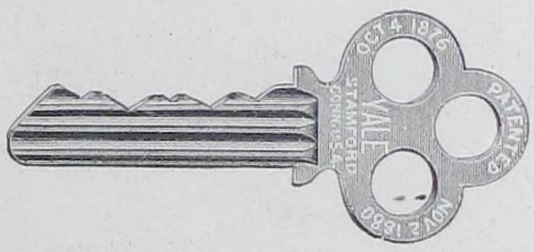
For Master and **Extra Keys,** see Key Section.

✢ Not kept in stock, but furnished to order.





ESCUTCHEON
For Nos. 2, 4, 20 and 22 Locks.



No. 6 Key.

ESCUTCHEON
For Nos. 3 and 21 Locks.

YALE UPRIGHT RIM DEAD LOCKS, Nos. 2 to 4, and 20 to 22.

[LARGE PATTERN.]

YALE

UPRIGHT

RIM DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Warehouses, Banks, Factories, Etc.

Adjustable, as packed, to doors from 1⅛ inches to 2⅞ inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated by the key from **both sides of the door.**

Right and **Left.** Can be adjusted at will both to right and left hand doors.

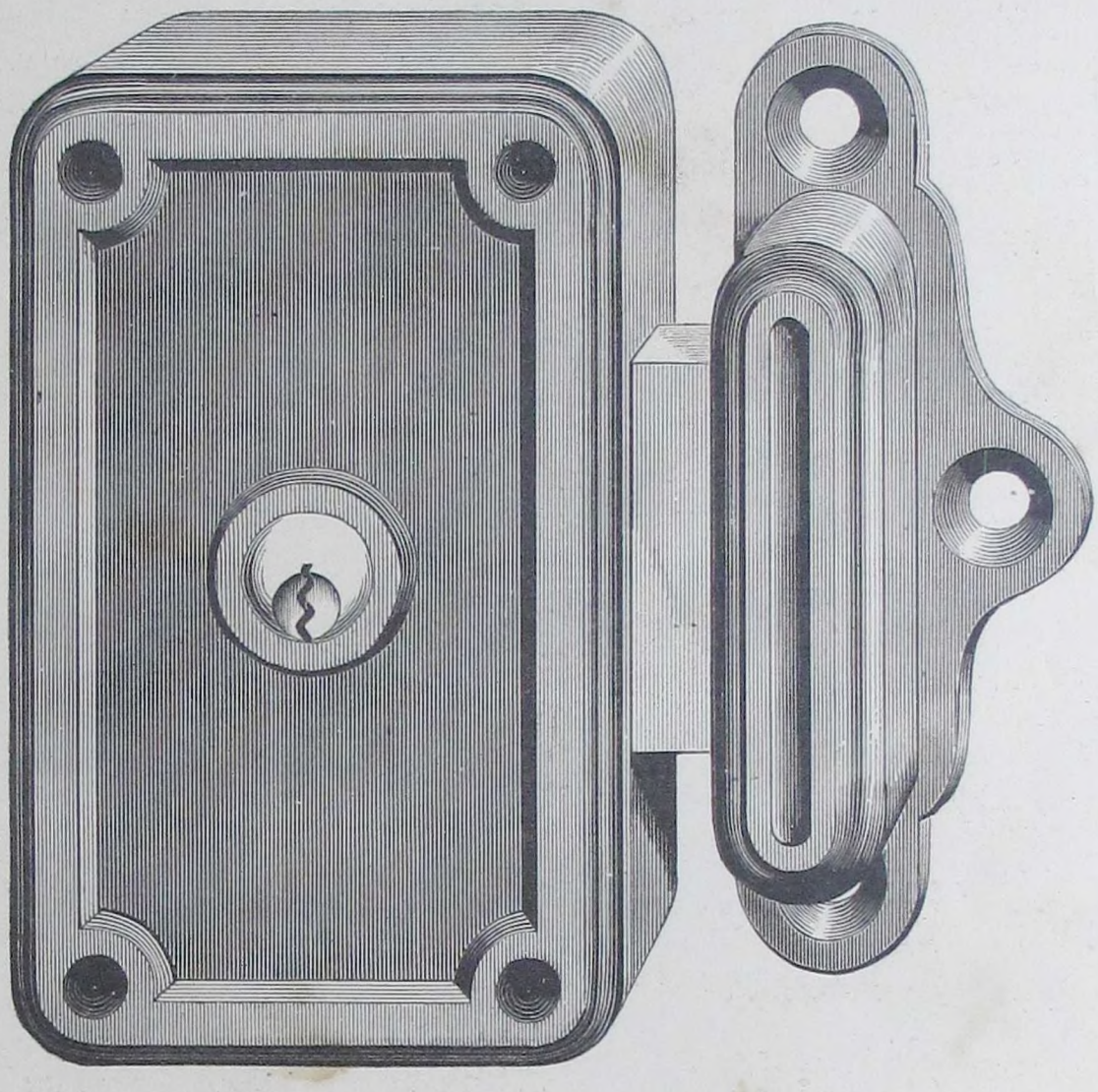
Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

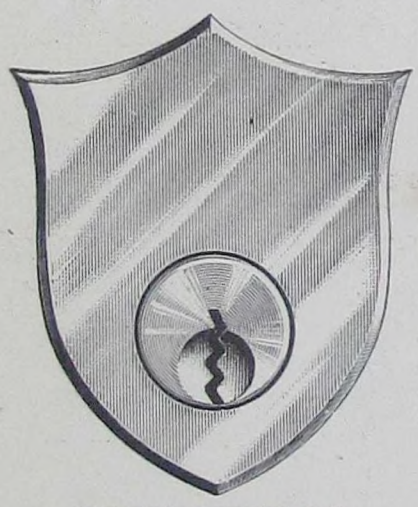
Heavy Bronze Bolt. **Case,** 4 inches by 2½ inches.

No.	Case and Strike.	Escutcheon.	Per Dozen.
10	Japanned Iron.	Plated.	
12	Japanned Iron.	Plain Bronze.	
13	Japanned Iron.	Ornamental Bronze.	

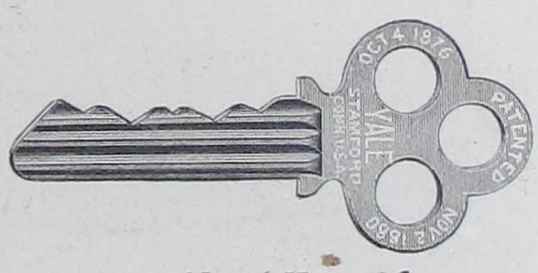
For other Locks of this class, see Nos. 2, etc., page 26, Nos. 700, etc., page 30, and Nos. 710, etc., page 32.

For Master and **Extra Keys,** see Key Section.





ESCUTCHEON
For Nos. 10 and 12 Locks.



No. 6 Key.

ESCUTCHEON
For No. 13 Lock.

YALE UPRIGHT RIM DEAD LOCKS, Nos. 10 to 13.

[SMALL PATTERN.]

YALE

UPRIGHT

RIM DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Churches and Public Buildings.

Adjustable, as packed, to doors from 1⅛ inches to 4 inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated from the outside by the key only, and on the inside by the knob.

Right and **Left.** Can be adjusted at will both to right and left hand doors.

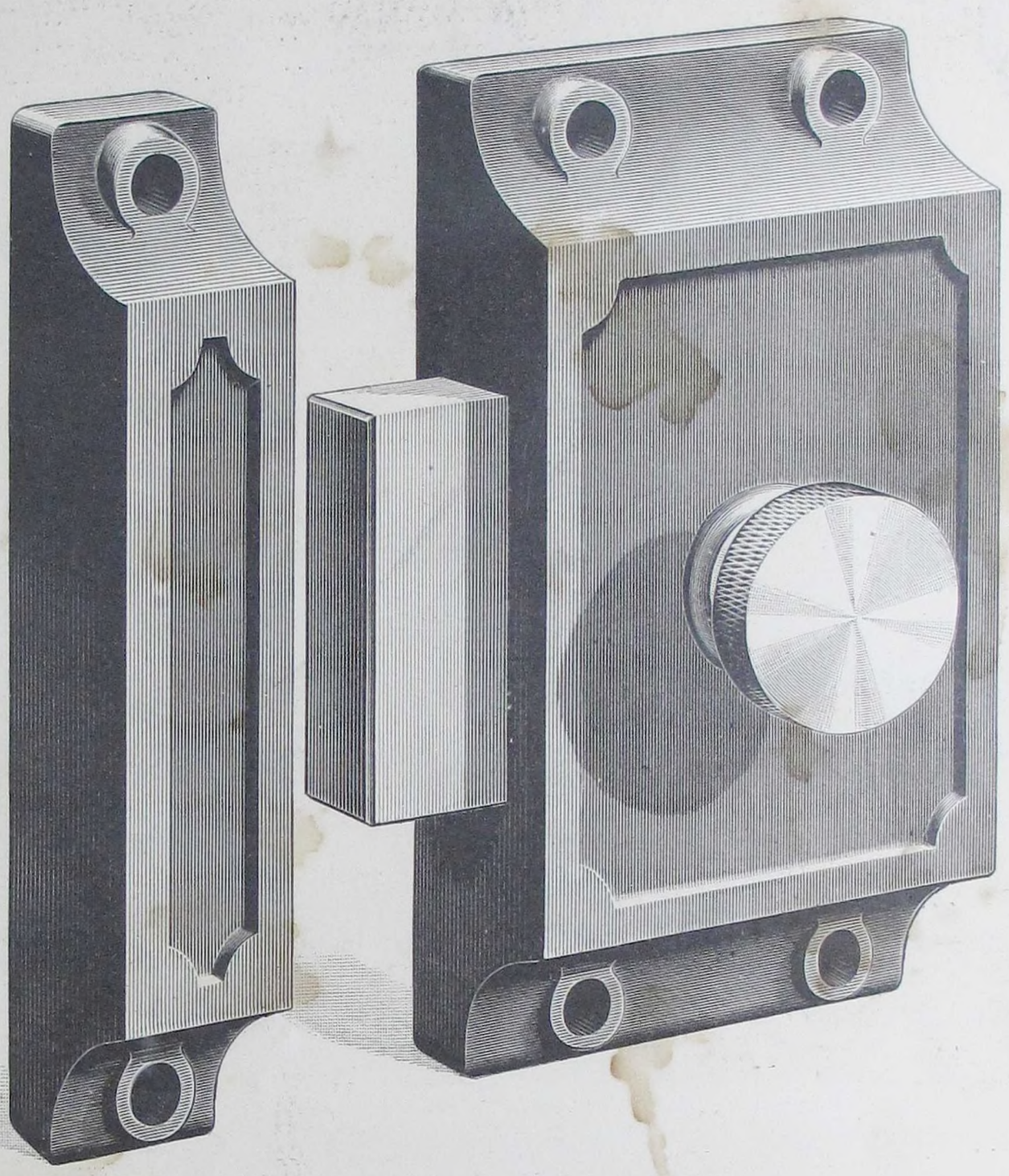
Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

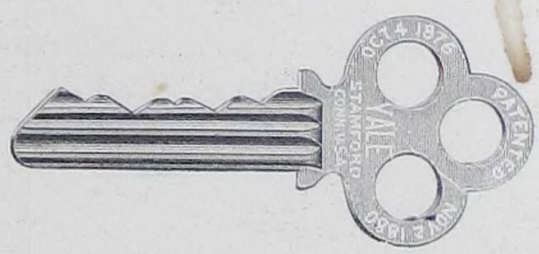
Heavy Bronze Bolt. **Case,** 5 inches by 2½ inches.

No.	Case and Strike.	Escutcheon.	Knob.	Per Dozen.
700	Japanned Iron.	Plated.	Plated.	
701	Japanned Iron.	Plated.	Bronze.	
702	Japanned Iron.	Plain Bronze.	Bronze.	
703	Japanned Iron.	Ornamental Bronze.	Bronze.	

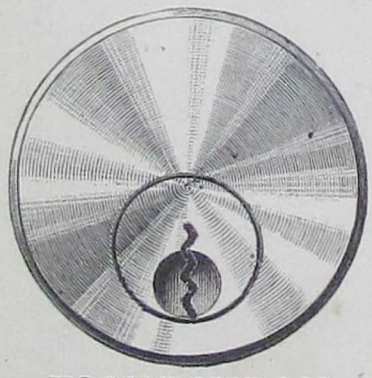
For other Locks of this class, see pages 26, 28 and 32.

For Master and **Extra Keys,** see Key Section.





No. 6 Key.



ESCUTCHEON
For Nos. 700, 701 and 702 Locks.

ESCUTCHEON
For No. 703 Lock.

YALE UPRIGHT RIM DEAD LOCKS, Nos. 700 to 703.

YALE

UPRIGHT

RIM DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Factories, Offices, Etc.

Adjustable, as packed, to doors from 1⅛ inches to 2⅞ inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated from the outside by the key only, and on the inside by the knob.

Right and **Left.** Can be adjusted at will both to right and left hand doors.

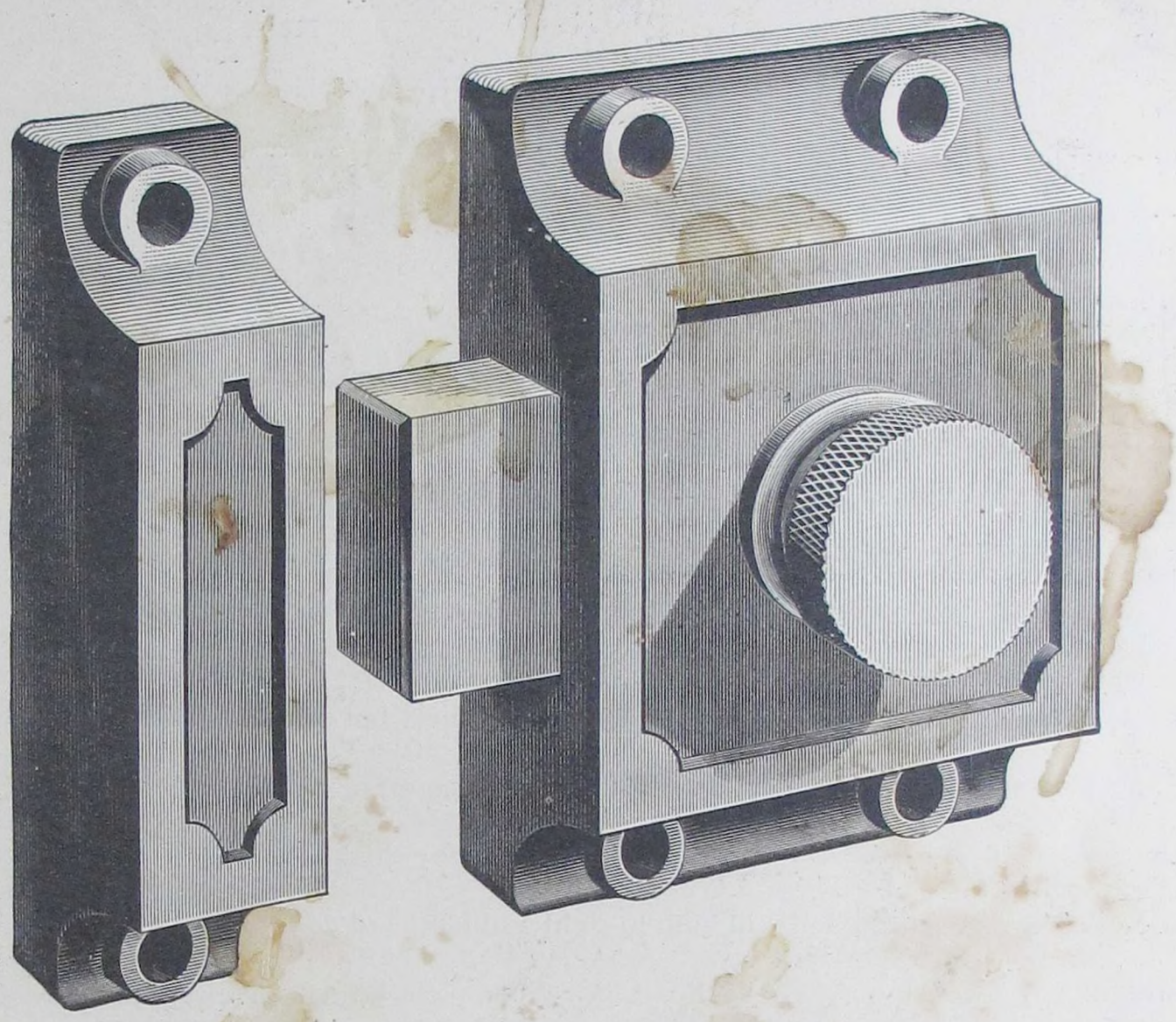
Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

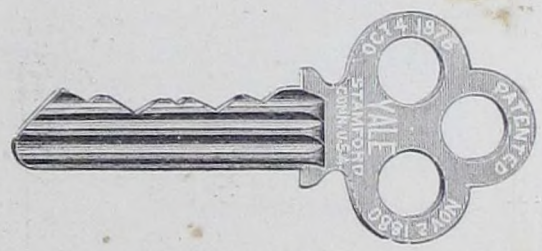
Heavy Bronze Bolt. **Case,** 4 inches by 2½ inches.

No.	Case and Strike.	Escutcheon.	Knob.	Per Dozen.
710	Japanned Iron.	Plated.	Plated.	
711	Japanned Iron.	Plated.	Bronze.	
712	Japanned Iron.	Plain Bronze.	Bronze.	
713	Japanned Iron.	Ornamental Bronze.	Bronze.	

For other Locks of this class, see Nos. 2, etc., page 26, Nos. 10, etc., page 28, and Nos. 700, etc., page 30.

For Master and **Extra Keys,** see Key Section.





No. 6 Key.

ESCUTCHEON

For Nos. 710, 711 and 712 Locks.

ESCUTCHEON

For No. 713 Lock.

YALE UPRIGHT RIM DEAD LOCKS, Nos. 710 to 713.

YALE

HORIZONTAL

RIM DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use upon Closet, Store Room and Chamber Doors of Hotels and Dwellings, and for light Store and Street doors.

Adjustable, as packed, to doors from 7/8 inch to 2 3/4 inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated from the outside by the key only, and on the inside by the knob.

Right and Left. Can be adjusted at will both to right and left hand doors.

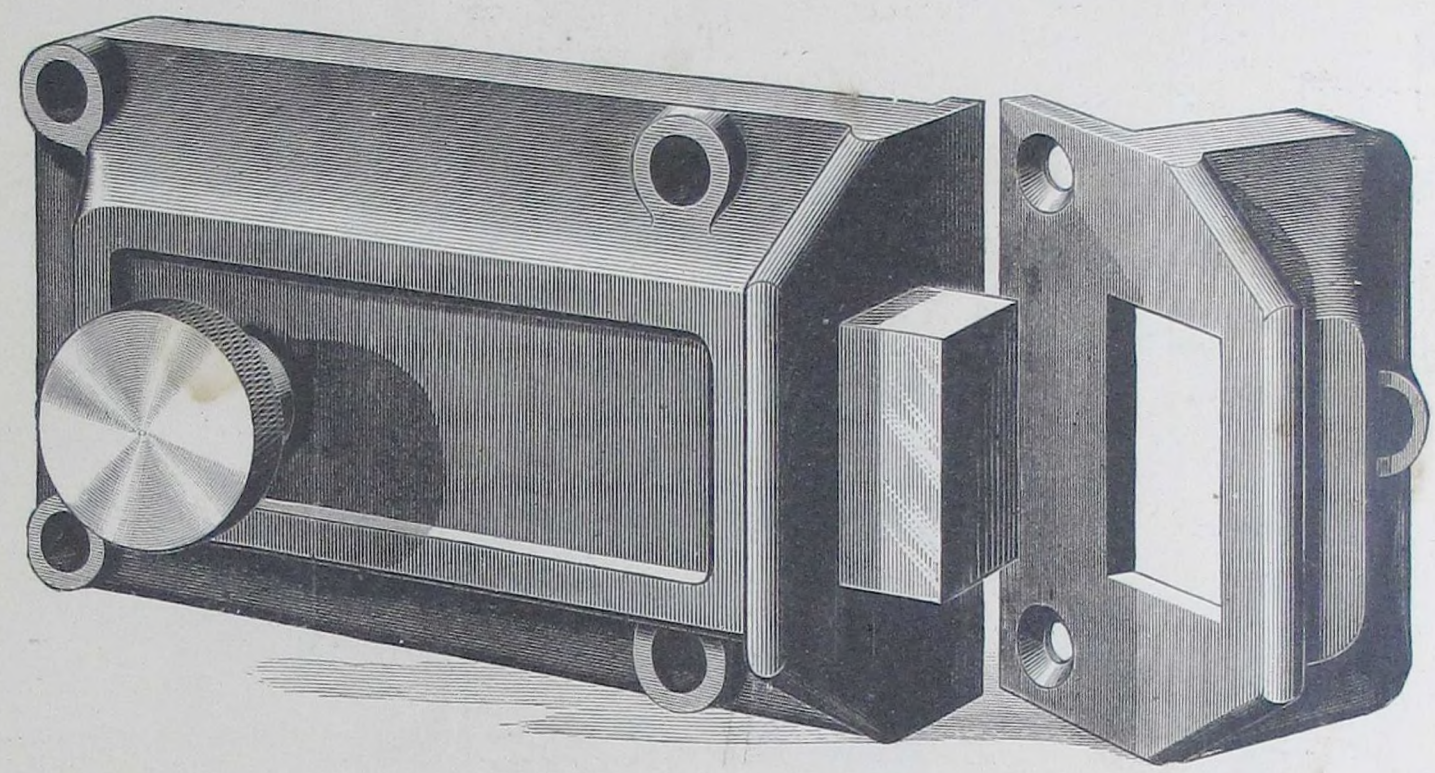
Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

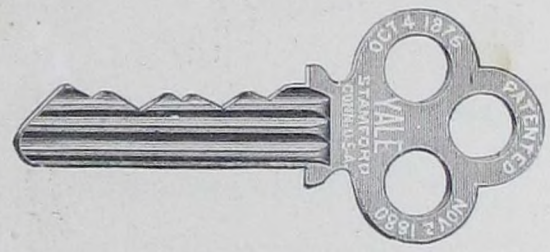
Heavy Bronze Bolt. Case, 2 3/8 inches by 3 5/8 inches.

No.	Case and Strike.	Escutcheon.	Knob.	Per Dozen.
30	Japanned Iron.	Plated.	Plated.	
31	Japanned Iron.	Plated.	Bronze.	
32	Japanned Iron.	Plain Bronze.	Bronze.	
33	Japanned Iron.	Ornamental Bronze.	Bronze.	

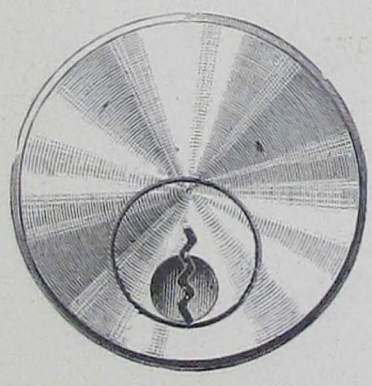
For Latches of same class, see Nos. 40, etc., pages 37 to 39, Nos. 50N, etc., page 40, Nos. 440, etc., page 42, and Nos. 740, etc., page 44.

For Master and Extra Keys, see Key Section.





No. 6 Key.



ESCUTCHEON

For Nos. 30, 31 and 32 Locks.

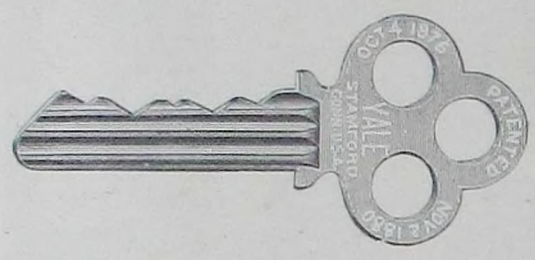
ESCUTCHEON

For No. 33 Lock.

YALE HORIZONTAL RIM DEAD LOCKS, Nos. 30 to 33.

THE YALE

RIM NIGHT LATCHES,



No. 6 Key.

With New Corrugated Keys,

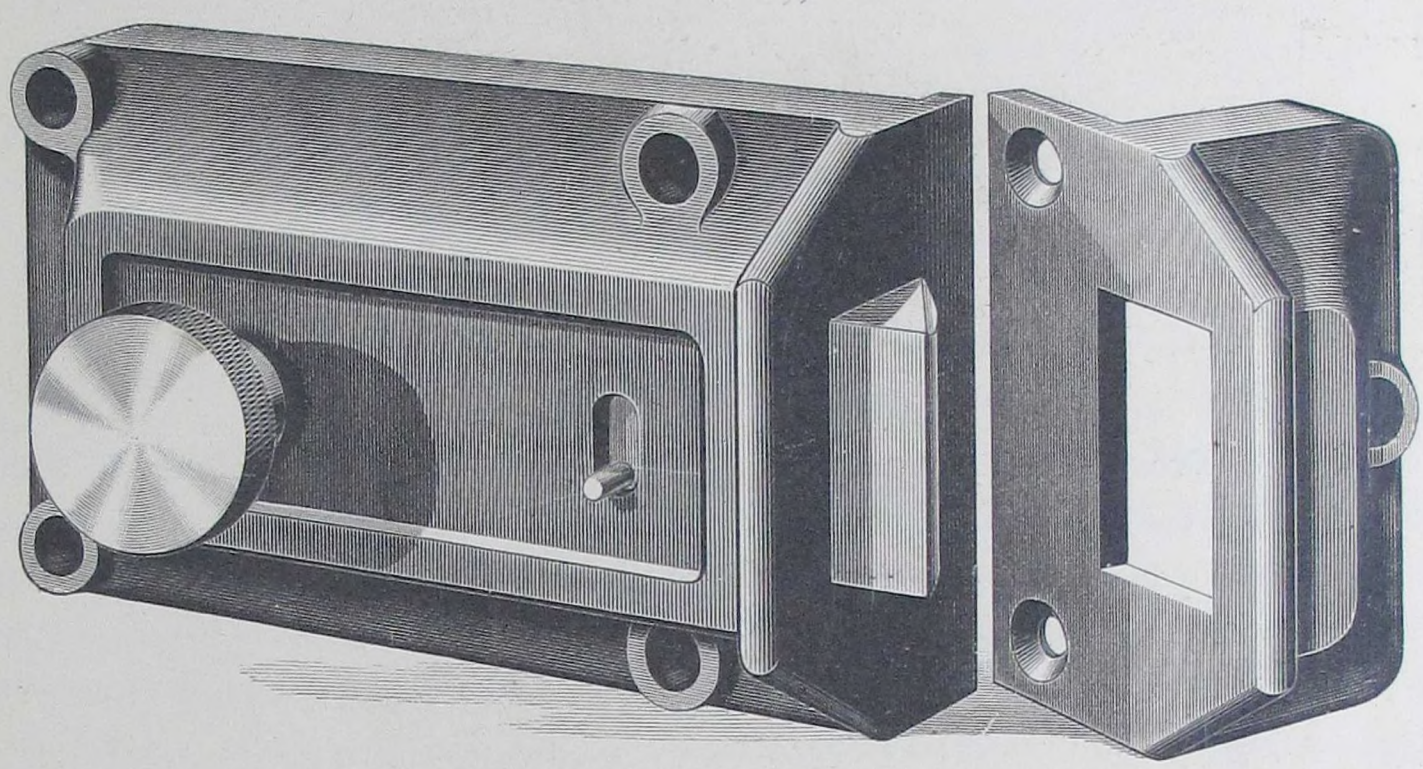
Are the most Convenient, Secure and Popular **Night Latches** in the World. They have maintained for years an unrivalled reputation among users and the Trade, and are included in every well-assorted Hardware Stock.

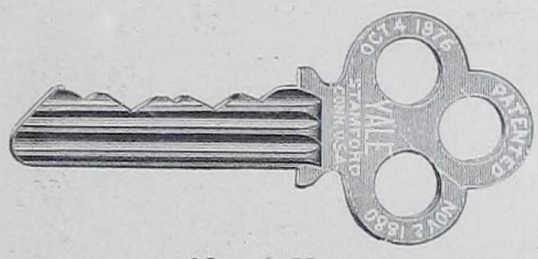
THE ONLY LATCH MADE THAT CANNOT BE PUNCHED OFF THE DOOR.

IN REAL BRONZE CASES

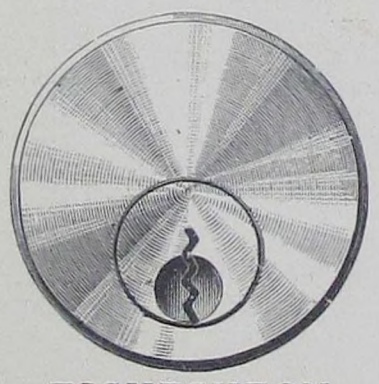
They are richer and handsomer than any similar lock ever made, and are an elegant addition to the trimming of any door.

For description see pages 37 to 45.





No. 6 Key.



ESCUTCHEON
For Nos. 40, 41 and 42, and 50, 51 and 52 Latches.

ESCUTCHEON
For Nos. 43 and 53 Latches.

YALE HORIZONTAL RIM NIGHT LATCHES, Nos. 40 to 43, and 50 to 53.

(For description, see pages 38 and 39.)

YALE

HORIZONTAL

RIM NIGHT LATCHES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Offices, Club Rooms, Stables, and on front doors of Dwellings in addition to a **Mortise lock.** For illustration, see preceding page.

Adjustable, as packed, to doors from 7/8 inch to 2 3/4 inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated from the outside by the key only, and on the inside by the knob, and the bolt may be fastened back at will by the spring catch on inside of case.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 Keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 2 3/8 inches by 3 5/8 inches.

No.	Case and Strike	Escutcheon.	Knob.	Per Dozen.
40	Japanned Iron.	Plated.	Plated.	
41	Japanned Iron.	Plated.	Bronze.	
42	Japanned Iron.	Plain Bronze.	Bronze.	
43	Japanned Iron.	Ornamental Bronze.	Bronze.	

Made also with Bronze Cases and Strikes, Nos. 50, etc., see following page.

DIRECTIONS FOR ORDERING.

Reverse Bevel. If reverse bevel is required, so specify in order. See page 16.

For heavier Latches of same class, see Nos. 740, etc., page 44.

For lighter Latches of same class, see Nos. 50N, etc., page 40, and Nos. 440, etc., page 42.

For Master and Extra Keys, see Key Section.

YALE

HORIZONTAL

REAL BRONZE

RIM NIGHT LATCHES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Offices, Club Rooms, Stables, and on Front doors of Dwellings in addition to a **Mortise lock.** For illustration, see page 37.

Adjustable, as packed, to doors from 7/8 inches to 2¾ inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated from the outside by the key only, and on the inside by the knob, and the bolt may be fastened back at will by the spring catch on inside of case.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 2⅜ inches by 3⅝ inches.

No.	Case and Strike.	Escutcheon.	Knob.	Per Dozen.
50	Plain Bronze.	Plated.	Plated.	
51	Plain Bronze.	Plated.	Bronze.	
52	Plain Bronze.	Plain Bronze.	Bronze.	
53	Plain Bronze.	Ornamental Bronze.	Bronze.	

DIRECTIONS FOR ORDERING.

Reverse Bevel. If reverse bevel is required, so specify in order. See page 16.

For heavier Latches in bronze cases, see Nos. 750, etc., page 44.

" **lighter** " " " " see Nos. 50N, etc., page 40, and Nos. 450, etc., page 42.

For Master and **Extra Keys,** see Key Section.

YALE

HORIZONTAL

RIM NIGHT LATCHES.

FOR DOORS WITH NARROW STILES.

WITH NEW CORRUGATED KEYS.

For Use on light doors or other doors with narrow stiles, such as Car, Ships' Cabin, Screen doors, etc., and, without knob, for Cupboard and Closet doors.

Adjustable, as packed, to doors from 7/8 inch to 2 3/4 inches thick, but can be furnished for other thicknesses if specified in order. For mode of adjustment, see page 24.

Operated from the outside by the key only, and on the inside by the knob, and the bolt may be fastened back at will by the spring catch on inside of case.

Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 2 3/8 inches by 2 5/8 inches.

No.	Case and Strike.	Escutcheon.	Knob.	Per Dozen.
50N	Plain Bronze.	Plated.	Plated.	
51N	Plain Bronze.	Plated.	Bronze.	
52N	Plain Bronze.	Plain Bronze.	Bronze.	
53N	Plain Bronze.	Ornamental Bronze.	Bronze.	

Made also with Brass Cases and Strikes, if so ordered.

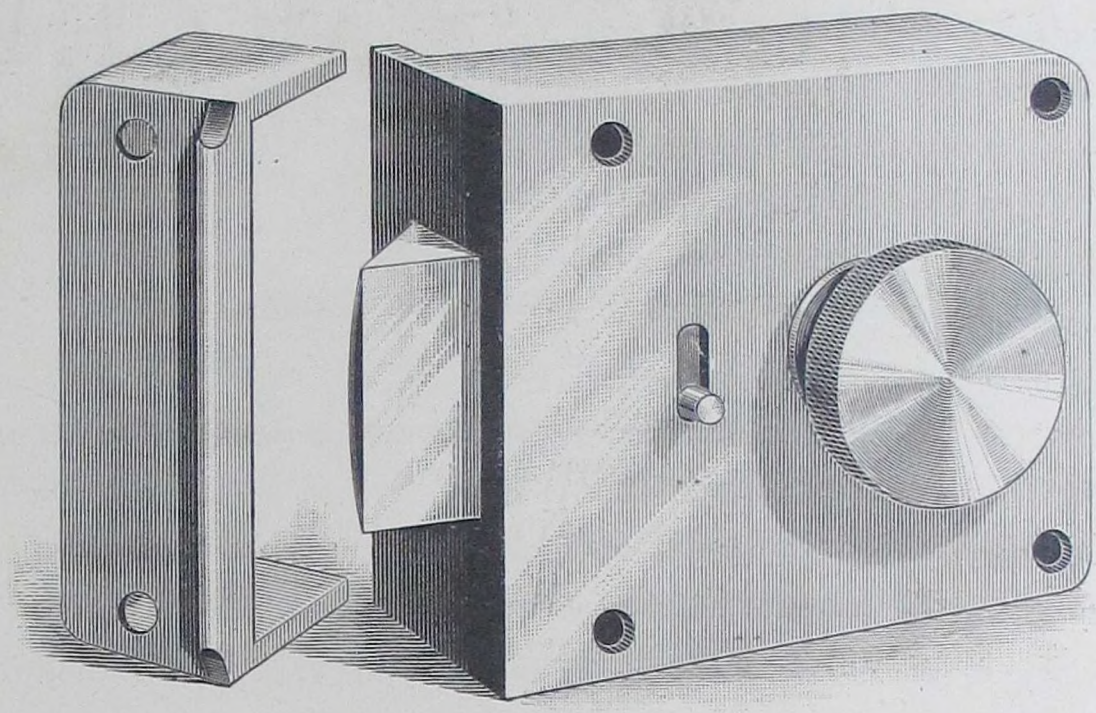
DIRECTIONS FOR ORDERING.

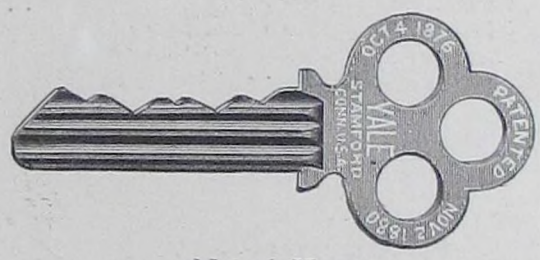
Reverse Bevel. If reverse bevel is required, so specify in order. See page 16.

For heavier Latches of same class, see Nos. 40, etc., pages 37 to 39, and Nos. 740, etc., page 44.

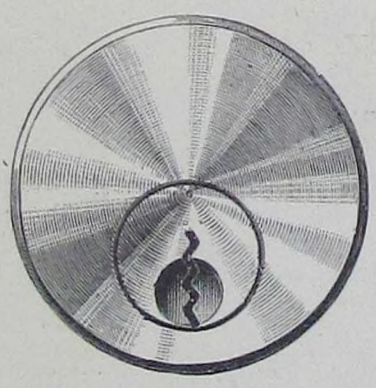
" lighter " " " " see Nos. 440, etc., page 42.

For Master and **Extra Keys,** see Key Section.





No. 6 Key.



ESCUTCHEON

For Nos. 50N, 51N and 52N Latches.

ESCUTCHEON

For No. 53N Latches.

YALE HORIZONTAL RIM NIGHT LATCHES, Nos. 50N to 53N.

[FOR NARROW STILES.]

YALE

HORIZONTAL

RIM NIGHT LATCHES.

FOR DOORS WITH NARROW STILES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Offices, Club Rooms, Stables, and on Front doors of Dwellings in addition to a Mortise lock.

Adjustable, as packed, to doors from 7/8 inch to 2 3/4 inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated from the outside by the key only, and on the inside by the knob, and the bolt may be fastened back at will by the spring catch on inside of case.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. Case, 2 1/8 inches by 2 3/4 inches.

No.	Case and Strike.	Escutcheon.	Knob.	Per Dozen.
440	Japanned Iron.	Plated.	Plated.	
441	Japanned Iron.	Plated.	Bronze.	
442	Japanned Iron.	Plain Bronze.	Bronze.	
443	Japanned Iron.	Ornamental Bronze.	Bronze.	

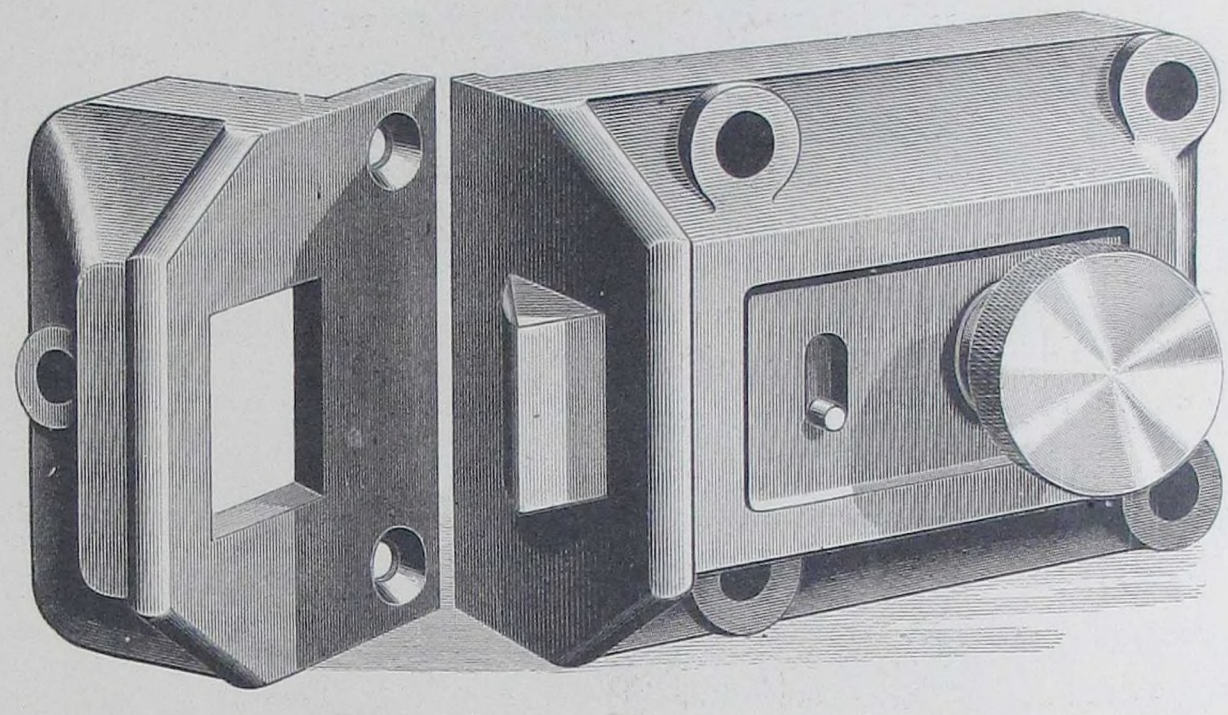
Made also with Bronze Cases and Strikes, Nos. 450, etc.

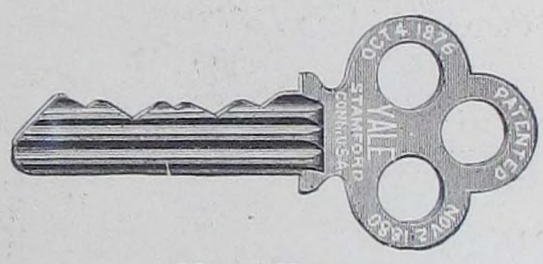
DIRECTIONS FOR ORDERING.

Reverse Bevel. If reverse bevel is required, so specify in order. See page 16.

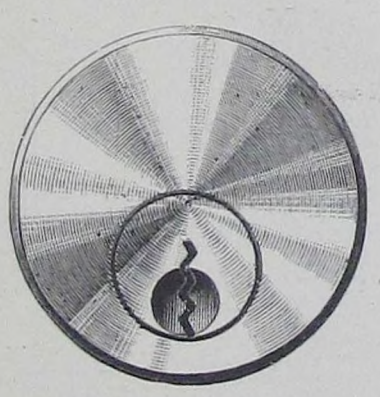
For heavier Latches of same class, see No. 40, etc., page 38, Nos. 50N, etc., page 40, and No. 740, etc., page 44.

For Master and Extra Keys, see Key Section.





No. 6 Key.



ESCUTCHEON

For Nos. 440, 441 and 442 Latches.

ESCUTCHEON

For No. 443 Latch.

YALE HORIZONTAL RIM NIGHT LATCHES, Nos. 440 to 443.

[FOR NARROW STILES.]

YALE

HEAVY HORIZONTAL

RIM NIGHT LATCHES.

WITH NEW CORRUGATED KEYS.

For Use in all places where Mortise locks are not applicable, and where a cheaper lock is desired, upon doors of Public Buildings, Warehouses, Stores, etc., etc.

Adjustable, as packed, to doors from 7/8 inches to 4 inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated from the outside by the key only, and on the inside by the knob, and the bolt may be fastened back at will by the spring catch on inside of case, which may be used also to dead-lock the latch.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt.

Case, 3 inches by 4 inches.

No.	Case and Strike.	Escutcheon.	Knob.	Per Dozen.
740	Japanned Iron.	Plated.	Plated.	
741	Japanned Iron.	Plated.	Bronze.	
742	Japanned Iron.	Plain Bronze.	Bronze.	
743	Japanned Iron.	Ornamental Bronze.	Bronze.	

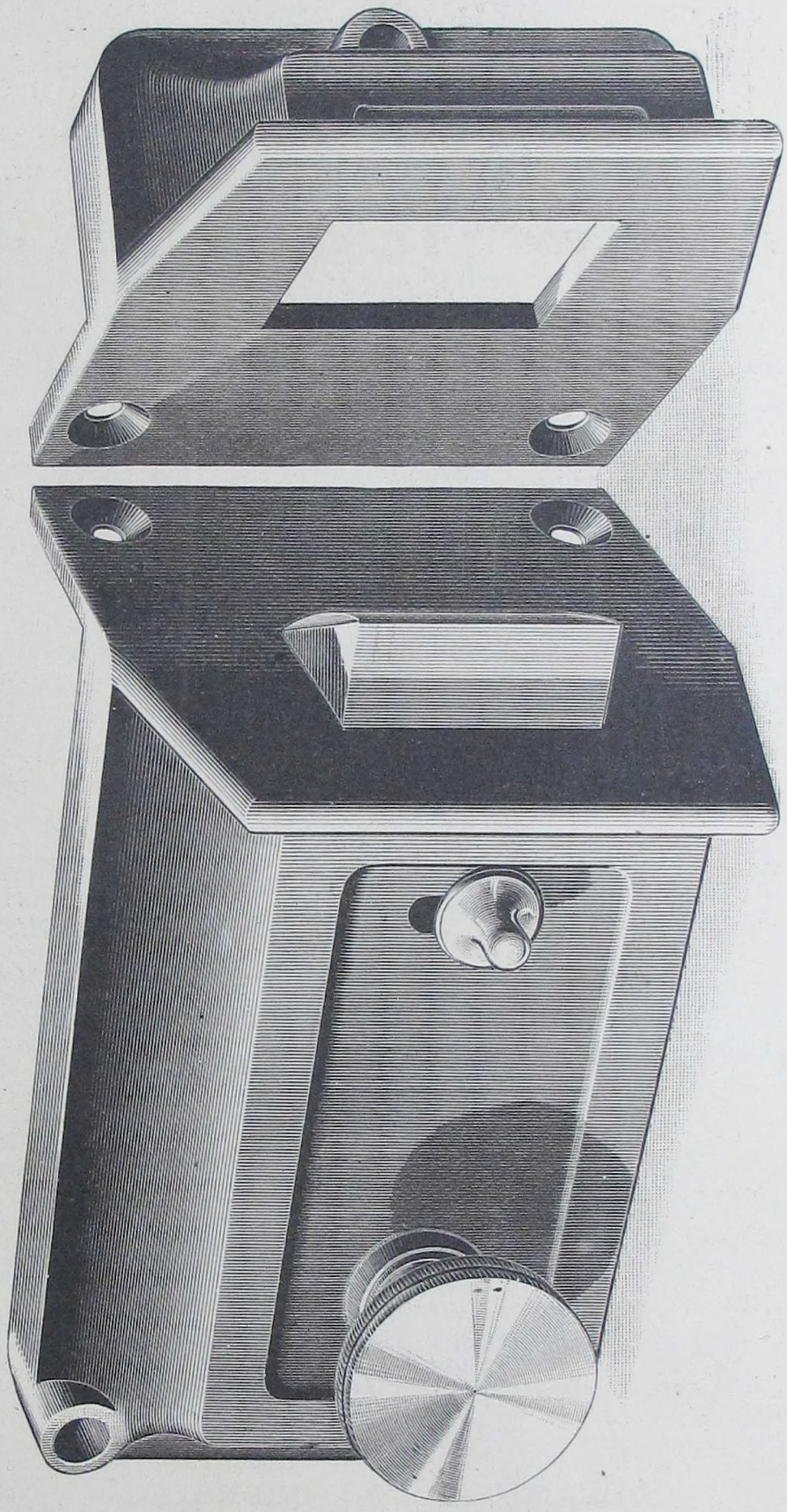
Made also with Bronze Cases and Strikes, Nos. 750, etc.

DIRECTIONS FOR ORDERING.

Reverse Bevel. If reverse bevel is required, so specify in order. See page 16.

For lighter Latches of this class, see Nos. 40, etc., page 38, Nos. 50N, etc., page 40, and Nos. 440, etc., page 42.

For Master and Extra Keys, see Key Section.



YALE HORIZONTAL RIM NIGHT LATCHES, Nos. 740 to 743.

[HEAVY PATTERN.]

YALE

HORIZONTAL RIM

NIGHT LATCHES AND LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on outer or front doors of Residences and Apartments, and for inside communicating doors.

Adjustable, as packed, to doors from 7/8 inches to 4 inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated as to the dead-bolt by the key from **both sides of the door.** The latch-bolt can be unlocked from the outside by the key only, and from the inside by the draw-back knob.

Right or Left according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. Case, 4 1/8 inches by 5 inches.

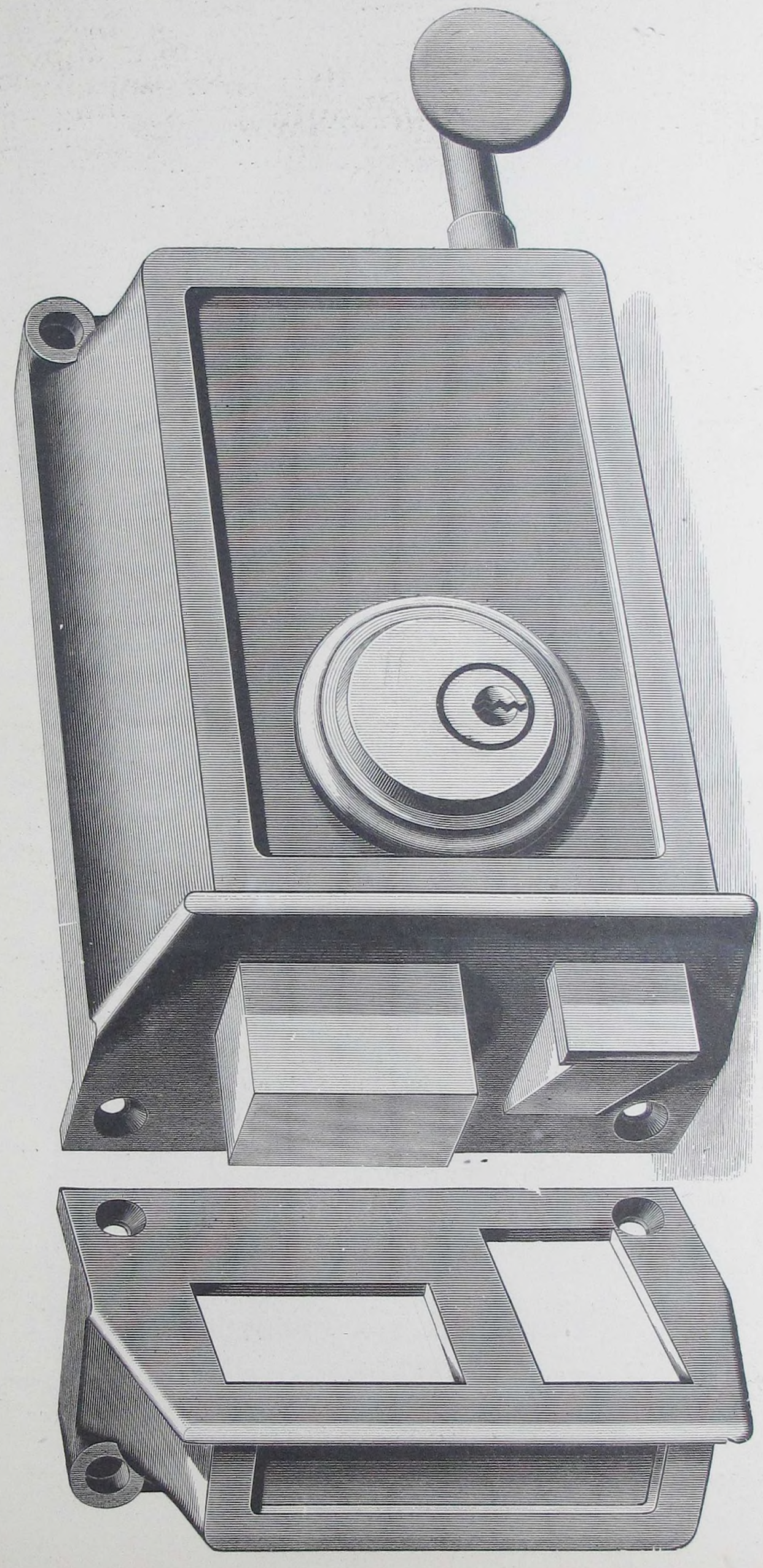
No.	Case and Strike.	Escutcheons.	Knob.	Per Dozen.
760	Japanned Iron.	Plated.	Plated.	
761	Japanned Iron.	Plated Outside. Bronze Inside.	Bronze.	
762	Japanned Iron.	Plain Bronze.	Bronze.	
763	Japanned Iron.	Ornamental Outside. Plain Inside.	Bronze.	

DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

Reverse Bevel. If reverse bevel is required, so specify in order, and state whether Right or Left Hand. See page 16.

For Master and **Extra Keys,** see Key Section.



YALE HORIZONTAL RIM NIGHT LATCHES AND LOCKS, Nos. 760 to 763.

[FRENCH STYLE OF FRONT DOOR LOCK.]

YALE

HORIZONTAL RIM

NIGHT LATCHES AND LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on Iron Gates of Areas, etc., unless specially ordered for Wooden Doors.

Adjustable, as packed, to gates of any thickness up to 1 inch. Can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated as to the dead bolt by the key from **both sides of the gate or door.** The latch bolt can be unlocked from the outside by the key only, and from the inside by the turn-knob. The outside escutcheon (not shown in the cut) is attached to the lock and not separate, as in the case of other Rim locks.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, machine screws, (unless ordered with wood screws), and printed directions for putting on.

Heavy Bronze Bolts. **Case,** 4⅛ inches by 5 inches.

No.	Case and Strike.	Escutcheons.	Knob.	Per Dozen.
780	Japanned Iron.	Plated.	Plated.	
781	Japanned Iron.	Plated Outside, Bronze Inside.	Bronze.	
782	Japanned Iron.	Plain Bronze.	Bronze.	

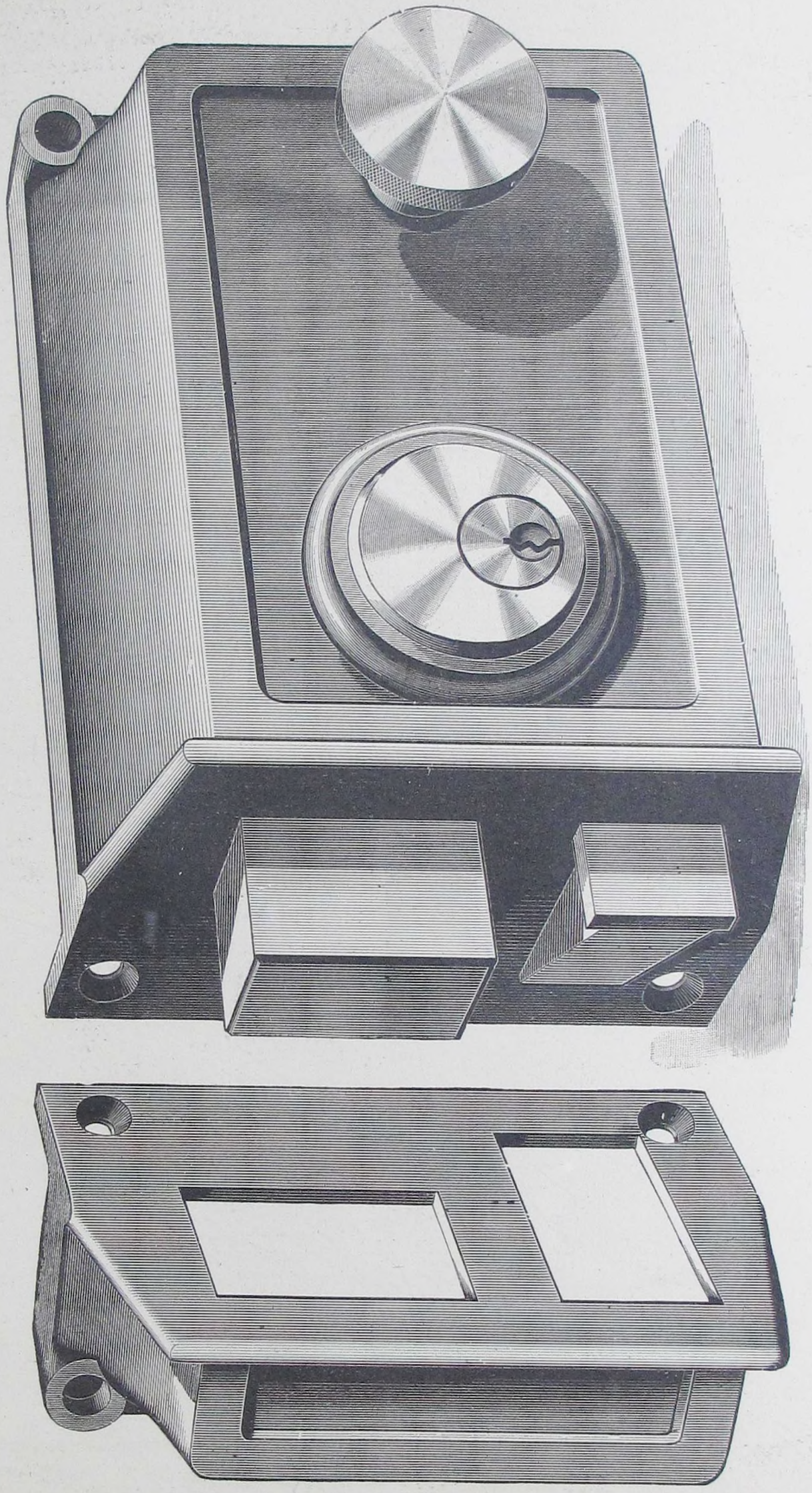
DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

Reverse Bevel. If reverse bevel is required, so specify in order. See page 16.

Wooden Doors. Can be furnished for wooden doors, if specified in order.

For Master and **Extra Keys,** see Key Section.



YALE HORIZONTAL RIM NIGHT LATCHES AND LOCKS, Nos. 780 to 782.

YALE

RIM KNOB LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on wooden or iron outer or front doors of Public Buildings, Warehouses, Stores, Areas, etc., where a Rim lock is required.

Adjustable to doors of any thickness, as specified in order. For mode of adjustment, see page 24.

Operated, as to the dead bolt, by the key from **both sides of the door.** The latch bolt by the knobs in the usual manner.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Case,** 6½ inches by 4¾ inches.

No.	Case and Strike.	Escutcheons.	Per Dozen. Without Knobs.
755	Japanned Iron.	Plated.	
756	Japanned Iron.	Plain Bronze.	
757	Japanned Iron.	Ornamental Bronze.	

Made also with Bronze Cases and Strikes, Nos. 765, etc.

DIRECTIONS FOR ORDERING.

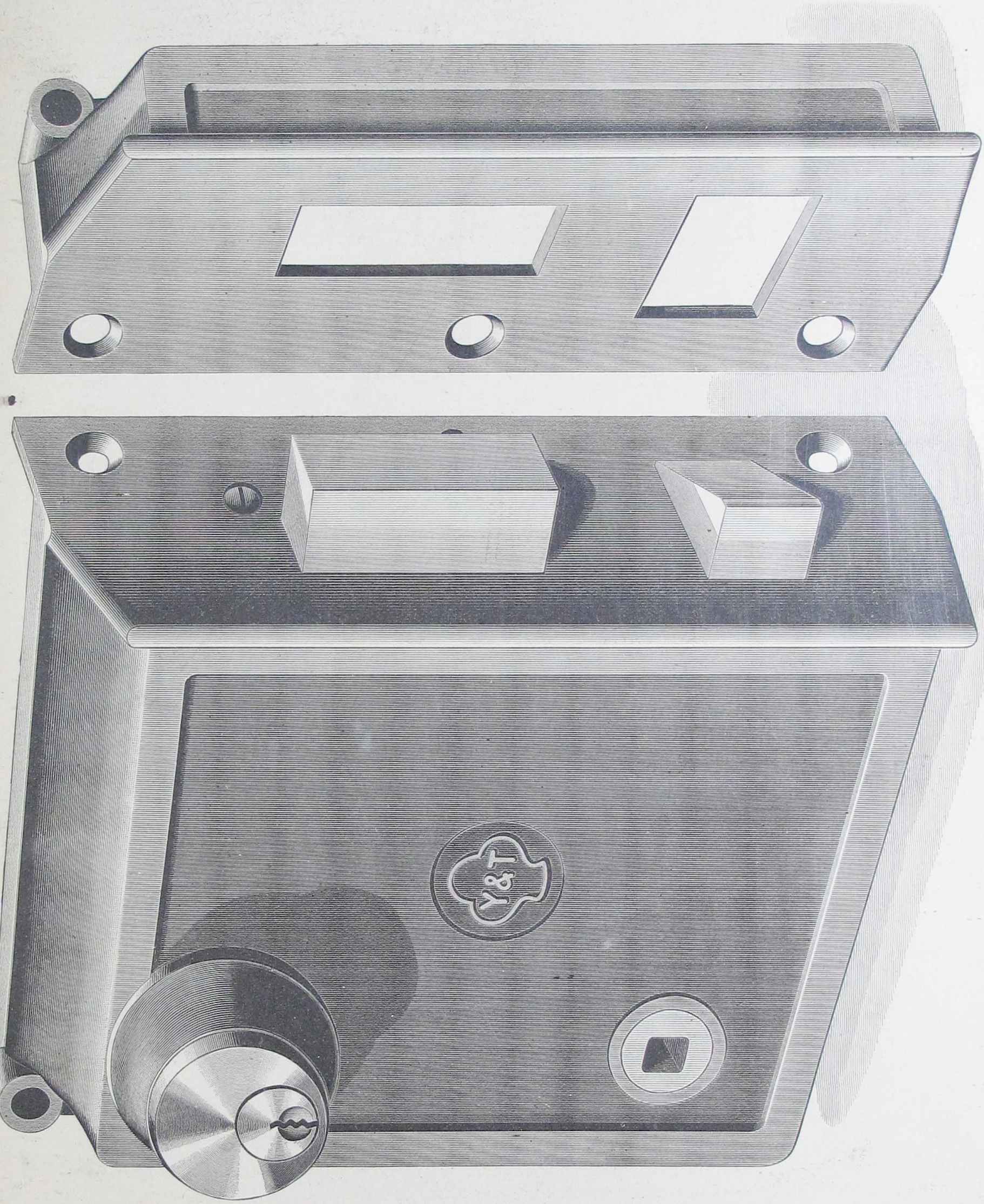
Thickness of Doors. State, when ordering, thickness of doors for which locks are desired.

Wooden or Iron Doors. Specify in order whether for wooden or iron doors.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

Reverse Bevel. If reverse bevel is required, so specify in order. See page 16.

For Master and **Extra Keys,** see Key Section. **For Knobs,** see Bronze Goods Section.



YALE RIM KNOB LOCKS, Nos. 755 to 757.

YALE

MORTISE

NIGHT LATCHES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Residences, Offices, Private Rooms, Lodges and Club Rooms.

Adjustable, as packed, to doors from 1¼ inches to 3 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Right and Left. Can be adjusted at will both to right and left hand doors.

Operated from the outside by the key only, and on the inside by a 1¾ inch knob. The bolt may be fastened back at will by the spring catch in front.

***Two Escutcheons** can be used with this latch, when specially so ordered, in which case the knob is omitted and the lock operated by key from both sides.

Packed, each latch in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 3¼ inches by 3½ inches.

No.	For Doors (Thickness.)	Front.	Escutcheon.	†Knob.	Knob Rose.	Per Dozen.
60 61	1¼ to 2 ins. 2⅛ to 3 ins.	Plated.	Plated.	Plated. (No. 2105.)	Plated.	
62 63	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plated.	Plated. (No. 2105.)	Plated.	
64 65	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plated.	Pearl White. (No. 2129P.)	Plaetd.	
66 67	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plain Bronze.	Pearl White. (No. 2129P.)	Plated.	
70 71	1¼ to 2 ins. 2⅛ to 3 ins.	Ornamental Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 2107.)	Ornamental Bronze.	
72 73	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 2107.)	Ornamental Bronze.	
74 75	1¼ to 2 ins. 2⅓ to 3 ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 2115.)	Plain Bronze.	

*Extra Escutcheon. Extra charge for the additional escutcheon, (the knob being omitted.) . . . . . Nos. 60 to 75,

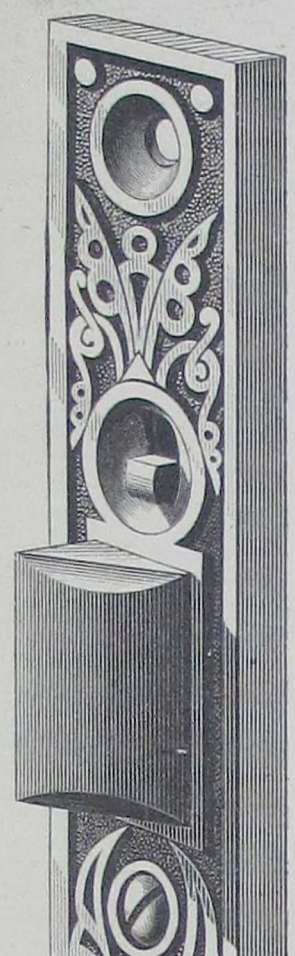
When ordering with **two escutcheons** specify exact thickness of door.

†Knob. Wood or other 1¾ inch mortise latch knobs listed in Bronze Goods Section, may be substituted in place of any of the knobs specified in table.

For heavier Latches of same class, see Nos. 460, etc., page 60.

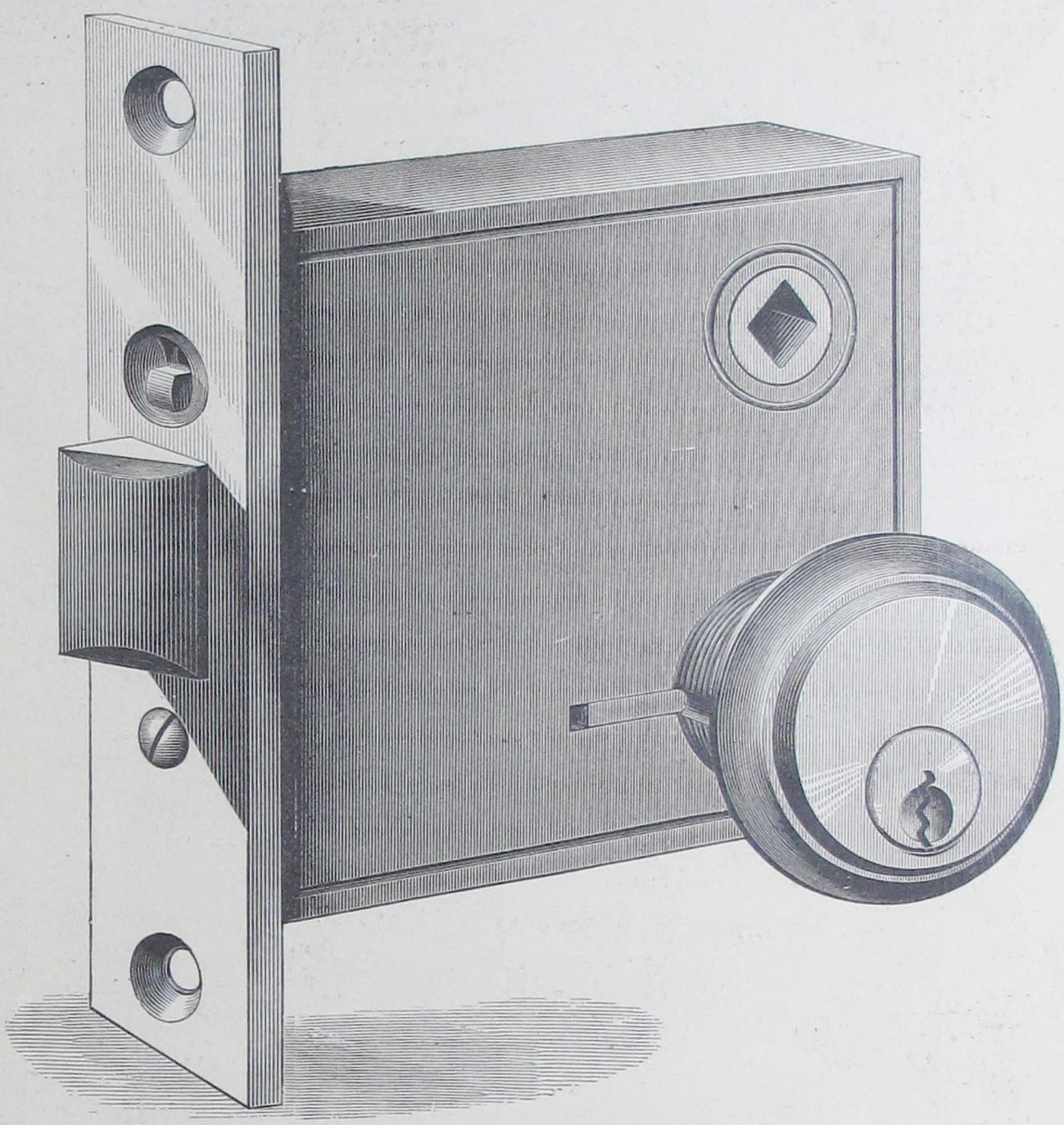
" narrower " " " " see Nos. 60N, etc., pages 56 to 59.

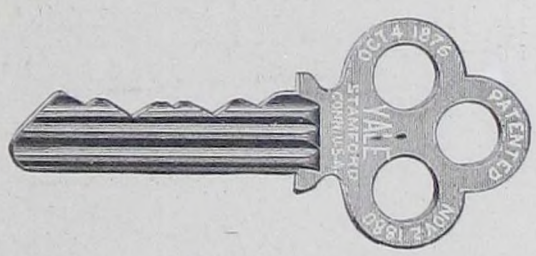
With Guarded Bolts, see page 62. **For Master and Extra Keys,** see Key Section.



FRONT

For Nos. 70 and 71 Latches.





No. 6 Key.

Distance from edge of door to center of Hub, 2¾ inches.
" " " " " " Escutcheon, 2¾ inches.
Thickness of Case, ¾ inch.

YALE MORTISE NIGHT LATCHES, Nos. 60 to 75.

YALE

RABBETED

MORTISE NIGHT LATCHES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Residences, Offices, Private Rooms, Lodges and Club Rooms.

Adjustable, as packed, to doors from 1¼ inches to 3 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated from the outside by the key only, and on the inside by a 1¾ inch knob. The bolt may be fastened back at will by the spring catch in front.

***Two Escutcheons** can be used with this latch, when specially so ordered, in which case the knob is omitted and the lock operated by key from both sides.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Rabbet,** ½ inch. (See page 17.) **Case,** 3¼ inches by 4 inches.

No.	For Doors (Thickness.)	Front.	Escutcheon.	†Knob.	Knob Rose.	Per Dozen.
80 81	1¼ to 2 ins. 2⅛ to 3 ins.	Plated.	Plated.	Plated. (No. 2105.)	Plated.	
82 83	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plated.	Plated. (No. 2105.)	Plated.	
84 85	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plated.	Pearl White. (No. 2129P.)	Plated.	
86 87	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plain Bronze.	Pearl White. (No. 2129P.)	Plated.	
90 91	1¼ to 2 ins. 2⅛ to 3 ins.	Ornamental Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 2107.)	Ornamental Bronze.	
92 93	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 2107.)	Ornamental Bronze.	
94 95	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 2115.)	Plain Bronze.	

***Extra Escutcheon.** Extra charge for the additional escutcheon, (the knob being omitted.) . . . . . } Nos. 80 to 95,

When ordering with **two escutcheons** specify exact thickness of door.

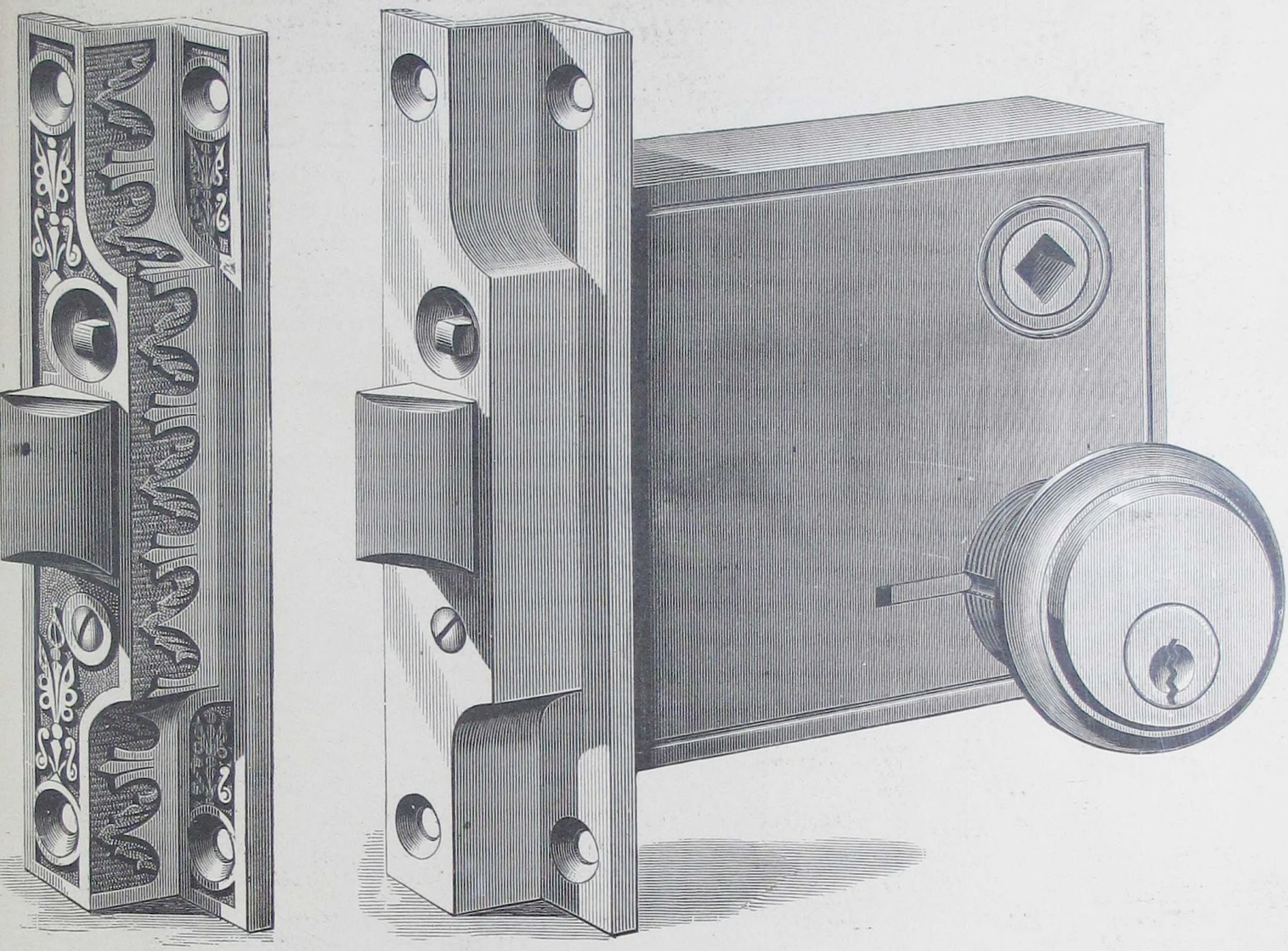
DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

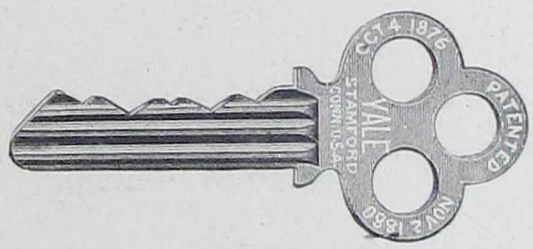
†Knob. Wood or other 1¾ inch mortise latch knobs listed in Bronze Goods Section, may be substituted in place of any of the knobs specified in table.

For Latches of same class for narrow stiles, see Nos. 60N, etc., pages 56 to 59.

For Master and **Extra Keys,** see Key Section.



FRONT
For Nos. 90 and 91 Latches.



No. 6 Key.

Distance from inside edge of door to center of Hub, 3¼ inches.
" " outside " " " Escutcheon, 2¾ inches.
} Rabbet, ½ inch. (See page 17.)

Thickness of Case, ¾ inch.

YALE MORTISE NIGHT LATCHES, Nos. 80 to 95.

[RABBETED.]

YALE

MORTISE

NIGHT LATCHES.

FOR DOORS WITH NARROW STILES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Residences, Offices, Private Rooms, Lodges and Club Rooms.

Adjustable, as packed, to doors from 1¼ inches to 3 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated from the outside by the key only, and on the inside by a 1¾ inch knob. The bolt may be fastened back at will by the spring catch in front.

***Two Escutcheons** can be used with this latch, when specially so ordered, in which case the knob is omitted and the lock operated by key from both sides.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt.

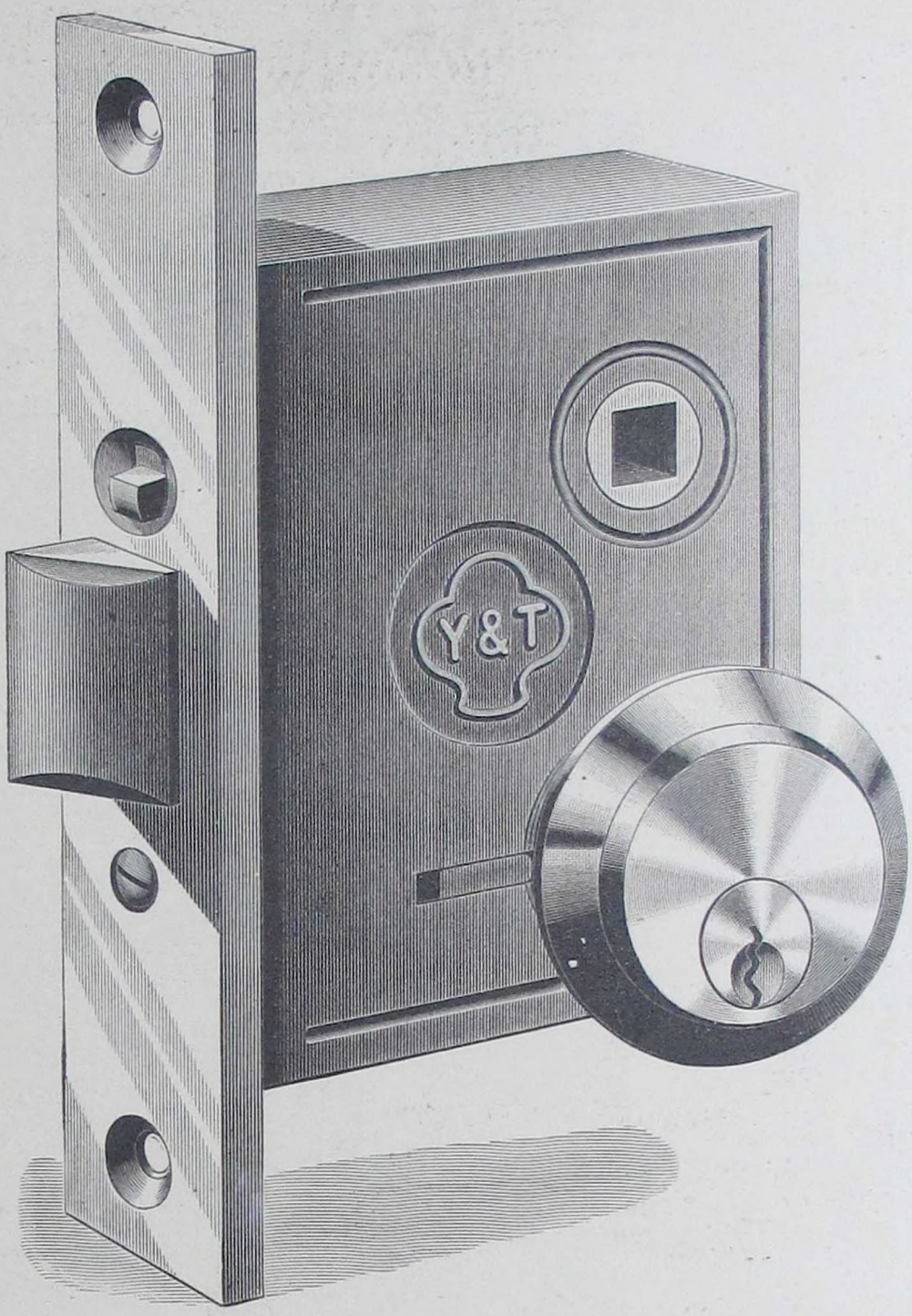
Case, 3½ inches by 2¼ inches.

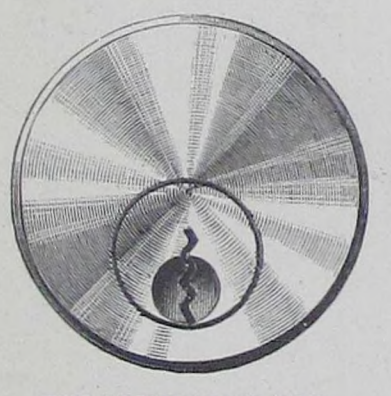
No.	For Doors (Thickness.)	Front.	Escutcheon.	†Knob.	Knob Rose.	Per Dozen.
60N 61N	1¼ to 2 ins. 2⅛ to 3 ins.	Plated.	Plated.	Plated. (No. 2105.)	Plated.	
62N 63N	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plated	Plated. (No. 2105.)	Plated.	
64N 65N	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plated.	Pearl White. (No. 2128.)	Plated.	
66N 67N	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plain Bronze.	Pearl White. (No. 2128.)	Plated.	
70N 71N	1¼ to 2 ins. 2⅛ to 3 ins.	Ornamental Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 2107.)	Ornamental Bronze.	
72N 73N	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 2107.)	Ornamental Bronze.	
74N 75N	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 2119.)	Plain Bronze.	
*Extra Escutcheon. Extra charge for the additional escutcheon, (the knob being omitted.)					Nos. 60N to 75N.	
When ordering with **two escutcheons** specify exact thickness of door.						

†Knob. Wood or other 1¾ inch mortise latch knobs, listed in Bronze Goods Section, may be substituted in place of any of the knobs specified in table.

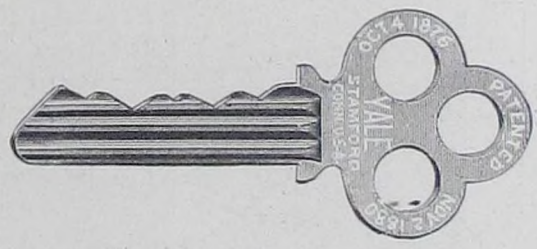
For Latch of same class for wider stiles, see Nos. 60, etc., pages 52 to 55, **and for a heavy Latch of same class,** see Nos. 460, etc., page 60.

For Master and Extra Keys, see Key Section.





ESCUTCHEON
For Nos. 60N to 67N, 74N and 75N.



No. 6 Key.

ESCUTCHEON
For Nos. 70N to 73N.

Distance from edge of door to center of Hub, 2 inches.
" " " " " Escutcheon, 2 inches.

Thickness of Case, ¾ inch.

YALE MORTISE NIGHT LATCHES, Nos. 60N to 75N.

[FOR NARROW STILES.]

YALE
RABBETED
MORTISE NIGHT LATCHES.

FOR DOORS WITH NARROW STILES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Residences, Offices, Private Rooms, Lodges and Club Rooms.

Adjustable, as packed, to doors from 1¼ inches to 3 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated from the outside by the key only, and on the inside by a 1¾ inch knob. The bolt may be fastened back at will by the spring catch in front.

***Two Escutcheons** can be used with this latch, when specially so ordered, in which case the knob is omitted and the lock operated by key from both sides.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Rabbet,** ½ inch. (See page 17.) **Case,** 3½ inches by 3¼ inches.

No.	For Doors (Thickness.)	Front.	Escutcheon.	†Knob.	Knob Rose.	Per Dozen.
80N 81N	1¼ to 2 ins. 2⅛ to 3 ins.	Plated.	Plated.	Plated. (No. 2105.)	Plated	
82N 83N	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plated.	Plated. (No. 2105.)	Plated.	
84N 85N	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plated.	Pearl White. (No. 2129P.)	Plated.	
86N 87N	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plain Bronze.	Pearl White. (No. 2129P.)	Plated.	
90N 91N	1¼ to 2 ins. 2⅛ to 3 ins.	Ornamental Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 2107.)	Ornamental Bronze.	
92N 93N	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 2107.)	Ornamental Bronze.	
94N 95N	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 2115.)	Plain Bronze.	
*Extra Escutcheon. Extra charge for the additional escutcheon, (the knob being omitted.)						Nos. 80N to 95N.
When ordering with **two escutcheons** specify exact thickness of door.						

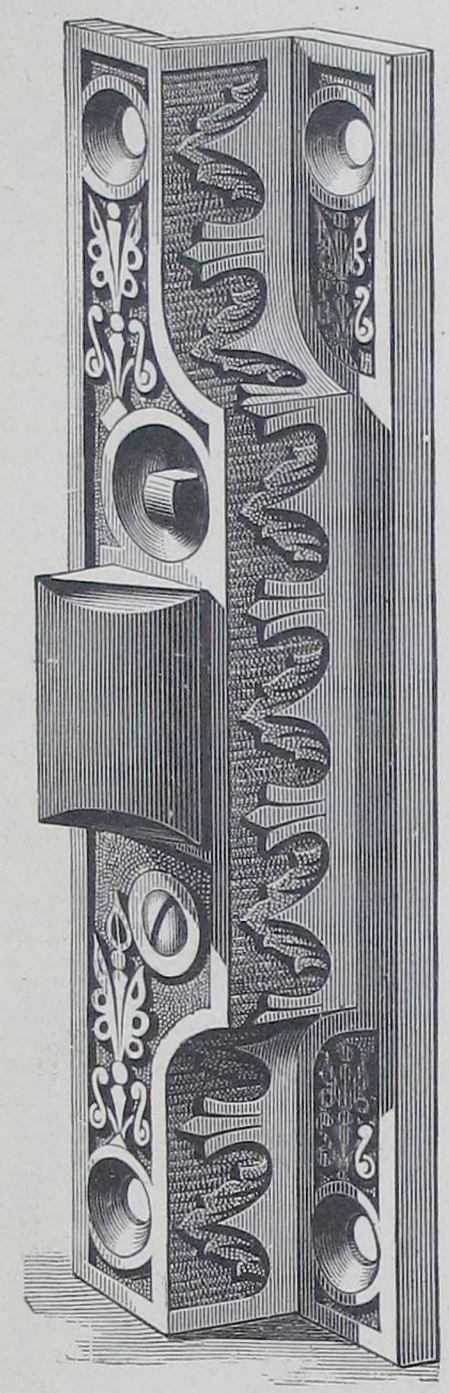
DIRECTIONS FOR ORDERING.

Hand. State whether locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

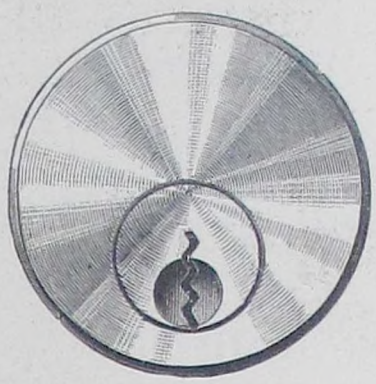
†**Knob.** Wood or other 1¾ inch mortise latch knobs, listed in Bronze Goods Section, may be substituted in place of any of the knobs specified in table.

For Latches of same class for wider stiles, see Nos. 60, etc., pages 52 to 55.

For Master and **Extra Keys,** see Key Section.

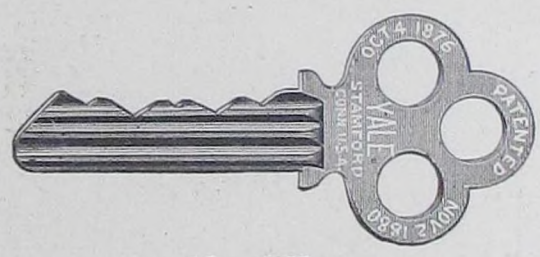


FRONT
For Nos. 90N and 91N Latches.

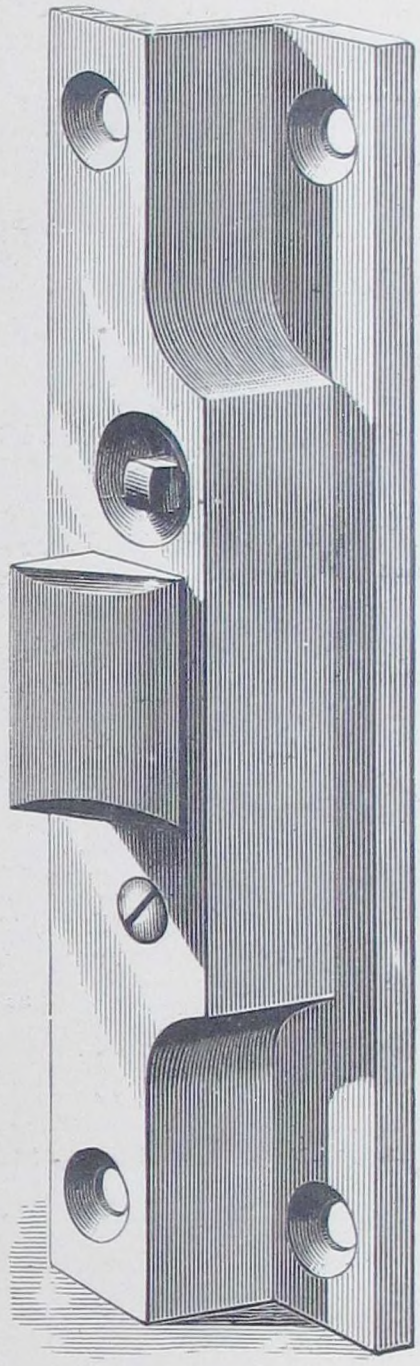


ESCUTCHEON
For Nos. 80N to 87N, 94N and 95N.

ESCUTCHEON
For Nos. 90N to 93N.



No. 6 Key.



FRONT
For Nos. 80N to 87N, and 92N to 95N Latches.

Distance from inside edge of door to center of Hub, 2½ inches.
" " outside " " " Escutcheon, 2 inches.
} Rabbet, ½ inch. (See page 17.)

Thickness of Case, ¾ inch.

YALE MORTISE NIGHT LATCHES, (Rabbeted,) Nos. 80N to 95N.

[FOR NARROW STILES.]

YALE

MORTISE

HEAVY NIGHT LATCHES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Residences, Offices, Private Rooms, Lodges and Club Rooms.

Adjustable, as packed, to doors from 1½ inches to 3¼ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated from the outside by the key only, and on the inside by a 1¾ inch knob, and the bolt may be fastened back at will by the spring catch in front.

***Two Escutcheons** can be used with this latch, when specially so ordered, in which case the knob is omitted and the lock operated by key from both sides.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt.

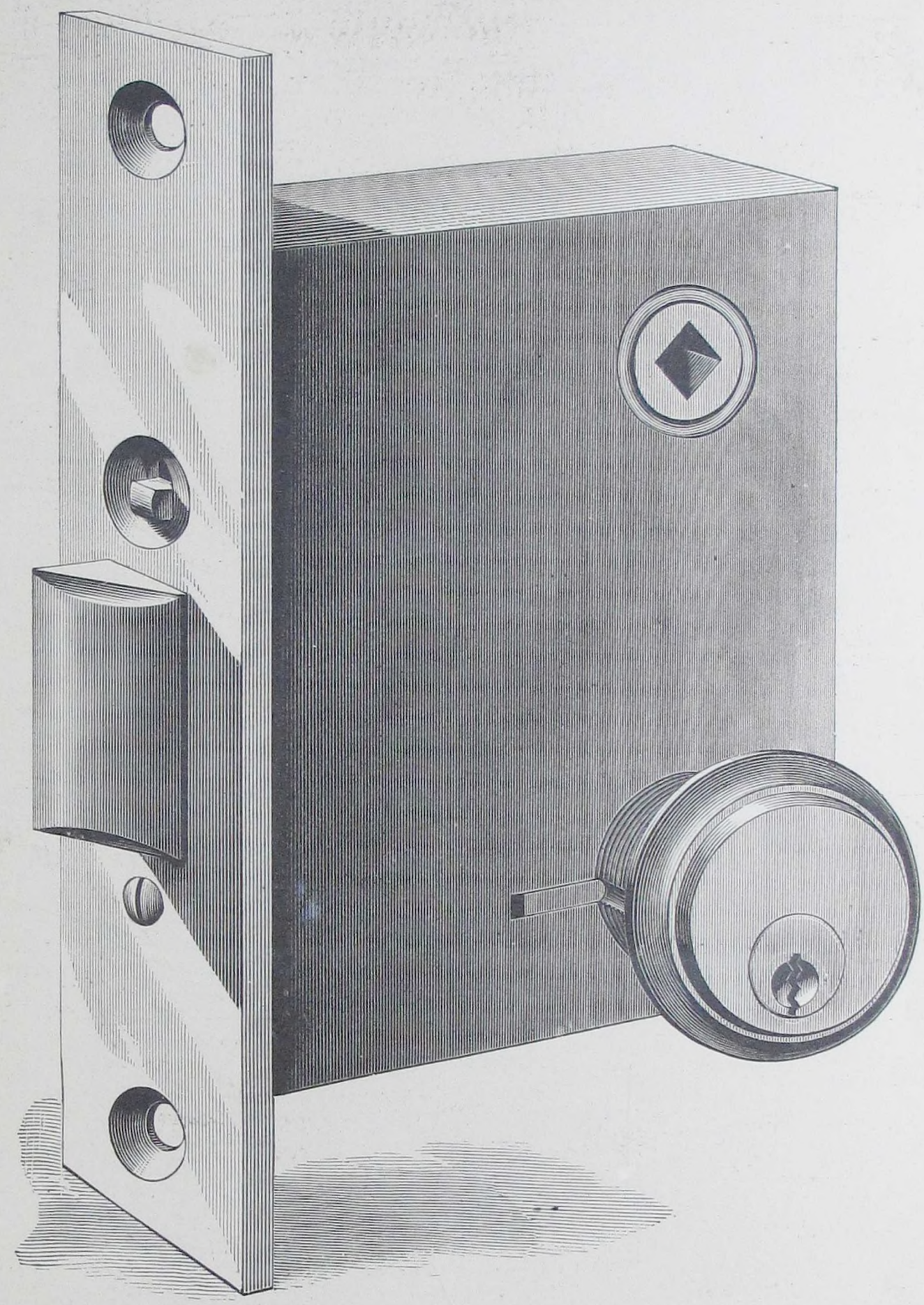
Case, 4¾ inches by 3⅝ inches.

No.	For Doors (Thickness.)	Front.	Escutcheon.	†Knob.	Knob Rose.	Per Dozen.
460 461	1½ to 2¼ ins. 2¼ to 3¼ ins.	Plated.	Plated.	Plated. (No. 2105.)	Plated.	
462 463	1½ to 2¼ ins. 2¼ to 3¼ ins.	Plain Bronze.	Plated.	Plated. (No. 2105.)	Plated.	
464 465	1½ to 2¼ ins. 2¼ to 3¼ ins.	Plain Bronze.	Plated.	Pearl White. (No. 2129P.)	Plated.	
466 467	1½ to 2¼ ins. 2¼ to 3¼ ins.	Plain Bronze.	Plain Bronze.	Pearl White. (No. 2129P.)	Plated.	
474 475	1½ to 2¼ ins. 2¼ to 3¼ ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 2115.)	Plain Bronze.	
*Extra Escutcheon. Extra charge for the additional escutcheon, (the knob being omitted.)					Nos. 460 to 475.	
When ordering with **two escutcheons** specify exact thickness of door.						

†Knob. Wood or other 1¾ inch mortise latch knobs, listed in Bronze Goods Section, may be substituted in place of the porcelain knob.

For lighter Latches of same class, see Nos. 60, etc., pages 52 to 55, and Nos. 60N, etc., pages 56 to 59.

For Master and Extra Keys, see Key Section. **With Guarded Bolts,** see page 64.



Distance from edge of door to center of Hub, . 2¾ inches.

" " " " " Escutcheon, 2¾ inches.

Thickness of Case, 1 inch.

YALE MORTISE NIGHT LATCHES, Nos. 460 to 475.

[HEAVY PATTERN.]

YALE

GUARDED BOLT

MORTISE

NIGHT LATCHES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Asylums, Reform Schools, Banks, etc.

Security. The front of lock is recessed to receive a corresponding projection on face of strike, thus closing the joint between the two and preventing access to bolt by a knife or chisel. The box of strike is also entirely closed.

Adjustable, as packed, to doors from 1¼ to 3 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated as follows, either

Style A,
One side by key,
Other " by 1¾ in. porcelain knob.

Style B,
One side only, } By key.

Style C,
Both sides } By key.

Style D,
One side only, } By escutcheon knob. (See page 66.)

Style E,
Both sides } By escutcheon knobs. (See page 66.)

Style F,
One side, by escutcheon knob.
Other " by 1¾ in. porcelain knob.

Right or **Left** according to order, but **not adjustable** to right and left hand doors, see page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts.

Case, 3¼ inches by 3¾ inches.

No.	For Doors (Thickness.)	Front.	Escutcheon AND Esc'n Knob.	*Knob.	Style A, Each.	Style B, Each.	Style C, Each.	Style D, Each.	Style E, Each.	Style F, Each.
64G 65G	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plated.	Porcelain (No. 2129P.)						
66G 67G	1¼ to 2 ins. 2⅛ to 3 ins.	Plain Bronze.	Plain Bronze.	Porcelain (No. 2129P.)						

DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

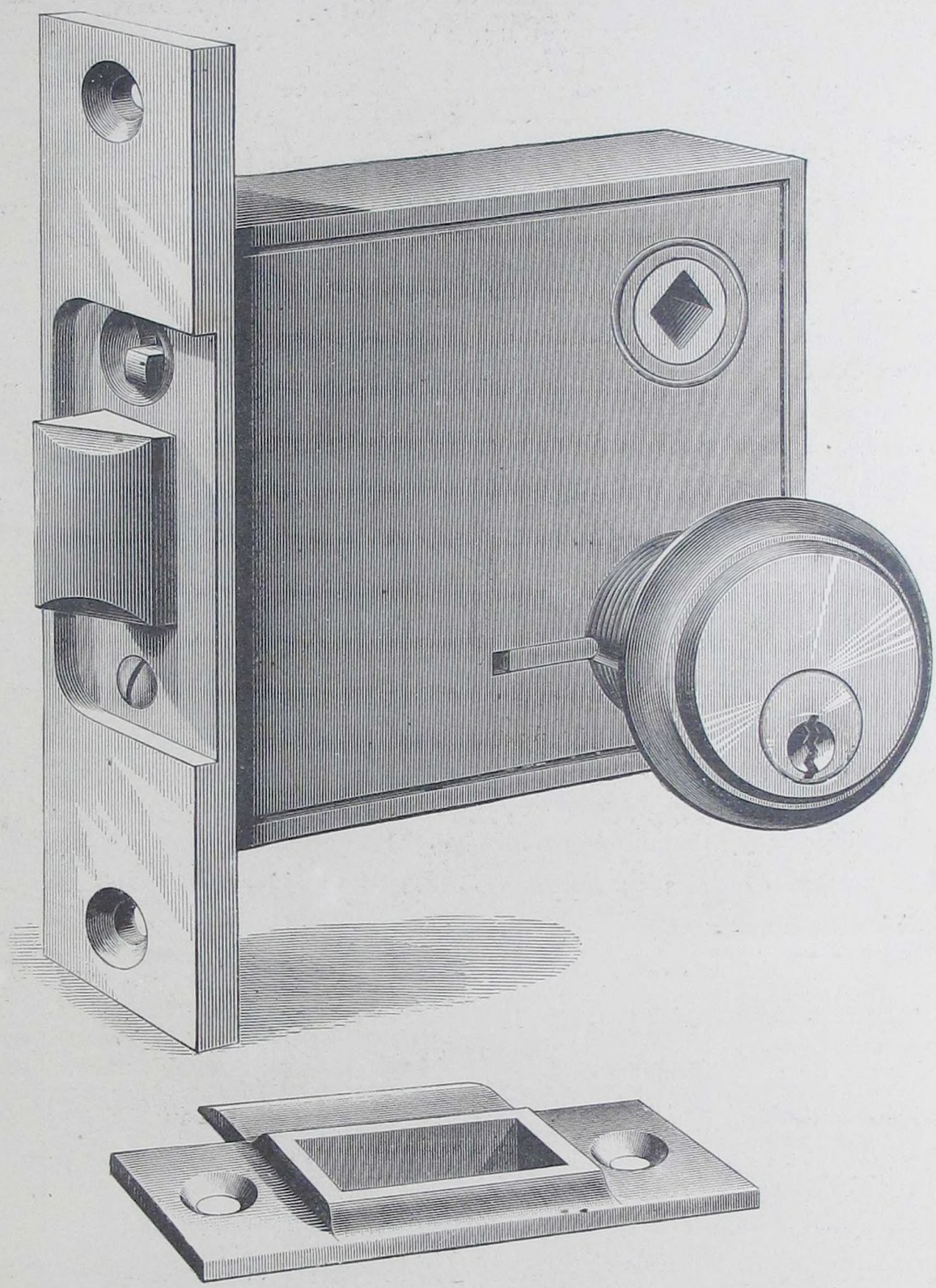
Two Escutcheons and **Escutcheon Knobs.** When ordering Styles C, D, E and F, give exact thickness of door.

***Knob.** Wood or other 1¾ inch mortise latch knobs, listed in Bronze Goods Section, may be substituted in place of the porcelain knob.

For heavier Latches of same class, see Nos. 464G, etc., page 64.

For heavy Brass Pull Knobs, see page 67.

For Master and **Extra Keys,** see Key Section.



Distance from edge of door to center of Hub and Escutcheon, 2⅞ inches.

Thickness of Case, ¾ inch.

YALE GUARDED BOLT MORTISE NIGHT LATCHES, Nos. 64G to 67G.

[FOR SPECIAL SECURITY.]

YALE

GUARDED BOLT

MORTISE

NIGHT LATCHES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Asylums, Reform Schools, Banks, Engine Houses, etc.

Security. The front of lock is recessed to receive a corresponding projection on face of strike, thus closing the joint between the two and preventing access to bolt by a knife or chisel. The box of strike is also entirely closed.

Adjustable, as packed, to doors from 1½ to 3¼ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated as follows, either

Style A,
One side by key,
Other " by 1¾ in. porcelain knob.

Style B,
One side only, } By key.

Style C,
Both sides } By key.

Style D,
One side only, } By escutcheon knob. (See page 66.)

Style E,
Both sides } By escutcheon knobs. (See page 66.)

Style F,
One side, by escutcheon knob.
Other " by 1¾ in. porcelain knob.

Right or **Left** according to order, but **not adjustable** to right and left hand doors, see page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts.

Case, 4¾ inches by 3⅞ inches.

No.	For Doors (Thickness.)	Front.	Escutcheon AND Esc'n Knob.	*Knob.	Style A, Each.	Style B, Each.	Style C, Each.	Style D, Each.	Style E, Each.	Style F, Each.
464G	1½ to 2¼ ins.	Plain Bronze.	Plated.	Porcelain (No. 2129P.)						
465G	2¼ to 3¼ ins.									
466G	1½ to 2¼ ins.	Plain Bronze.	Plain Bronze.	Porcelain (No. 2129P.)						
467G	2¼ to 3¼ ins.									

DIRECTIONS FOR ORDERING.

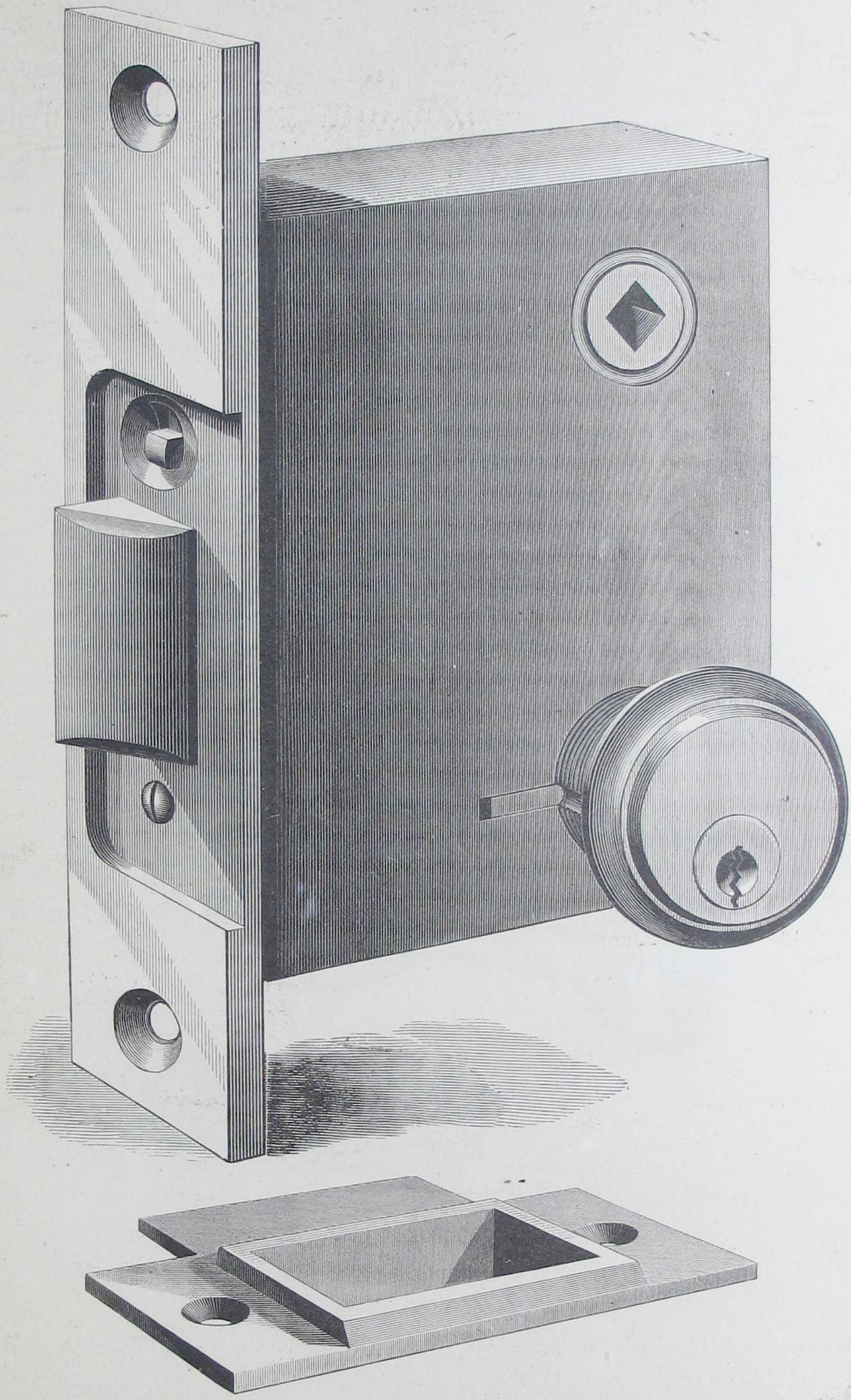
Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

Two Escutcheons and **Escutcheon Knobs.** When ordering Styles C, D, E and F, give exact thickness of door.

***Knob.** Wood or other 1¾ inch mortise latch knobs, listed in Bronze Goods Section, may be substituted in place of the porcelain knob.

For lighter Latches of same class, see Nos. 64G, etc., page 62.

For heavy Brass Pull Knobs, see page 67. **For Master** and **Extra Keys,** see Key Section.



Distance from edge of door to center of Hub and Escutcheon, 2 7/8 inches.
Thickness of Case, 1 inch.

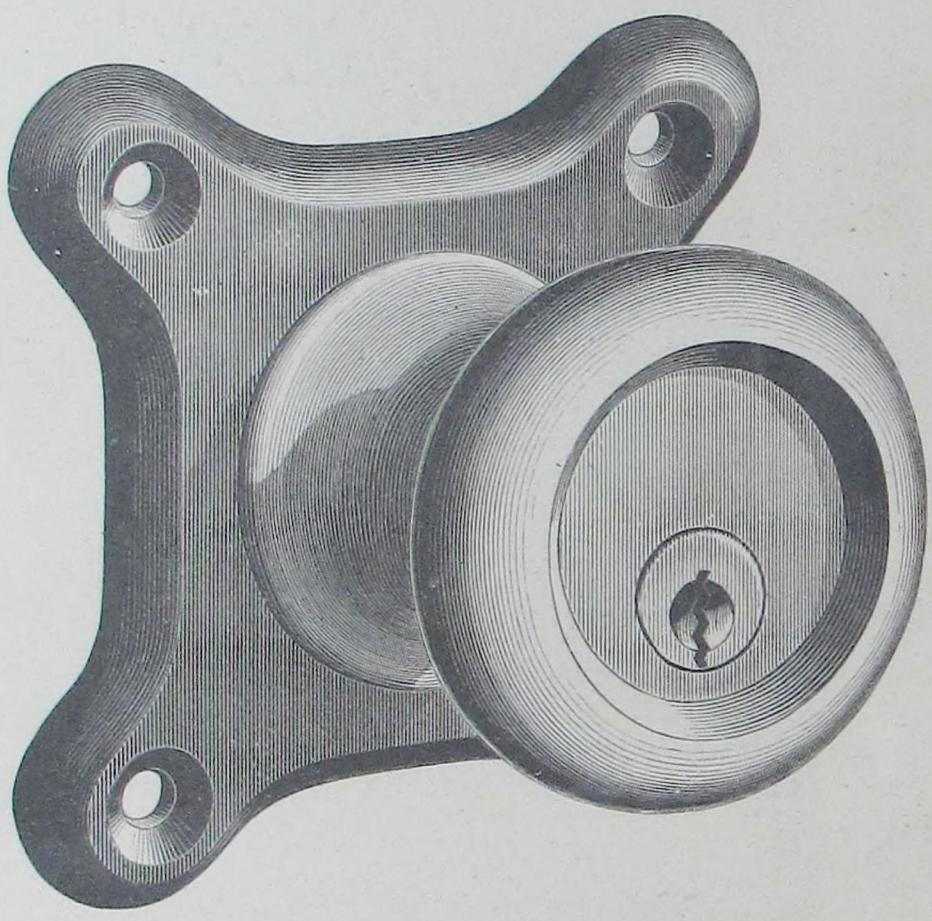
YALE GUARDED BOLT HEAVY MORTISE NIGHT LATCHES,

Nos. 464G to 467G.

[FOR SPECIAL SECURITY.]

YALE

ESCUTCHEON KNOBS.



For Use on doors of **Asylums, Engine Houses, Club Rooms, Etc.**, or wherever the doors are in use at all hours, and require an extra heavy lock.

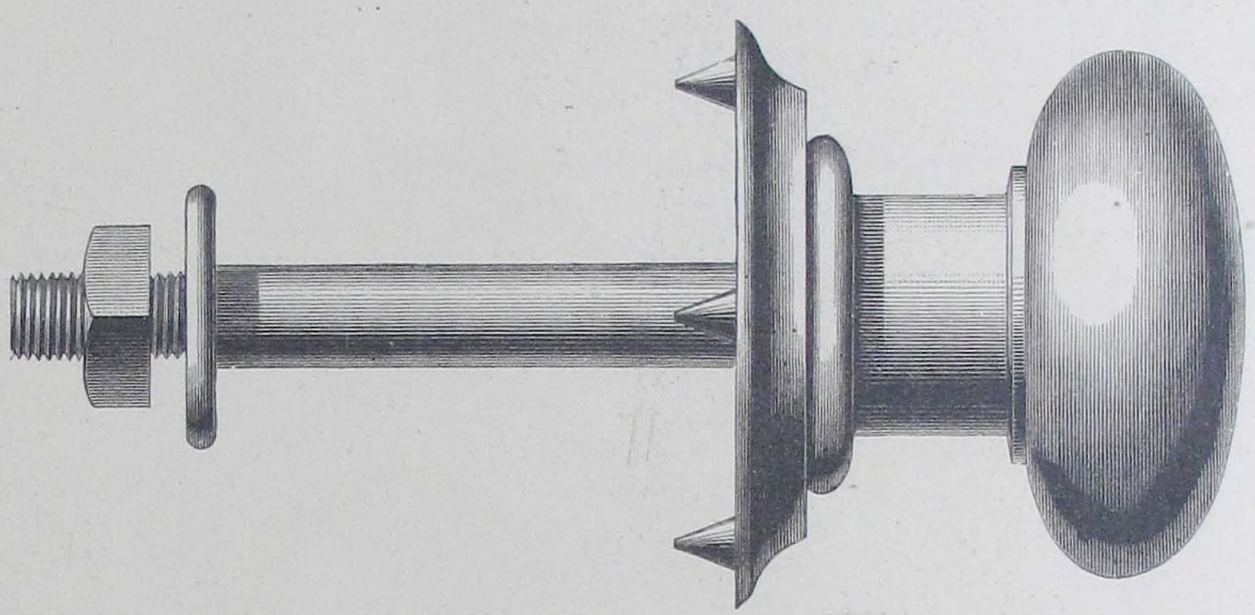
For the Purpose of furnishing a knob with which to close the door, and of enabling the key-hole (which is in the center of the knob) to be readily found.

For Locks arranged with Escutcheon Knobs, see Nos. 64G, etc., page 62, and Nos. 464G, etc., page 64.

HEAVY
BRASS PULL KNOBS,

(Not for use with Locks.)

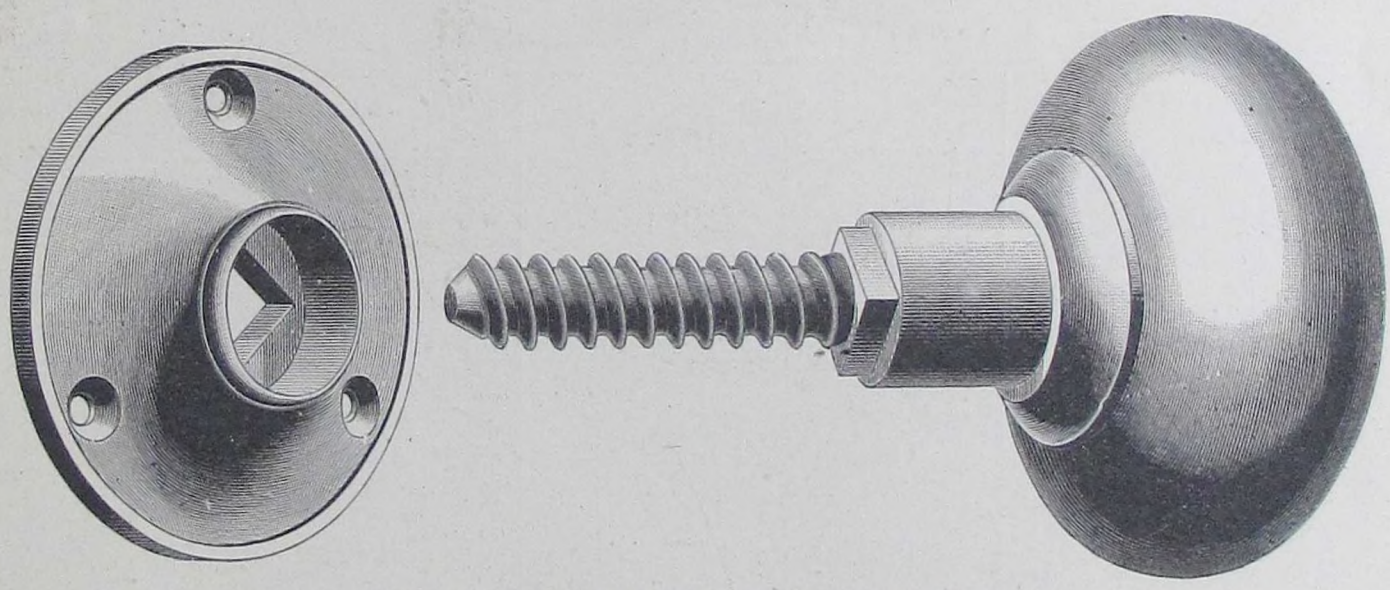
For Use on doors of Asylums, Engine Houses, etc., and other places where the knobs may be exposed to violence or required to be used in closing doors against resistance.



WITH SPINDLE AND NUT.

Applied and Attached to the door, as regards single knobs, by a bolt passing nearly through and secured by a nut and washer let in from behind and covered with wood to conceal its location.

Pairs. Can be furnished also with a knob on each end of the spindle.



WITH SCREW AND SQUARE SHANK.

Applied and Attached to the door by turning the screw into the wood and then screwing fast the rose to the door. The square portion of the shank fitting into the square hole through the rose prevents the knob from turning and becoming loose.

For Locks for Asylum doors, see pages 62 to 65.

YALE

MORTISE DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Factories, Banks, Public Buildings, etc.

Adjustable, as packed, to doors from 2 inches to 3¾ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated by the key from **both sides of the door.**

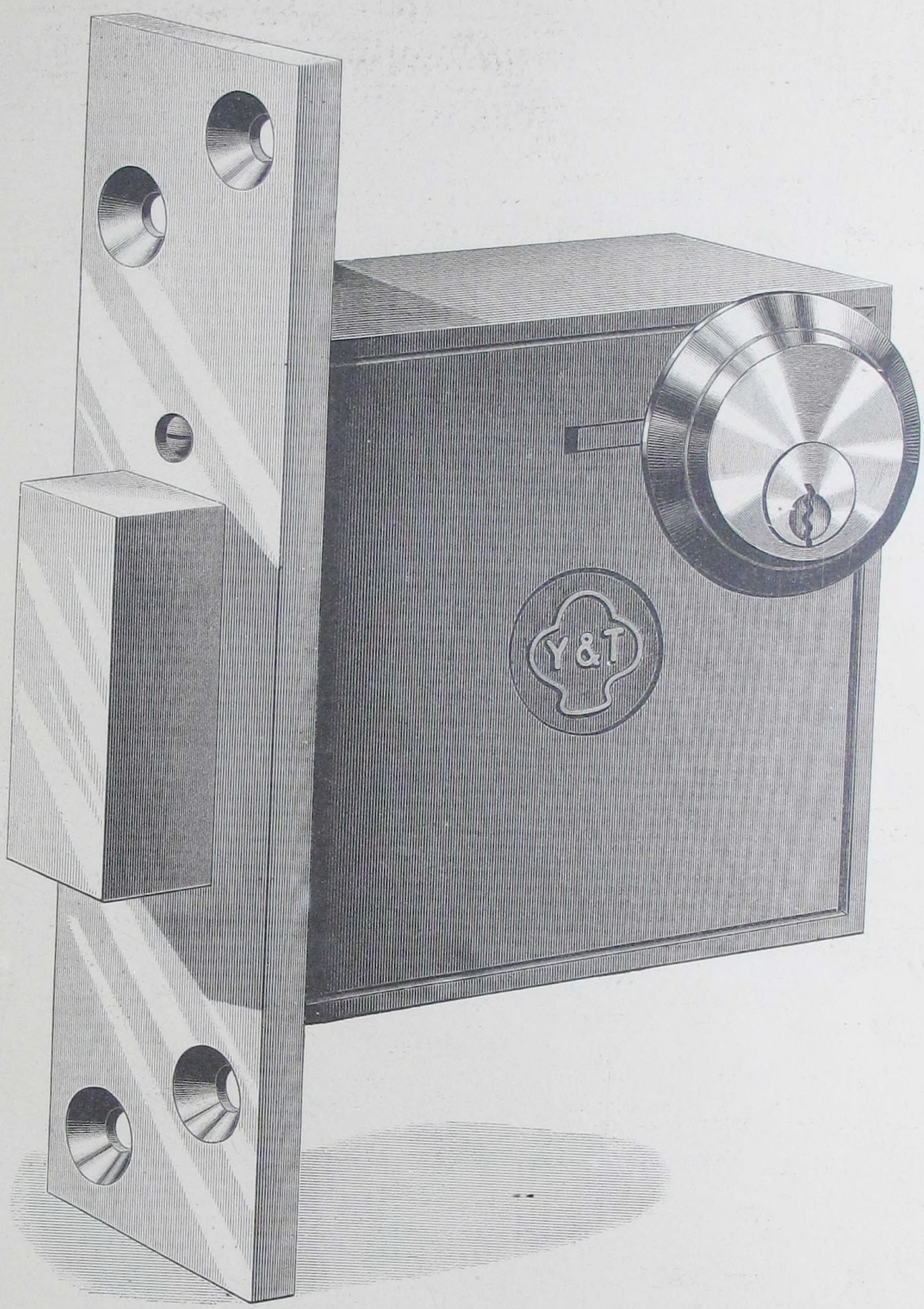
Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 4 inches by 3⅞ inches.

No.	For Doors (Thickness.)	Front.	Escutcheons.	Per Dozen.
306	2 to 2¾ inches.	Plated.	Plated.	
307	3 to 3¾ inches.			
308	2 to 2¾ inches.	Plain Bronze.	Plated.	
309	3 to 3¾ inches.			
316	2 to 2¾ inches.	Ornamental Bronze.	Ornamental Bronze.	
317	3 to 3¾ inches.			
318	2 to 2¾ inches.	Plain Bronze.	Plain Bronze.	
319	3 to 3¾ inches.			

For lighter Locks of same class, see Nos. 300, etc., pages 70 to 73, Nos. 340, etc., pages 74 to 77, and Nos. 340N, etc., pages 78 to 81.



Distance from edge of door to center of Escutcheons, 2¾ inches.

Thickness of Case, 1¼ inches.

YALE MORTISE DEAD LOCKS, Nos. 306 to 319.

YALE

MORTISE DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Factories, Banks, Public Buildings, etc.

Adjustable, as packed, to doors from 1½ inches to 4 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated by the key from **both sides of the door.**

Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 4⅜ inches by 3⅝ inches.

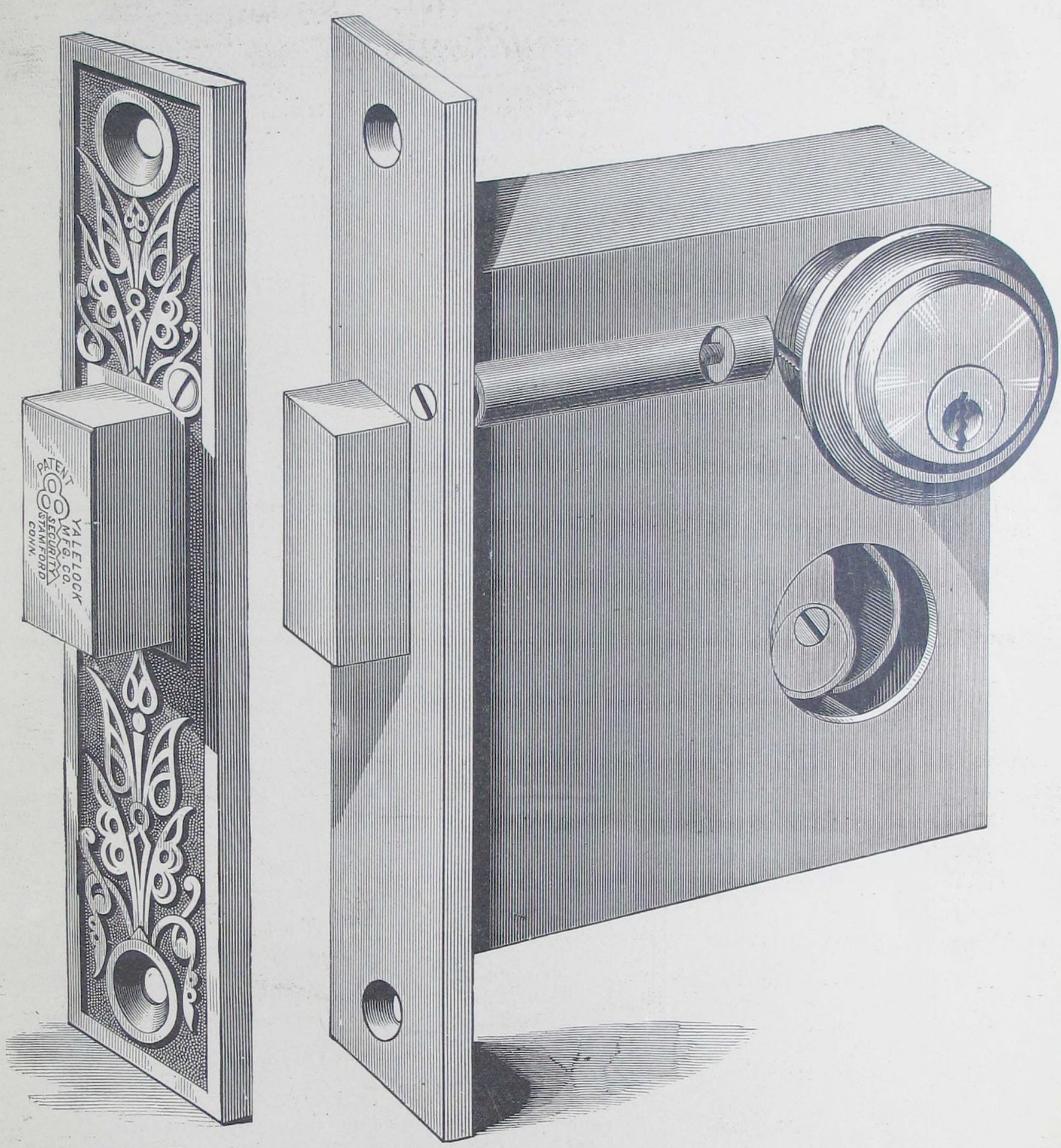
No.	For Doors (Thickness.)	Front.	Escutcheon.	Per Dozen.
300	1½ to 2⅜ inches.	Plated.	Plated.	
301	2⅜ to 4 inches.			
302	1½ to 2⅜ inches.	Plain Bronze.	Plated.	
303	2⅜ to 4 inches.			
304	1½ to 2⅜ inches.	Plain Bronze.	Plain Bronze.	
305	2⅜ to 4 inches.			
310	1½ to 2⅜ inches.	Ornamental Bronze.	Ornamental Bronze.	
311	2⅜ to 4 inches.			
312	1½ to 2⅜ inches.	Plain Bronze.	Ornamental Bronze.	
313	2⅜ to 4 inches.			

Sliding Door Locks of same size and operated in the same way, see Nos. 300s, etc., page 82.

For lighter Locks of same class, see Nos. 340, etc., pages 74 to 77, and Nos. 340N, etc., pages 78 to 81.

" **heavier** " " " " see Nos. 306, etc., page 68.

For Master and **Extra Keys,** see Key Section.



FRONT

For Nos. 310 and 311 Locks.

Distance from edge of door to center of Escutcheon, 2¾ inches,
Thickness of Case, 1⅛ inches.

YALE MORTISE DEAD LOCKS, Nos. 300 to 313.

YALE

RABBETED

MORTISE DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Factories, Banks, Public Buildings, etc.

Adjustable, as packed, to doors from 1½ inches to 4 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated by the key from **both sides of the door.**

Right or **Left,** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 Keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Rabbet,** ½ inch. (See page 17.) **Case,** 4⅜ inches by 4¼ inches.

No.	For Doors (Thickness.)	Front.	Escutcheons.	Per Dozen.
320	1½ to 2⅜ inches.	Plated.	Plated.	
321	2⅜ to 4 inches.			
322	1½ to 2⅜ inches.	Plain Bronze.	Plated.	
323	2⅜ to 4 inches.			
324	1½ to 2⅜ inches.	Plain Bronze.	Plain Bronze.	
325	2⅜ to 4 inches.			
330	1½ to 2⅜ inches.	Ornamental Bronze.	Ornamental Bronze.	
331	2⅜ to 4 inches.			
332	1½ to 2⅜ inches.	Plain Bronze.	Ornamental Bronze.	
333	2⅜ to 4 inches.			

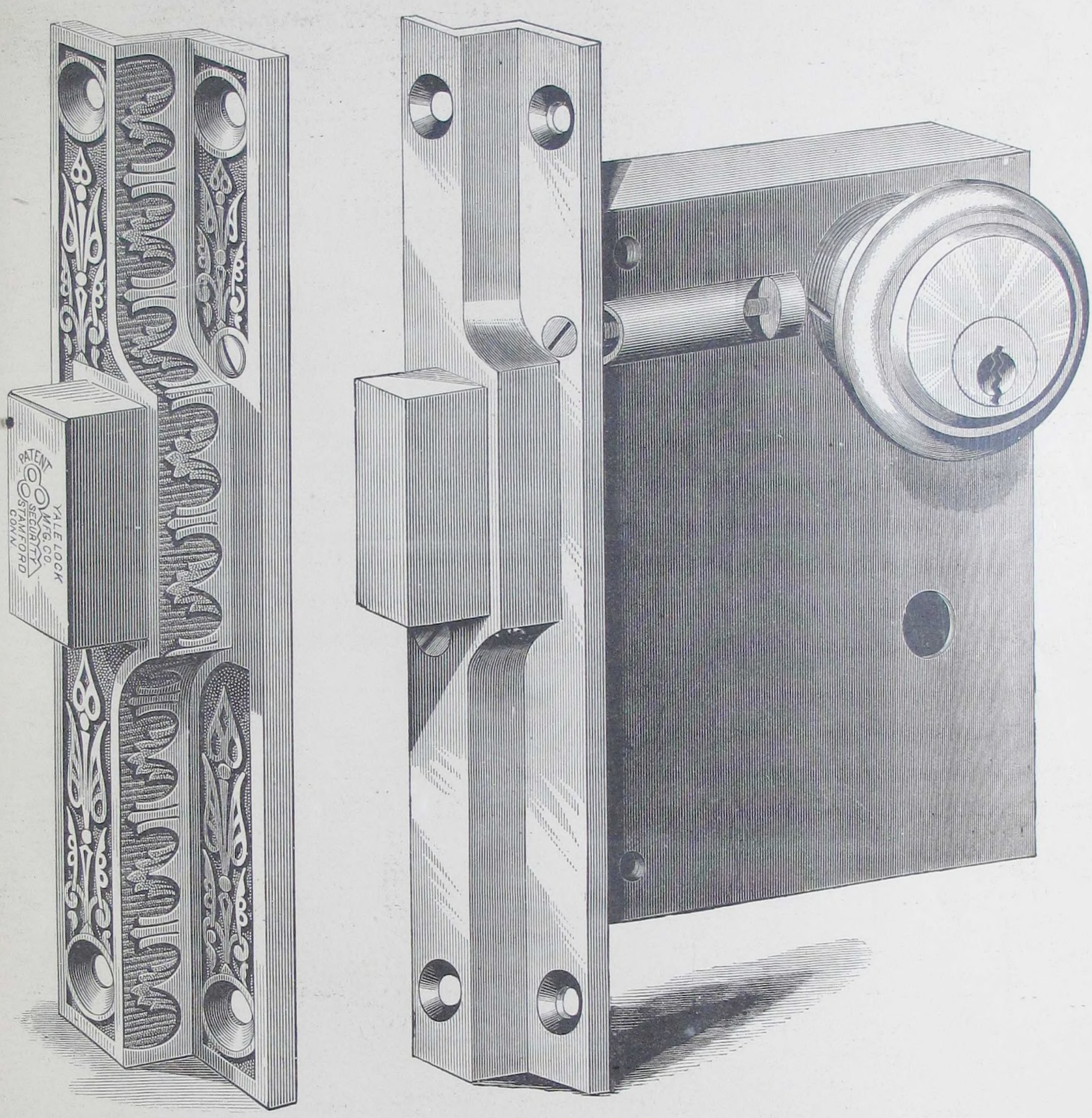
DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For lighter Locks of same class, see Nos. 340, etc., pages 74 to 77, and Nos. 340N, etc., pages 78 to 81.

" **heavier** " " " " see Nos. 306, etc., page 68.

For Master and **Extra Keys,** see Key Section.



FRONT

For Nos. 330 and 331 Locks.

Distance from edge of door to center of Escutcheons, { One side, 2¾ inches. / Other side, 3¼ inches. } Rabbet, ½ inch. (See page 17.)

Thickness of Case, 1⅛ inches.

YALE MORTISE DEAD LOCKS, Nos. 320 to 333.

[RABBETED.]

YALE

MORTISE DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on Closet, Store Room, Hospital, Reform School, Asylum and other doors requiring to be used from one side only.

Adjustable, as packed, to doors from 1¼ inches to 3 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated by key from **one side only,** as the lock is packed with but one escutcheon.

***Two Escutcheons** can be used with this lock, when specially so ordered, in which case the lock is operated by key from both sides.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 2⅜ inches by 3⅝ inches.

No.	For Doors (Thickness)	Front.	Escutcheon.	Per Dozen.
340 341	1¼ to 2 inches. 2⅛ to 3 inches.	Plated.	Plated.	
342 343	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Plated.	
344 345	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Plain Bronze.	
350 351	1¼ to 2 inches. 2⅛ to 3 inches.	Ornamental Bronze.	Ornamental Bronze.	
352 353	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Ornamental Bronze.	

***Two Escutcheons.** Extra charge for the additional escutcheon, . . . } Nos. 340 to 343,

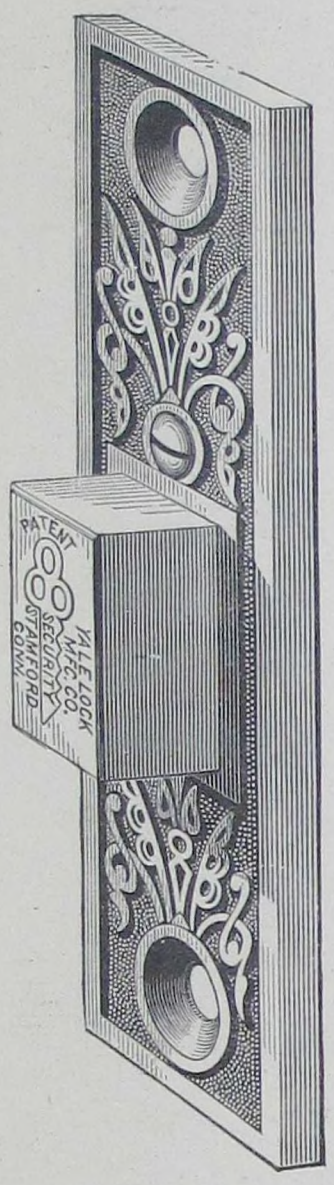
When ordering with **two escutcheons** specify exact thickness of door, . } Nos. 344 to 353,

Sliding Door Locks of same size and operated in the same way, see Nos. 300S, etc., page 82, and Nos. 340S, etc., page 84.

For narrower Locks of same class, see Nos. 340N, etc., page 78.

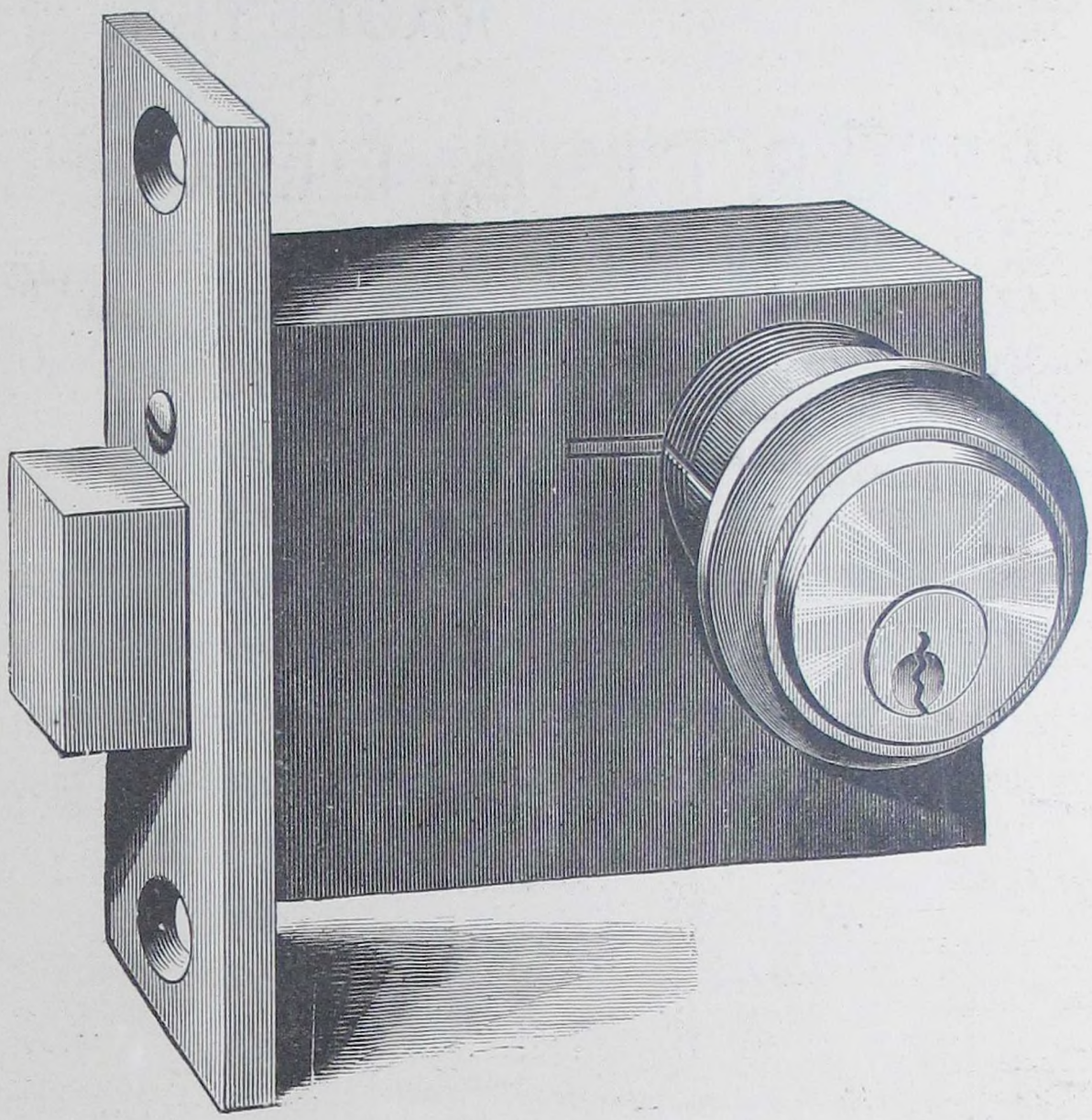
" **heavier** " " " " see Nos. 306, etc., page 68, and Nos. 300, etc., pages 70 to 73.

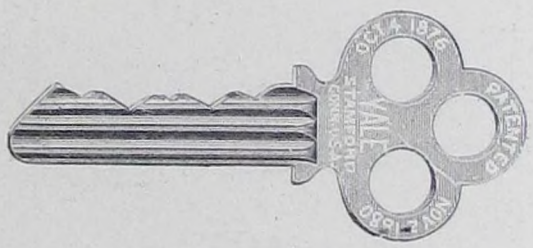
For Master and **Extra Keys,** see Key Section.



FRONT

For Nos. 350 and 351 Locks.





No. 6 Key.

Distance from edge of door to center of Escutcheon, 2¾ inches.

Thickness of Case, ¾ inch.

YALE MORTISE DEAD LOCKS, Nos. 340 to 353.

YALE

RABBETED

MORTISE DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on Closet, Store Room, Hospital, Reform School, Asylum and other doors requiring to be used from one side only.

Adjustable, as packed, to doors from 1¼ inches to 3 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated by the key from **one side only,** as the lock is packed with but one escutcheon.

*Two Escutcheons can be used with this lock, when specially so ordered, in which case the lock is operated by key from both sides.

Right or Left according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. Rabbet, ½ inch. (See page 17.) Case, 2⅜ inches by 4⅛ inches.

No.	For Doors (Thickness.)	Front.	Escutcheon.	Per Dozen.
360 361	1¼ to 2 inches. 2⅛ to 3 inches.	Plated.	Plated.	
362 363	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Plated.	
364 365	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Plain Bronze.	
370 371	1¼ to 2 inches. 2⅛ to 3 inches.	Ornamental Bronze.	Ornamental Bronze.	
372 373	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Ornamental Bronze.	
*Two Escutcheons. Extra charge for the additional escutcheon, . .			Nos. 360 to 365.	
When ordering with **two escutcheons** specify exact thickness of door, .			Nos. 364 to 373.	

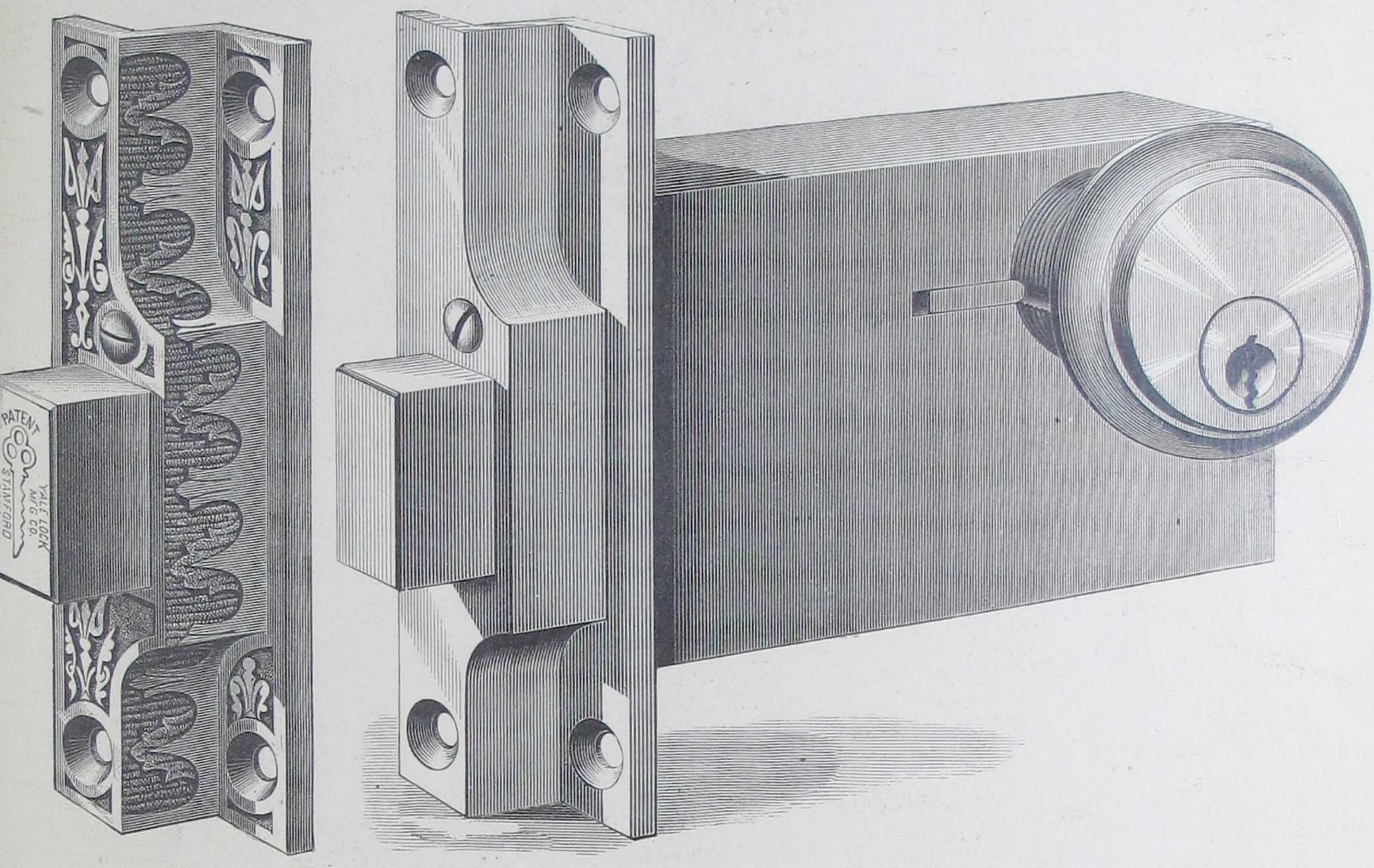
DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For heavier Locks of same class, see Nos. 306, etc., page 68, and Nos. 300, etc., pages 70 to 73.

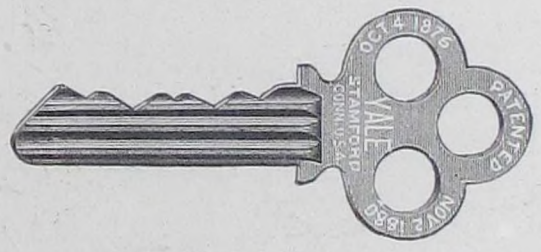
" narrower " " " " see Nos. 340N, etc., pages 78 to 81.

For Master and **Extra Keys,** see Key Section.



FRONT

For Nos. 370 and 371 Locks.



No. 6 Key.

Distance from edge of door to center of Escutcheons, { One side, 2¾ inches. / Other side, 3¼ inches. } Rabbet, ½ inch (See page 17.)

Thickness of Case, ¾ inch.

YALE MORTISE DEAD LOCKS, Nos. 360 to 373.

[RABBETED.]

YALE

MORTISE DEAD LOCKS.

FOR DOORS WITH NARROW STILES.

WITH NEW CORRUGATED KEYS.

For Use on Closet, Store Room, Hospital, Reform School, Asylum and other doors requiring to be used from one side only.

Adjustable, as packed, to doors from 1¼ inches to 3 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated by key from **one side only,** as the lock is packed with but one escutcheon.

***Two Escutcheons** can be used with this lock, when specially so ordered, in which case the lock is operated by key from both sides.

Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

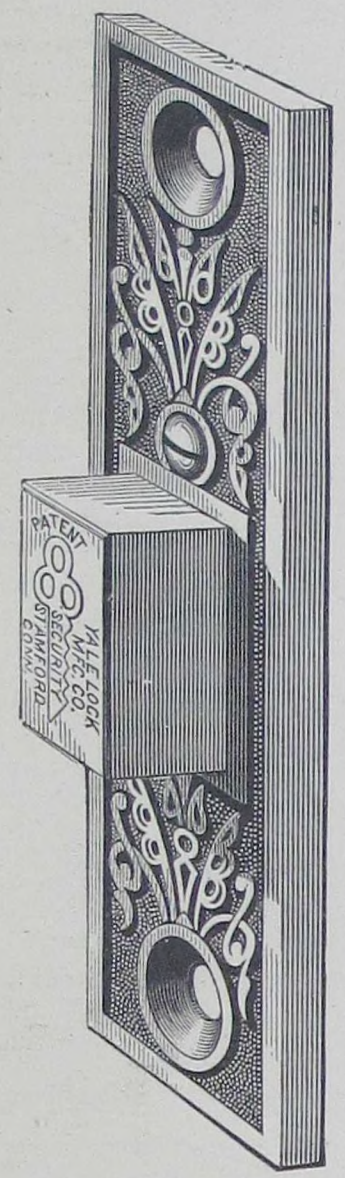
Heavy Bronze Bolt. **Case,** 2⅜ inches by 3⅛ inches.

No.	For Doors (Thickness.)	Front.	Escutcheon.	Per Dozen.
340N 341N	1¼ to 2 inches. 2⅛ to 3 inches.	Plated.	Plated.	
342N 343N	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Plated.	
344N 345N	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Plain Bronze.	
350N 351N	1¼ to 2 inches. 2⅛ to 3 inches.	Ornamental Bronze.	Ornamental Bronze.	
352N 353N	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Ornamental Bronze.	
*Extra Escutcheon. Extra charge for the additional escutcheon, . . .			Nos. 340N to 343N,	
When ordering with **two escutcheons** specify exact thickness of door, .			Nos. 344N to 353N,	

Sliding Door Locks operated in the same way, see Nos. 300s, etc., and Nos. 340s, etc., pages 82 to 85.

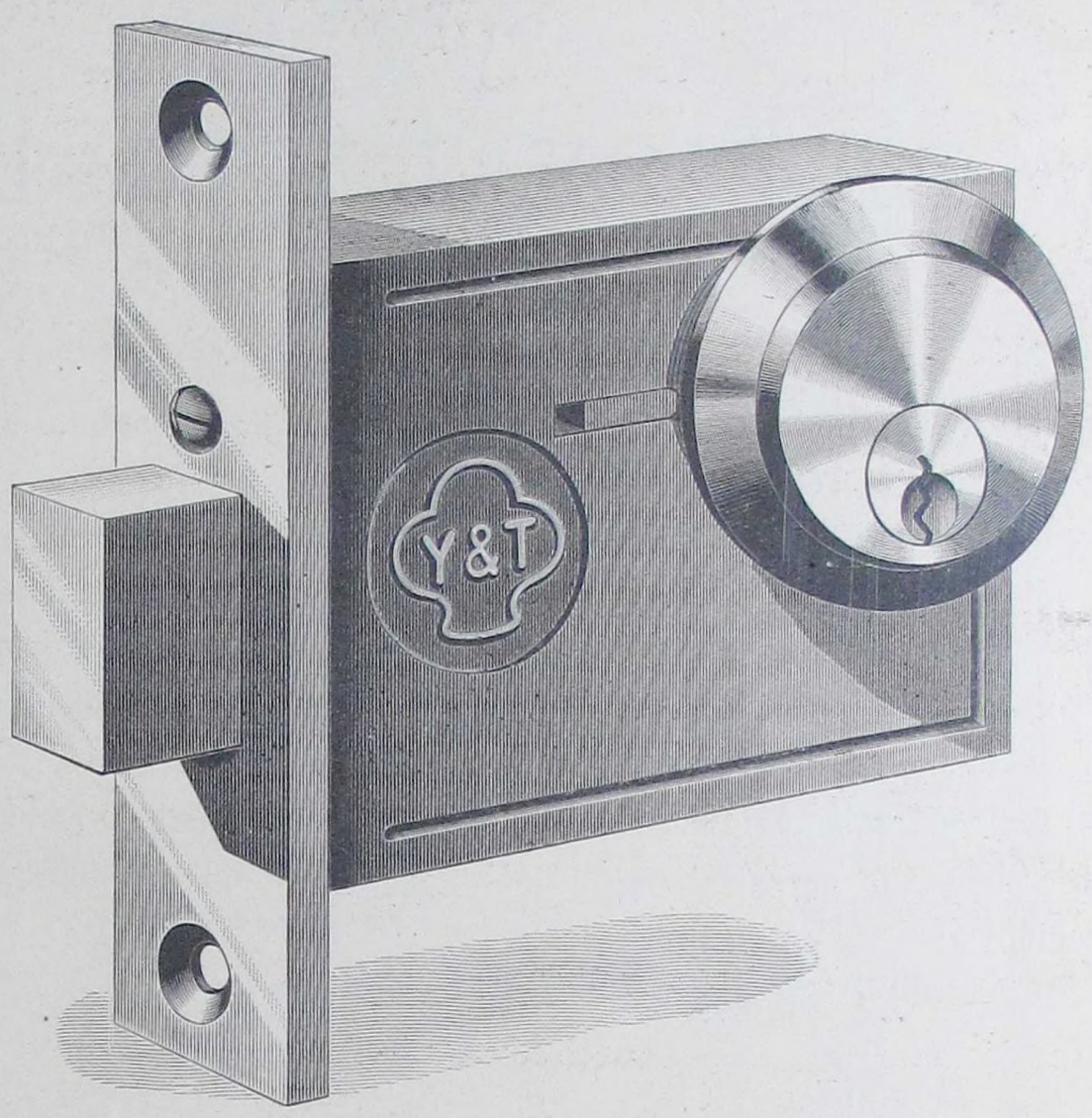
For heavier Locks of same class, see Nos. 306, etc., page 68, Nos. 300, etc., pages 70 to 73, and Nos. 340, etc., pages 74 to 77.

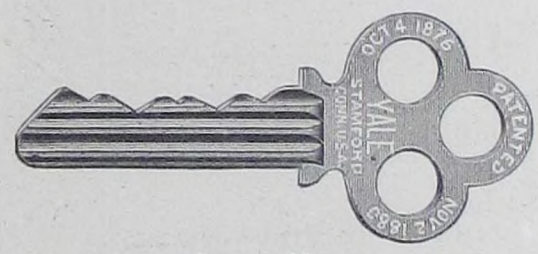
For Master and **Extra Keys,** see Key Section.



FRONT

For Nos. 350N and 351N Locks.





No. 6 Key.

Distance from edge of door to center of Escutcheon, 2¼ inches.

Thickness of Case, ¾ inch.

YALE MORTISE DEAD LOCKS, Nos. 340N to 353N.

YALE

RABBETED

MORTISE DEAD LOCKS.

FOR DOORS WITH NARROW STILES.

WITH NEW CORRUGATED KEYS.

For Use on Closet, Store Room, Hospital, Reform School, Asylum and other doors requiring to be used from one side only.

Adjustable, as packed, to doors from 1¼ inches to 3 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated by the key from **one side only,** as the lock is packed with but one escutcheon.

***Two Escutcheons** can be used with this lock, when specially so ordered, in which case the lock is operated by key from both sides.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Rabbet,** ½ inch. (See page 17.) **Case,** 2⅜ inches by 3⅝ inches.

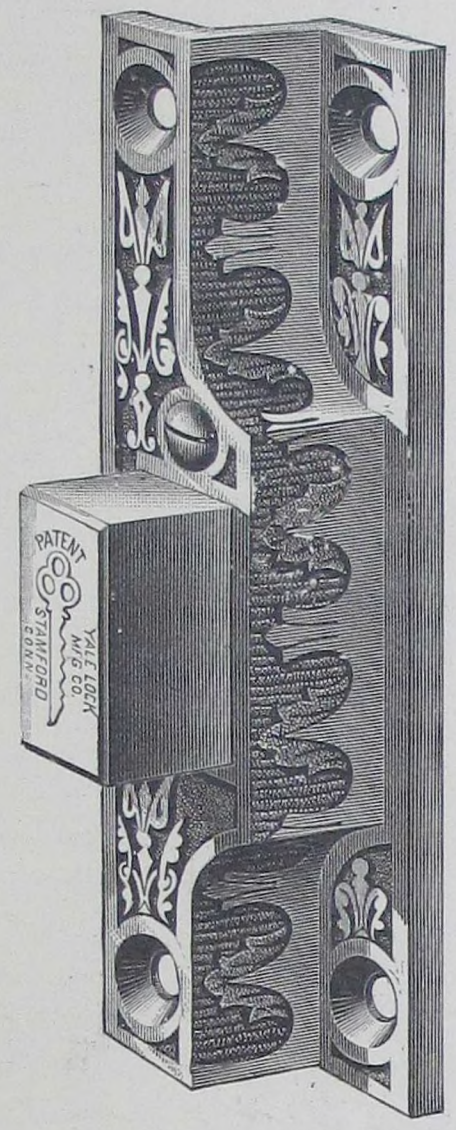
No.	For Doors (Thickness.)	Front.	Escutcheon.	Per Dozen.
360N 361N	1¼ to 2 inches. 2⅛ to 3 inches.	Plated.	Plated.	
362N 363N	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Plated.	
364N 365N	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Plain Bronze.	
370N 371N	1¼ to 2 inches. 2⅛ to 3 inches.	Ornamental Bronze.	Ornamental Bronze.	
372N 373N	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Ornamental Bronze.	
*Extra Escutcheon. Extra charge for the additional escutcheon, . . .			Nos. 360N to 363N,	
When ordering with **two escutcheons** specify exact thickness of door, .			Nos. 364N to 373N,	

DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

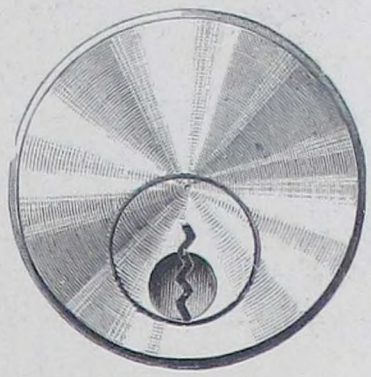
For heavier Locks of same class, see Nos. 306, etc., page 68, Nos. 300, etc., pages 70 to 73, and Nos. 340, etc., pages 74 to 77.

For Master and **Extra Keys,** see Key Section.



FRONT

For Nos. 370N and 371N Locks.

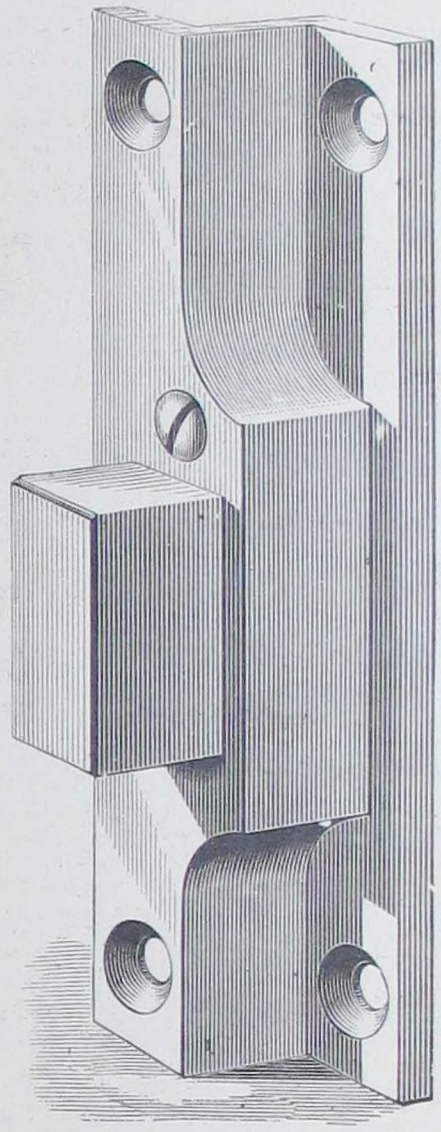


ESCUTCHEON

For Nos. 360N to 365N.

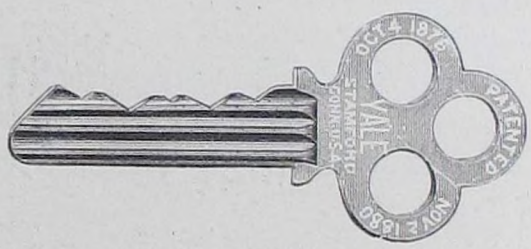
ESCUTCHEON

For Nos. 370N to 373N Locks.



FRONT

For Nos. 360N to 365N,
372N and 373N Locks



No. 6 Key.

Distance from edge of door to center of Escutcheons, { One side, 2¼ inches. / Other side, 2¾ inches. } Rabbet, ½ inch. (See page 17.)

Thickness of Case, ¾ inch.

YALE MORTISE DEAD LOCKS, (Rabbeted,) Nos. 360N to 373N.

[FOR NARROW STILES.]

YALE

MORTISE

SLIDING DOOR DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores, Factories, Banks, Public Buildings, etc.

Adjustable, as packed, to doors from 1½ inches to 4 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated by the key from **both sides of the door.**

Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 4⅜ inches by 3⅝ inches.

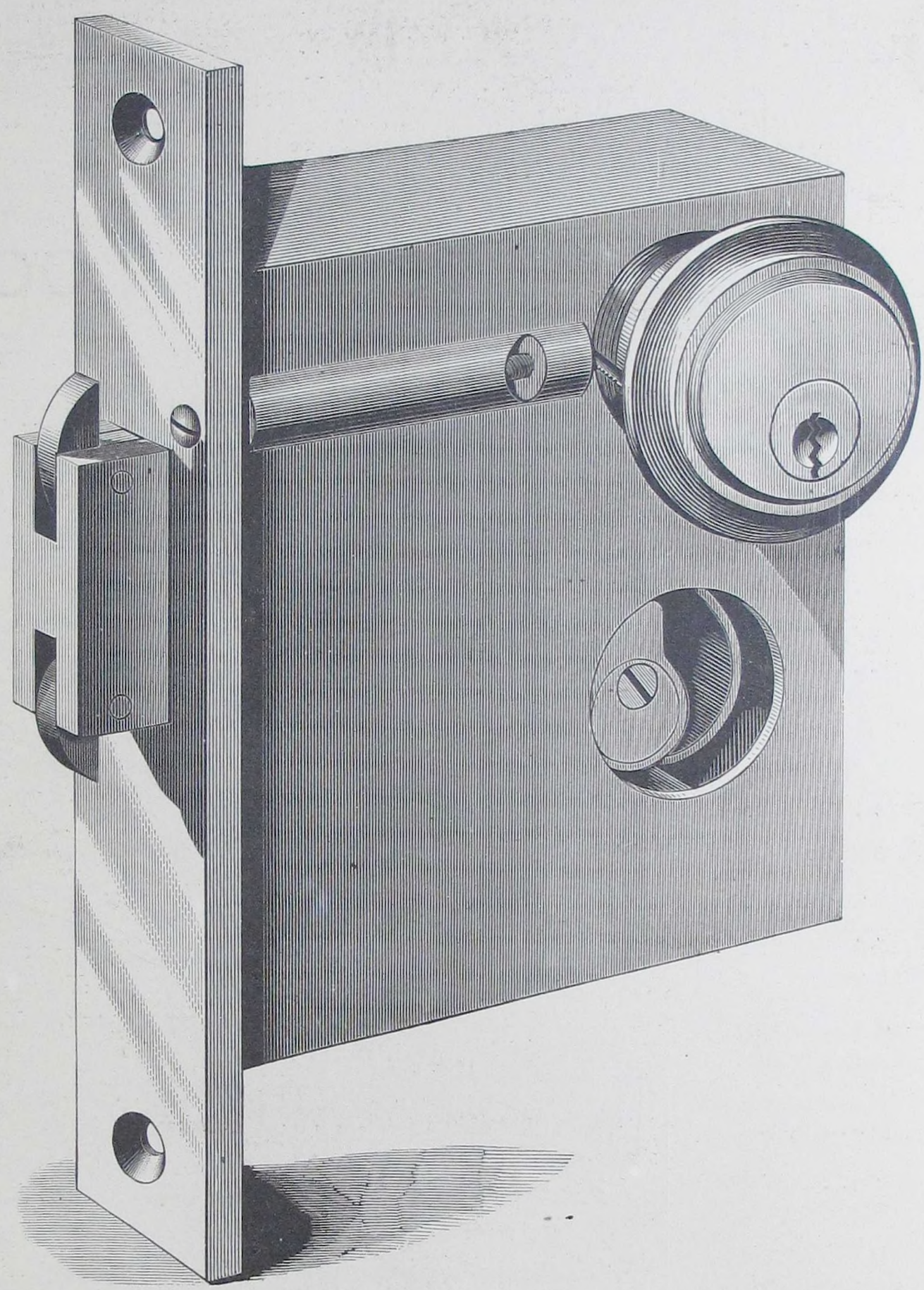
No.	For Doors (Thickness.)	Front.	Escutcheons.	Per Dozen.
300S 301S	1½ to 2⅜ inches. 2⅜ to 4 inches.	Plated.	Plated.	
302S 303S	1½ to 2⅜ inches, 2⅜ to 4 inches.	Plain Bronze.	Plated.	
304S 305S	1½ to 2⅜ inches. 2⅜ to 4 inches.	Plain Bronze.	Plain Bronze.	
310S 311S	1½ to 2⅜ inches. 2⅜ to 4 inches.	Ornamental Bronze.	Ornamental Bronze.	

For heavier Sliding Door locks, see Nos. 260S, etc., page 88, Nos. 220S, etc., page 90, and No. 400S, page 86.

" **lighter** " " " see Nos. 340S, etc., page 84.

For Sliding Door Stops, see Bronze Goods Section.

For Master and **Extra Keys,** see Key Section.



Distance from edge of door to center of Escutcheons, 2¾ inches.

Thickness of Case, 1⅛ inches.

YALE MORTISE SLIDING DOOR DEAD LOCKS, Nos. 300S to 311S.

YALE

MORTISE

SLIDING DOOR DEAD LOCKS.

WITH NEW CORRUGATED KEYS.

For Use on Closet, Store Room, Hospital, Reform School, Asylum and other doors.

Adjustable, as packed, to doors from 1¼ inches to 3 inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated by key from **one side only,** as the lock is packed with but one escutcheon.

***Two Escutcheons** can be used with this lock, when specially so ordered, in which case the lock is operated by key from both sides.

Right and **Left.** Can be adjusted at will both to right and left hand doors.

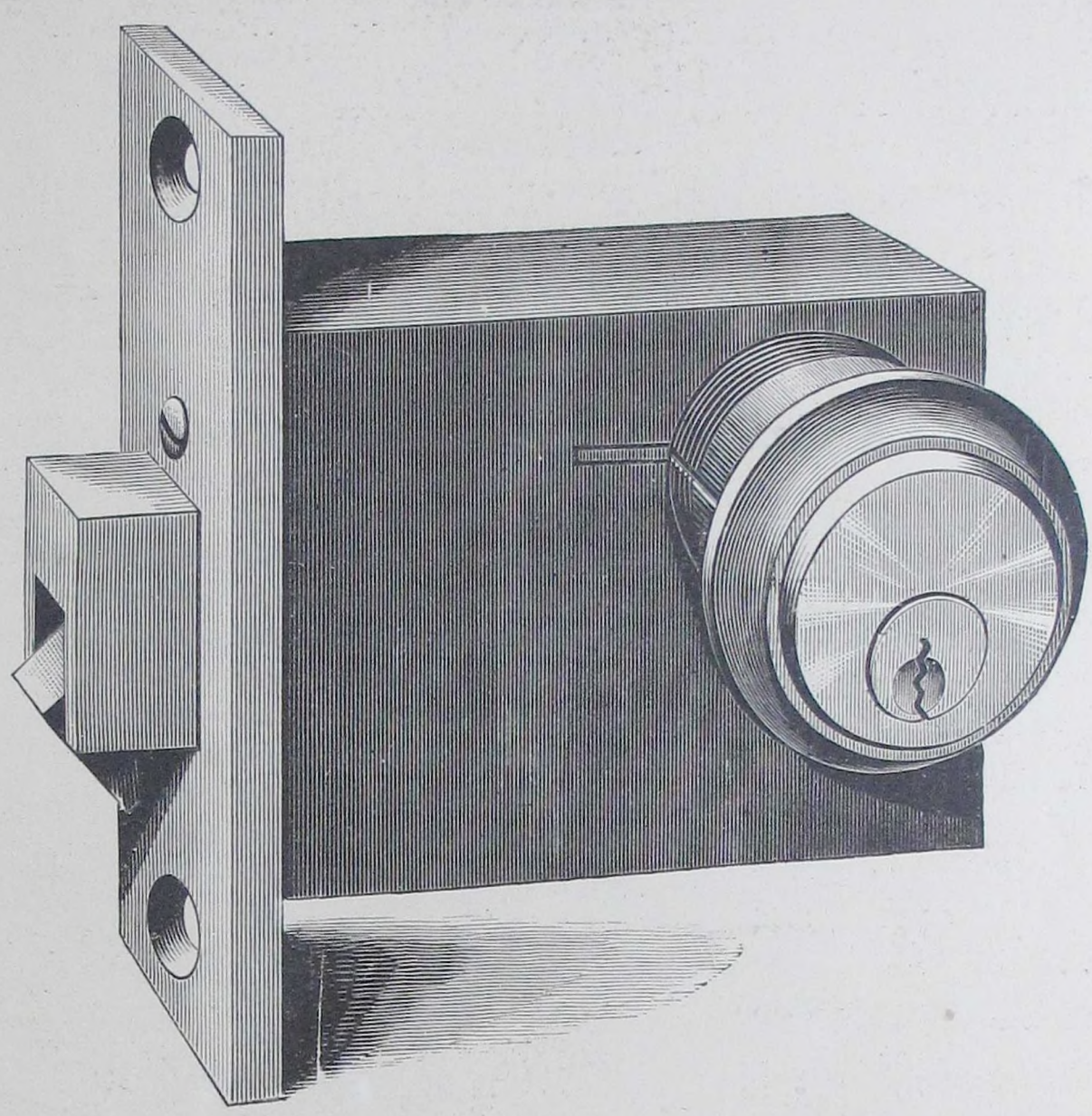
Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

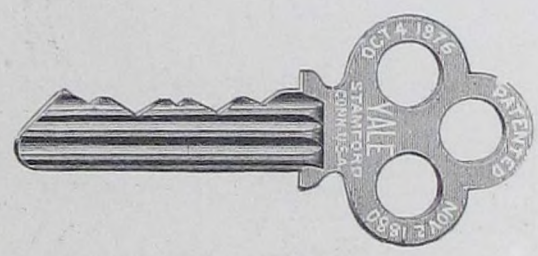
Heavy Bronze Bolt. **Case,** 2⅜ inches by 3⅝ inches.

No.	For Doors (Thickness)	Front.	Escutcheon.	Per Dozen.
340S 341S	1¼ to 2 inches. 2⅛ to 3 inches.	Plated.	Plated.	
342S 343S	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Plated.	
344S 345S	1¼ to 2 inches. 2⅛ to 3 inches.	Plain Bronze.	Plain Bronze.	
350S 351S	1¼ to 2 inches. 2⅛ to 3 inches.	Ornamental Bronze.	Ornamental Bronze.	
*Two Escutcheons. Extra charge for the additional escutcheon, . . .			Nos. 340s to 343s,	
When ordering with **two escutcheons** specify exact thickness of door, .			Nos. 344s to 351s,	

For heavier Sliding Door locks, see Nos. 300s, etc., page 82, No. 400s, page 86, Nos. 260s, etc., page 88, and Nos. 220s, etc., page 90.

For Sliding Door Stops, see Bronze Goods Section. **For Master** and **Extra Keys,** see Key Section.





No. 6 Key.

Distance from edge of door to center of Escutcheon, 2¾ inches.

Thickness of Case, ¾ inch.

YALE MORTISE SLIDING DOOR DEAD LOCKS, Nos. 340S to 351S.

YALE

MORTISE

COMBINED LOCK AND BOLTS.

FOR SLIDING OR SWINGING DOORS.

WITH NEW CORRUGATED KEYS.

Adjustable to doors of any thickness, as specified in order, see directions for ordering below. For mode of adjustment, see page 25.

Operated, as to the lock, by key, and the extension bolts by handles. The throwing of the lock-bolt secures the extension rods after they are thrown out by the handles. Can be locked by key from one or both sides of door, and knobs or lever handles may be used instead of the plates and handles shown.

Packed, with 3 No. 6 keys and screws, complete. For single doors, a plate strike will be packed in place of strike shown in cut.

Bronze Bolts, Iron Extension Rods with Bronze Tips, Strikes and Guide.

Case of Lock, 6½ inches by 5½ inches.
Case of Strike, 6 inches by 7 inches.
Escutcheon Plates, 8 inches by 4¾ inches.

No.	Front.	Cup Escutcheons.	For Double Doors, Complete with 4 (2 pairs) Cup Escutcheons and Handles. Each.	For Single Doors, Complete with 2 (1 pair) Cup Escutcheons and Handles. Each.	For Double Doors, Without Cup Escutcheons and Handles. Each.	For Single Doors, Without Cup Escutcheons and Handles. Each.
400S	Plain Bronze.	Plain Bronze.				

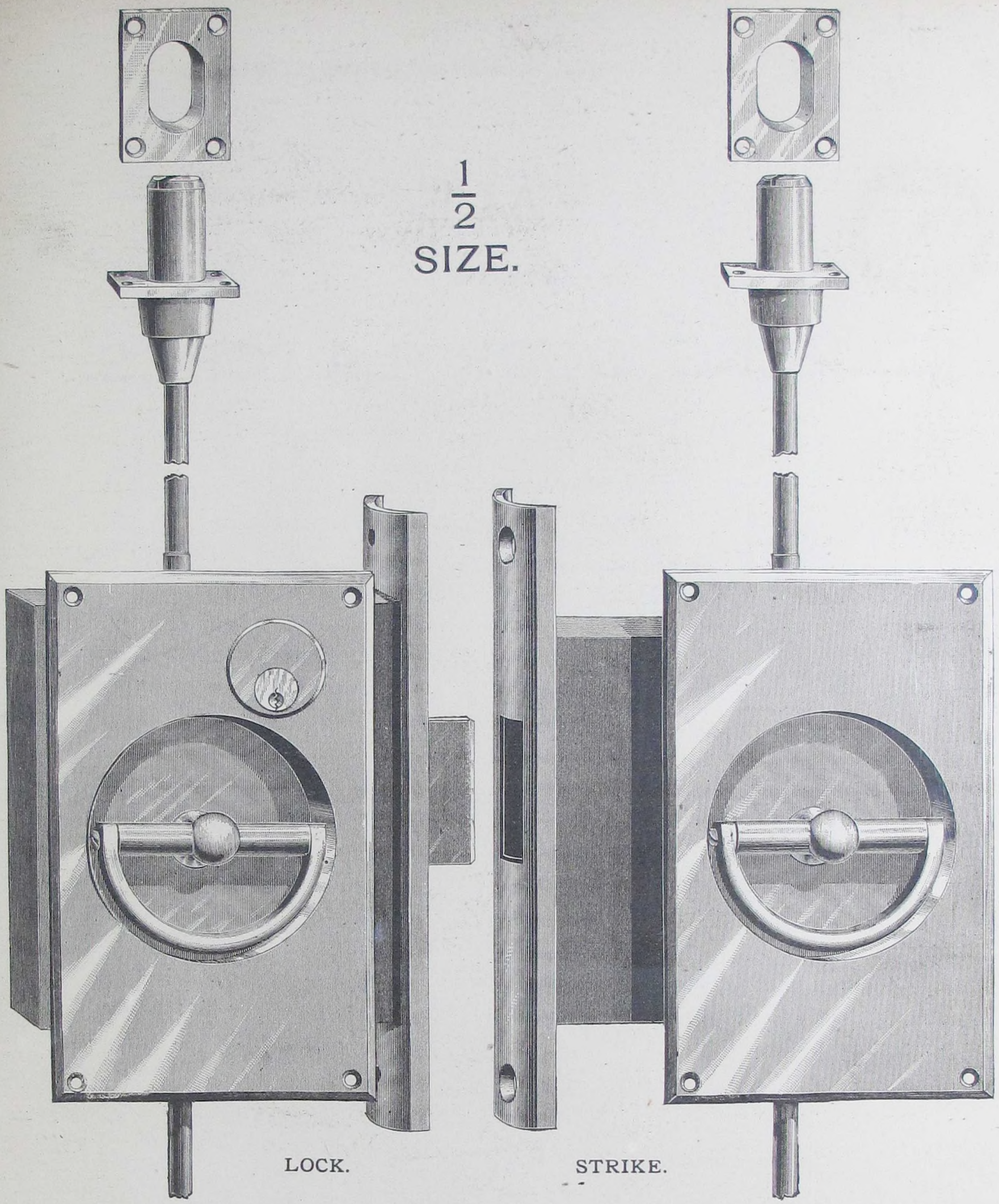
DIRECTIONS FOR ORDERING.

In ordering state whether for double or single doors, width of stile, full height and thickness of door, and whether face is beveled, round, astrigal, or rabbeted, and distance from bottom of door to the desired position of handle, also whether to be locked from one or both sides of door. If to be operated by key from one side of door only, indicate by diagram on which side.

For Knobs, Lever Handles, Cup Escutcheons and **Sliding Door Stops,** see Bronze Goods Section.

For Master and **Extra Keys,** see Key Section.

$\frac{1}{2}$
SIZE.



LOCK. STRIKE.

Distance from edge of door to center of Handles, { In Lock, 3⅜ inches / In Strike, 5⅛ inches

Thickness of Case, 1 inch.

YALE MORTISE COMBINED LOCK AND BOLTS, No. 400S.

[FOR SLIDING OR SWINGING DOORS.]

YALE

MORTISE

SLIDING DOOR LATCHES.

FOR VESTIBULE AND OTHER DOORS.

WITH NEW CORRUGATED KEYS.

For Use on Sliding Vestibule or other doors, and with Front door locks (as described on page 103), **or may be used alone for Front or outside doors when a dead lock is not required.**

Adjustable, as packed, to doors from 1½ inches to 3⅜ inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated by a knob from the inside, and either by the knob or by the key from the outside, as desired. By setting the stop, the outer knob, which is attached to a swivel spindle, is prevented from being turned, and the latch can then only be opened from the outside by the key.

Right or Left according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 4¾ inches by 3¾ inches.

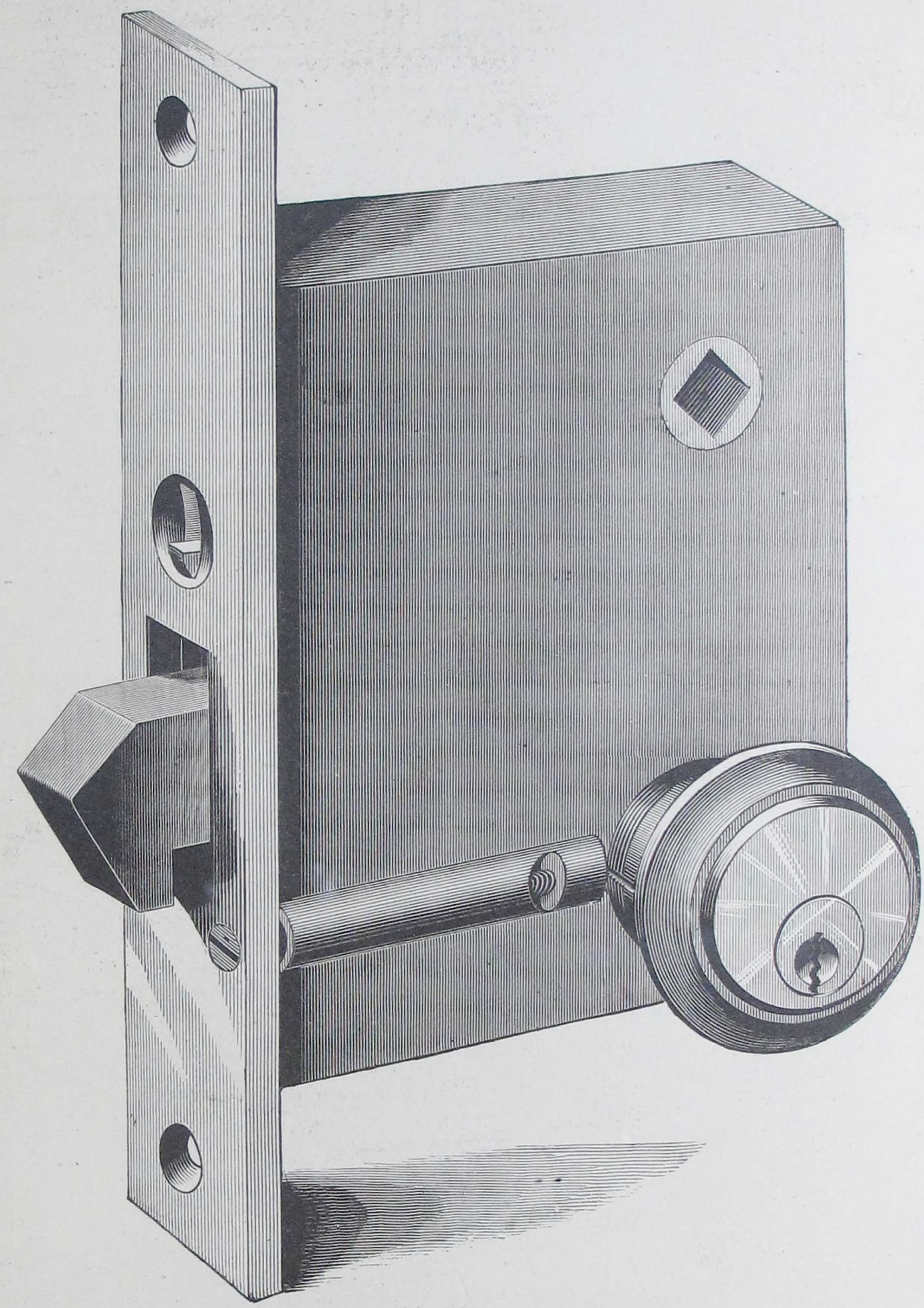
No.	For Doors (Thickness.)	Front.	Escutcheons and Escutcheon Plate.	Knobs.	Knob Roses.	Complete, with Furniture. Each.	Locks only, without Knobs or Plate. Each.
260S	1½ to 2⅜ ins.	Plated.	Plated.	Plated. (No. 15½P.)	Plated.		
261S	2⅜ to 3⅜ ins.						
262S	1½ to 2⅜ ins.	Plain Bronze.	Plated.	Plated. (No. 15½P.)	Plated.		
263S	2⅜ to 3⅜ ins.						
270S	1½ to 2⅜ ins.	Ornamental Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 1½.)	Ornamental Bronze.		
271S	2⅜ to 3⅜ ins.						
272S	1½ to 2⅜ ins.	Plain Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 1½.)	Ornamental Bronze.		
273S	2⅜ to 3⅜ ins.						
274S	1½ to 2⅜ ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 15½.)	Plain Bronze.		
275S	2⅜ to 3⅜ ins.						

DIRECTIONS FOR ORDERING.

Above locks are regularly packed with straight fronts. If desired with astrigal fronts, so specify in order. See page 17.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For other Sliding Door Locks, see Nos. 300s, etc., page 82, Nos. 340s, etc., page 84, Nos. 400s, page 86, and Nos. 220s, etc., page 90.



Distance from edge of door to center of Hub and Escutcheon, 2¾ inches.

Thickness of Case, 1⅛ inches.

YALE MORTISE SLIDING DOOR LATCHES, Nos. 260S to 275S.

[For Vestibule and other Doors.]

YALE

MORTISE

SLIDING DOOR KNOB LOCKS.

FOR FRONT DOORS.

WITH NEW CORRUGATED KEYS.

For Use upon principal or outside doors of Residences, Public Buildings, etc.

Sliding Door Latches, described on page 88, are designed to accompany the above, thus forming a set for use upon the front and vestibule doors of a house, and are furnished with keys to pass both locks when so ordered.

Adjustable, as packed, to doors from 1½ inches to 3⅜ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Right or **Left,** according to order, but **not adjustable** to right and left hand doors. See page 16.

Operated by a No. 6 key stamped "A," which passes the lock **from both sides,** and a No. 6 key "B," which operates **from the inside only.** See full description of lock on page 103.

Packed, each lock in a paper box, complete, with 3 No. 6 "A" keys, 2 No. 6 "B" keys, complete fittings, and printed directions for putting on.

Heavy Bronze Bolts. **Case,** 7½ inches by 3¾ inches.

No.	For Doors (Thickness.)	Front.	Escutcheons and Escutcheon Plate.	Knobs.	Knob Roses.	Complete, with Furniture. Each.	Locks only, without Knobs or Plate. Each.
220S 221S	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plated.	Plated.	Plated. (No. 15½P.)	Plated.		
222S 223S	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plated.	Plated. (No. 15½P.)	Plated.		
230S 231S	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Ornamental Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 1½.)	Ornamental Bronze.		
232S 233S	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Ornamental Bronze.	Ornamental Bronze. (No. 1½.)	Ornamental Bronze.		
234S 235S	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plain Bronze	Plain Bronze (No. 15½.)	Plain Bronze		

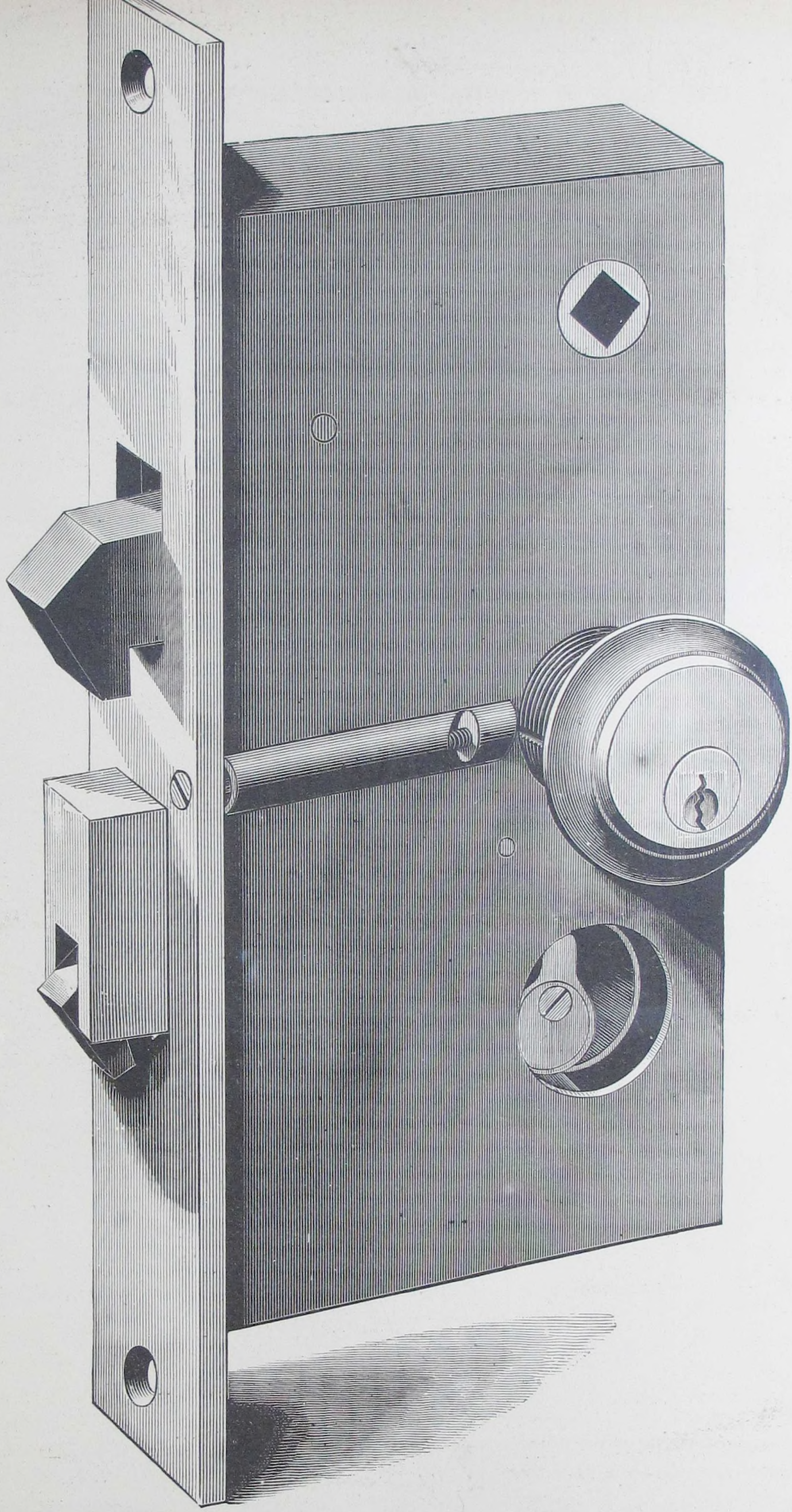
DIRECTIONS FOR ORDERING.

Above locks are regularly packed with straight fronts. If desired with astrigal fronts, so specify in order. See page 17.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For other Sliding Door locks, see Nos. 300S, etc., page 82, Nos. 340S, etc., page 84, No. 400S, page 86, and Nos. 260S, etc., page 88.

For Master and **Extra Keys,** see Key Section.



Distance from edge of door to center of Hub and Escutcheons, 2¾ inches.
Thickness of Case, 1⅛ inches.

YALE MORTISE SLIDING DOOR KNOB LOCKS, Nos. 220S to 235S.

[FOR FRONT DOORS.]

YALE

MORTISE

OFFICE KNOB LOCKS.

FOR DOORS WITH NARROW STILES.

WITH NEW CORRUGATED KEYS.

For Use especially on Office and other doors where key is frequently used.

Inverted positions of lever handle and key-hole make these locks more convenient in use of key than old style locks with key-hole under lever handle.

Adjustable, as packed, to doors from 1½ inches to 2⅝ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated. The latch bolt by the lever handles in the usual manner. The dead bolt by the key from **both sides of the door.**

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Case,** 5 inches by 3⅛ inches.

No.	For Doors (Thickness.)	Front.	Escutcheons and Plates.	Lever Handles	Complete, with Lever Handles, and 2 Plates. Each.	Locks only, without Handles and Plates. Each.
600 601	1½ to 2 ins. 2 to 2⅝ ins.	Plated.	Plated.	Plated. (No. 32.)		
602 603	1½ to 2 ins. 2 to 2⅝ ins.	Plain Bronze.	Plated.	Plated. (No. 32.)		
610 611	1½ to 2 ins. 2 to 2⅝ ins.	Ornamental Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 30.)		
612 613	1½ to 2 ins. 2 to 2⅝ ins.	Plain Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 30.)		
614 615	1½ to 2 ins. 2 to 2⅝ ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 32.)		

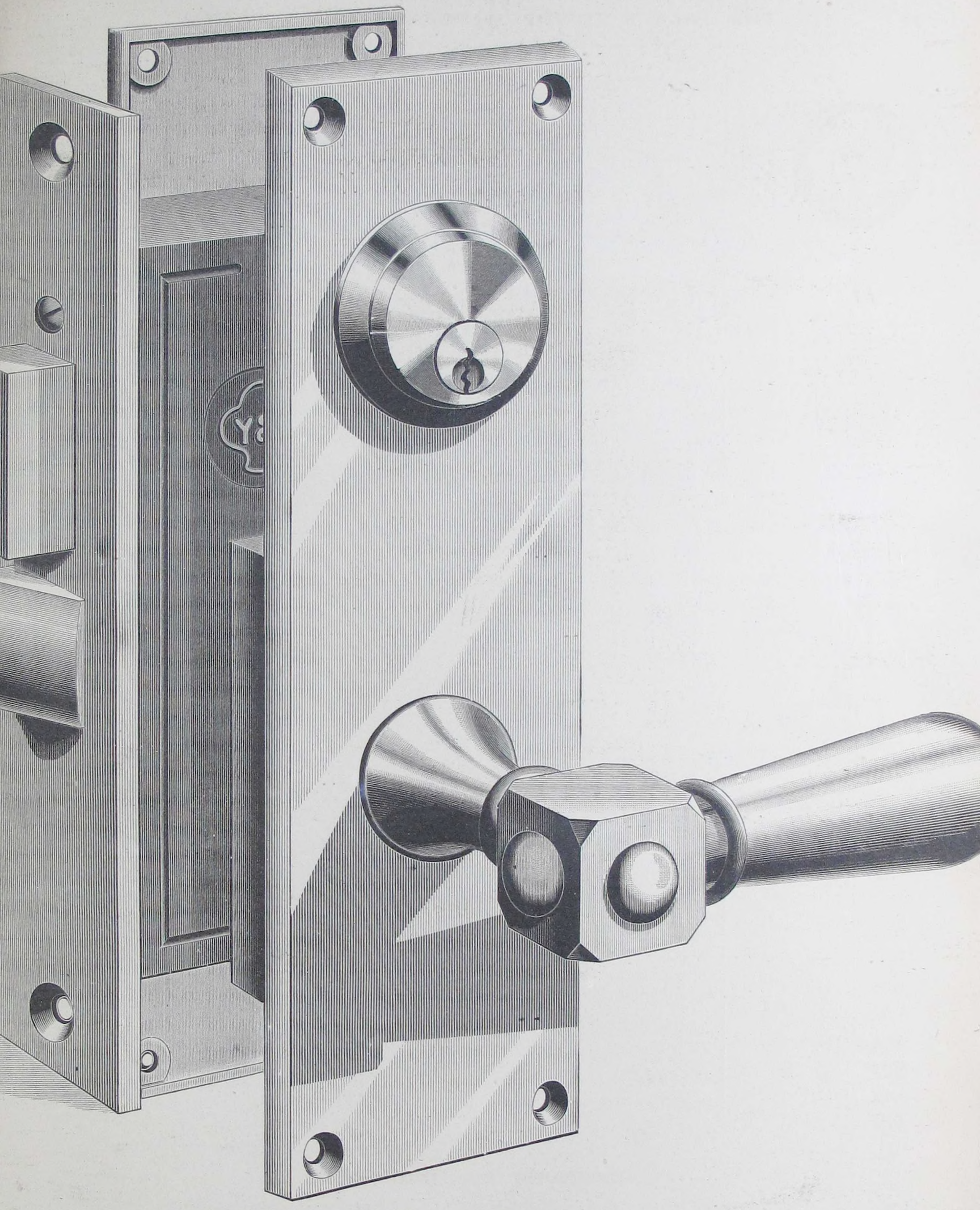
For locks of same class for wider stiles, see pages 96 to 101.

For same locks with two latch bolts, see page 102.

For Duplex locks, see pages 159 to 179.

For Knobs, see Bronze Goods Section.

For Master and Extra Keys, see Key Section.



Distance from edge of door to center of Hub and Escutcheons, 2¼ inches.

Thickness of Case, 1 inch.

YALE MORTISE OFFICE KNOB LOCKS, Nos. 600 to 615.

[FOR NARROW STILES.]

YALE

RABBETED

MORTISE

OFFICE KNOB LOCKS.

FOR DOORS WITH NARROW STILES.

WITH NEW CORRUGATED KEYS.

For Use especially on Office and other doors where key is frequently used.

Inverted positions of lever handle and key-hole make these locks more convenient in use of key than old style locks with key-hole under lever handle.

Adjustable, as packed, to doors from 1½ inches to 2⅝ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated. The latch bolt by the lever handles in the usual manner. The dead bolt by the key from **both both sides of the door.**

Right or **Left,** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Case,** 5 inches by 3⅝ inches.

No.	For Doors (Thickness.)	Front.	Escutcheons and Plates.	Lever Handles.	Complete, with Lever Handles and 2 Plates. Each.	Locks only, without Handles and Plates. Each.
620 621	1½ to 2 ins. 2 to 2⅝ ins.	Plated.	Plated.	Plated. (No. 32.)		
622 623	1½ to 2 ins. 2 to 2⅝ ins.	Plain Bronze.	Plated.	Plated. (No. 32.)		
630 631	1½ to 2 ins. 2 to 2⅝ ins.	Ornamental Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 30.)		
632 633	1½ to 2 ins. 2 to 2⅝ ins.	Plain Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 30.)		
634 635	1½ to 2 ins. 2 to 2⅝ ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 32.)		

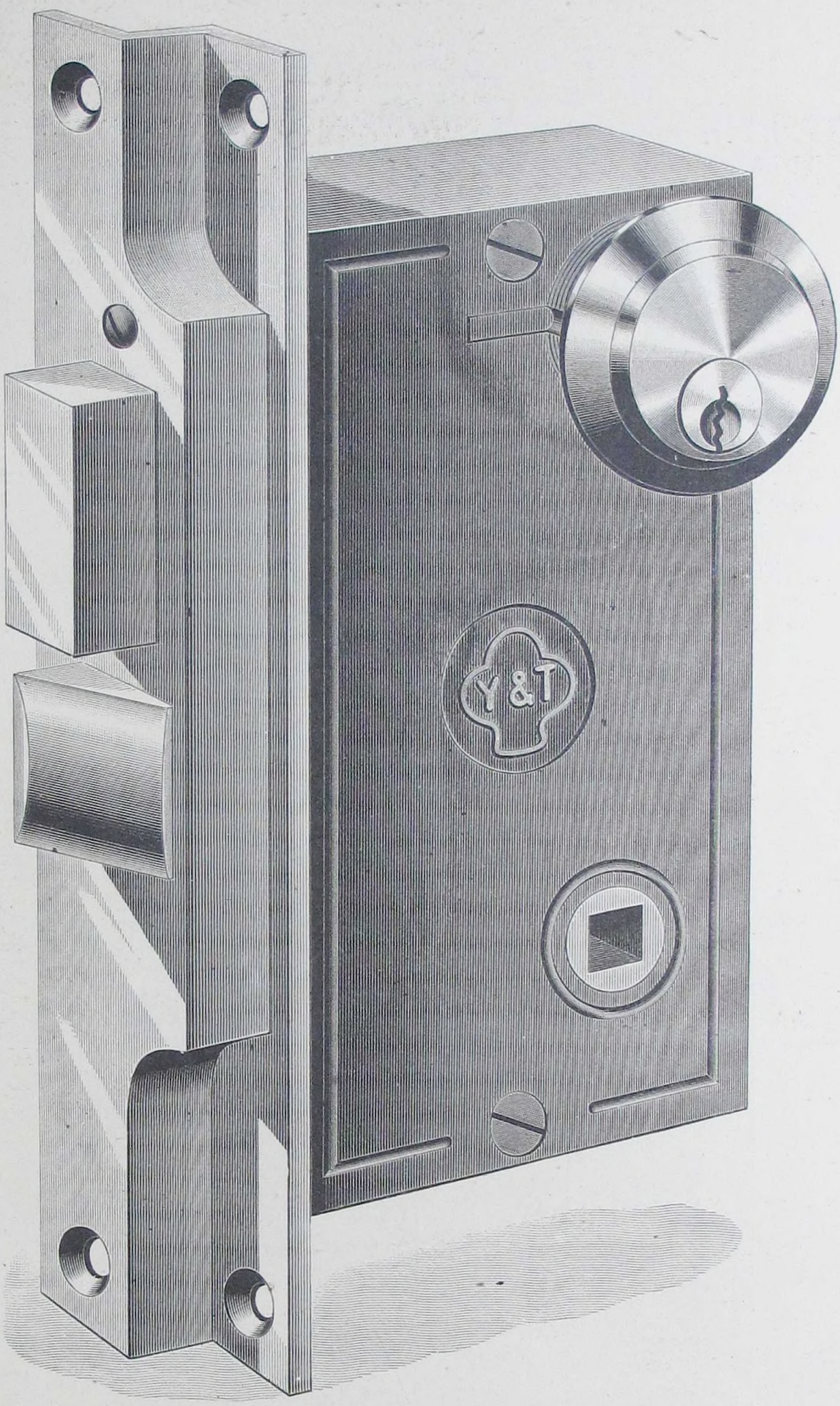
DIRECTIONS FOR ORDERING.

Hand. State whether locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For locks of same class for wider stiles, see pages 96 to 101.

For same Locks with two latch bolts, see page 102.

For Knobs, see Bronze Goods Section. **For Master** and **Extra Keys,** see Key Section.



Distance from edge of door to center of Hub and Escutcheons, { One side, 2¾ inches. / Other side, 2¼ inches. } Rabbet, ½ inch. (See page 17.)

Thickness of Case, 1 inch.

YALE MORTISE OFFICE KNOB LOCKS, (Rabbeted,) Nos. 620 to 635.

[FOR NARROW STILES.]

YALE

MORTISE

OFFICE KNOB LOCKS.

FOR DOORS WITH WIDE STILES.

WITH NEW CORRUGATED KEYS.

For Use especially on Office and other doors where key is frequently used.

Inverted positions of knob and key-hole make these locks more convenient in use of key than old style locks with key-hole under knob.

Adjustable, as packed, to doors from 1½ inches to 2⅝ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated. The latch bolt by the knobs in the usual manner. The dead bolt by the key from **both sides of the door.**

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Case,** 5½ inches by 4⅜ inches.

No.	For Doors (Thickness.)	Front.	Escutcheons and Plates.	Knobs.	Knob Roses.	Complete, with Knobs and 2 Plates. Each.	Locks only, without Knobs and Plates. Each.
640	1½ to 2 ins.	Plated.	Plated.	Plated. (No. 19.)	Plated.		
641	2 to 2⅝ ins.						
642	1½ to 2 ins.	Plain Bronze.	Plated.	Plated. (No. 19.)	Plated.		
643	2 to 2⅝ ins.						
650	1½ to 2 ins.	Ornamental Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 1.)	Ornamental Bronze.		
651	2 to 2⅝ ins.						
652	1½ to 2 ins.	Plain Bronze.	Ornamental Bronze.	Ornamental Bronze. (No. 1.)	Ornamental Bronze.		
653	2 to 2⅝ ins.						
654	1½ to 2 ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 19.)	Plain Bronze.		
655	2 to 2⅝ ins.						

For Duplex locks, see pages 159 to 179.

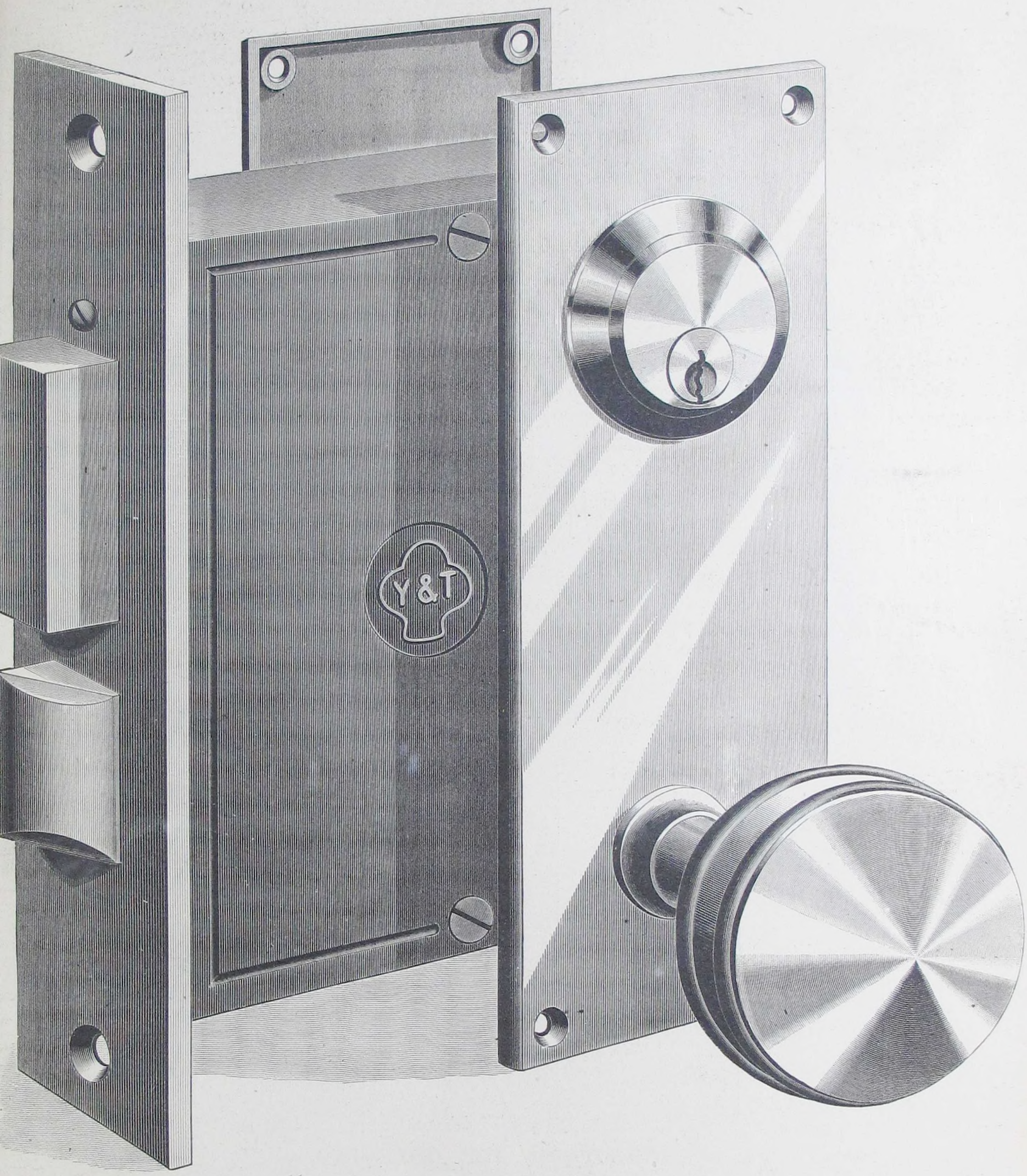
For locks of same class for narrow stiles, see Nos. 600, etc., pages 92 to 95.

For heavier locks of same class, see page 100.

For same lock with two latch bolts, see page 102.

For Knobs, see Bronze Goods Section.

For Master and Extra Keys, see Key Section.



Distance from edge of door to center of Hub and Escutcheons, 3½ inches.
Thickness of Case, 1 inch.

YALE MORTISE OFFICE KNOB LOCKS, Nos. 640 to 655.

[FOR WIDE STILES.]

YALE

RABBETED

MORTISE

OFFICE KNOB LOCKS,

FOR DOORS WITH WIDE STILES.

WITH NEW CORRUGATED KEYS.

For Use especially on Office and other doors where key is frequently used.

Inverted positions of knob and key-hole make these locks more convenient in use of key than old style locks with key-hole under knob.

Adjustable, as packed, to doors from 1½ inches to 2⅝ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 25.

Operated. The latch bolt by the knobs in the usual manner. The dead bolt by the key from **both sides of the door.**

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Rabbet,** ½ inch. (See page 17.) **Case,** 5½ inches by 4⅞ inches.

No.	For Doors (Thickness.)	Front.	Escutcheons and Plates.	Knobs.	Complete, with Knobs and 2 Plates. Each.	Locks only, without Knobs and Plates. Each.
660 661	1½ to 2 ins. 2 to 2⅝ ins.	Plated.	Plated.	Plated. (No. 19.)		
662 663	1½ to 2 ins. 2 to 2⅝ ins.	Plain Bronze.	Plated.	Plated. (No. 19.)		
670 671	1½ to 2 ins. 2 to 2⅝ ins.	Ornamental Bronze	Ornamental Bronze	Ornamental Bronze (No. 11.)		
672 673	1½ to 2 ins. 2 to 2⅝ ins.	Plain Bronze.	Ornamental Bronze	Ornamental Bronze (No. 11.)		
674 675	1½ to 2 ins. 2 to 2⅝ ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 19.)		

DIRECTIONS FOR ORDERING.

Hand. State whether locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For locks of same class for narrow stiles, see Nos. 600, etc., pages 92 to 95.

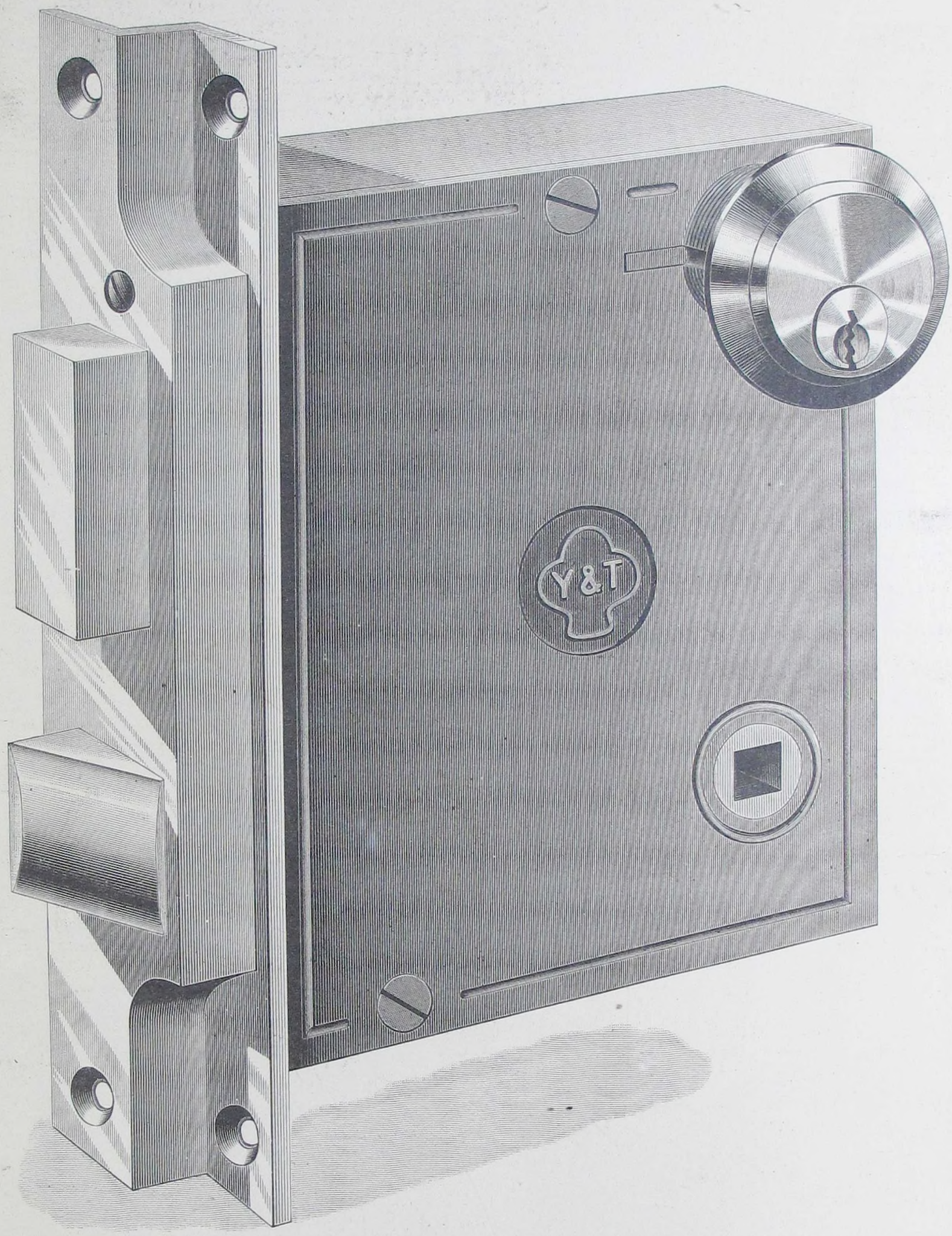
For heavier locks of same class, see page 100.

For same locks with two latch bolts, see page 102.

For Duplex locks, see pages 159 to 179.

For Knobs, see Bronze Goods Section.

For Master and **Extra Keys,** see Key Section.



Distance from edge of door to center of Hub and Escutcheons, { One side, 4 inches. / Other side, 3½ inches. } Rabbet, ½ inch. (See page 17.)

Thickness of Case, 1 inch.

YALE MORTISE OFFICE KNOB LOCKS, (Rabbeted,) Nos. 660 to 675.

[FOR WIDE STILES.]

YALE

MORTISE

OFFICE KNOB LOCKS,

FOR HEAVY DOORS.

WITH NEW CORRUGATED KEYS.

For Use especially on Office, Church, Bank and Front doors of other Public Buildings.

Inverted positions of knob and key-hole make these locks more convenient in use of key than old style locks with key-hole under knob.

Adjustable, as specified in table below. For mode of adjustment, see page 25.

Operated. The latch bolt by the knobs in the usual manner. The dead bolt by the key from **both sides** of the door.

Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Case,** 6½ inches by 4 inches.

No.	For Doors (Thickness.)	Front.	Escutcheons and Escutcheon Plates.	Knobs.	Complete with Knobs and 2 Plates. Each.	Locks only, without Knobs and Plates. Each.
657	2 ins. and over	Plated.	Plated.	Plated. (No. 25P.)		
658	2 ins. and over	Plain Bronze.	Ornamental Bronze	Ornamental Bronze (No. 25.)		
659	2 ins. and over	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 25P.)		

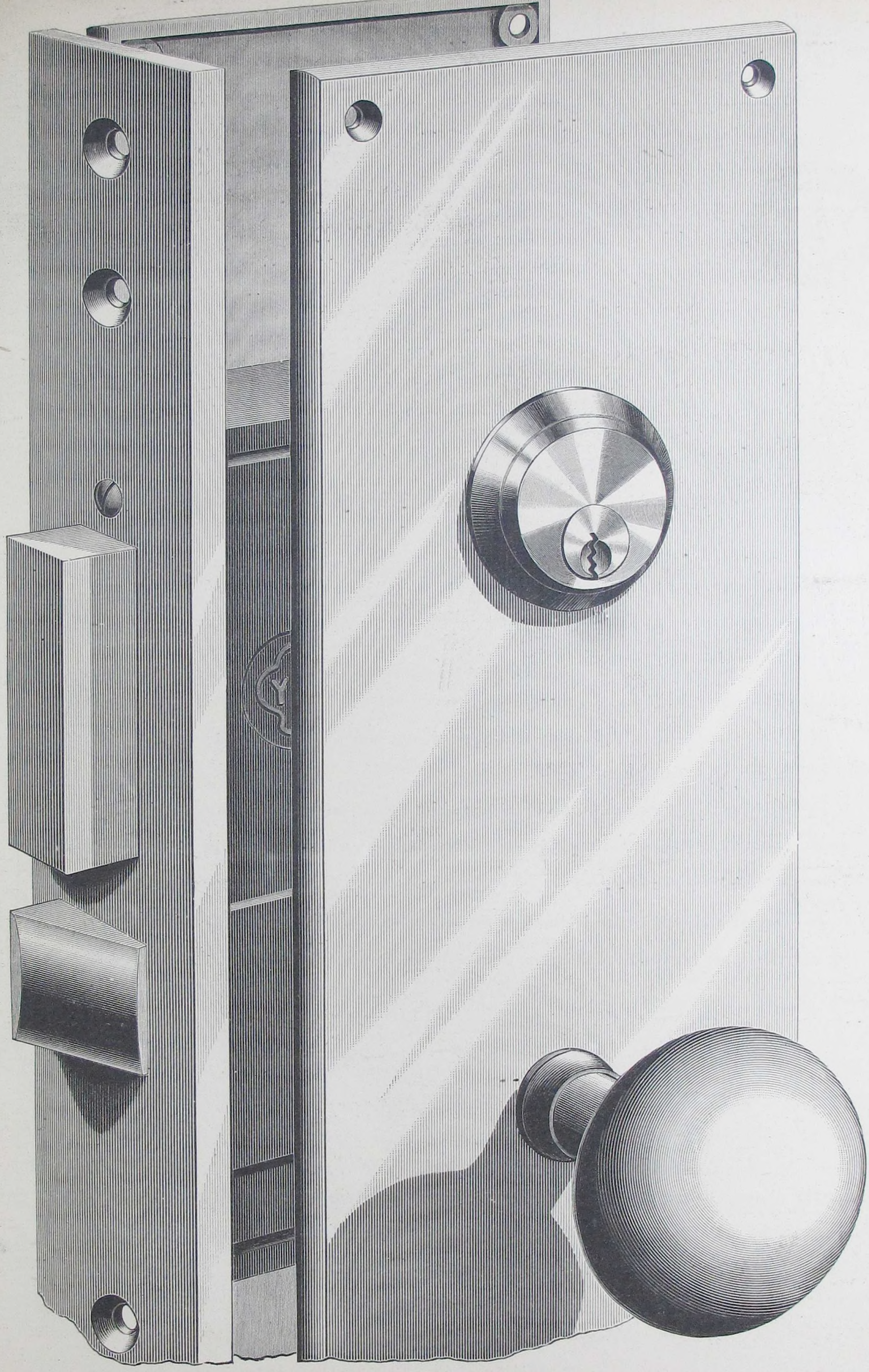
Thickness of Door. Specify, when ordering, thickness of door for which locks are desired.

For locks of same class for narrow stiles, see Nos. 600, etc., pages 92 to 95.

For locks of same class for wide stiles, see Nos. 640, etc., pages 96 to 99.

For Duplex locks, see pages 159 to 179.

For Knobs, see Bronze Goods Section. **For Master** and **Extra Keys,** see Key Section.



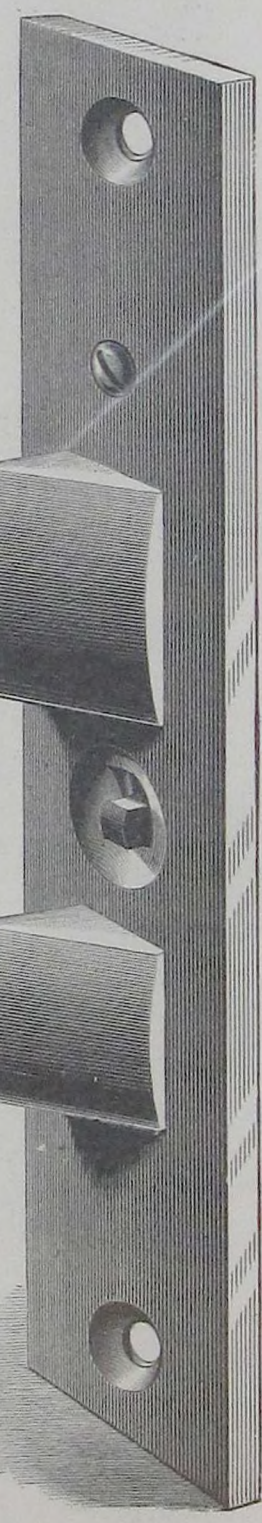
Distance from edge of door to center of Hub and Escutcheons, 3 inches.
Thickness of Case, 1⅛ inches.

YALE

MORTISE

OFFICE KNOB LOCKS,

WITH TWO LATCH BOLTS AND NEW CORRUGATED KEYS.



Description. These locks are identical with Nos. 600 to 635 and Nos. 640 to 675, shown on pages 92 to 99, except that they have **two latch bolts,** as shown by illustration on this page.

Operated. The lower latch bolt by the knobs in the usual manner. The upper latch bolt by the key from **both sides of the door,** and may be fastened back at will by the spring catch in front.

If so desired and specified in order, these locks **may be arranged so that the inside knob will at all times operate both latch-bolts,** in which case inside key escutcheon will be omitted.

For Use especially on Office and other doors where the door is frequently locked, the upper latch bolt locking the door without the use of the key.

Prices of these locks are the same as those given for corresponding locks on pages 92 to 99.

DIRECTIONS FOR ORDERING.

Numbers. When ordering these locks use same numbers as given on pages 92 to 99, with the addition of the letter **S,** to indicate **spring.** And if it is desired that inside knob shall operate both latch bolts, so state in order.

For Duplex locks, see pages 159 to 179.

YALE

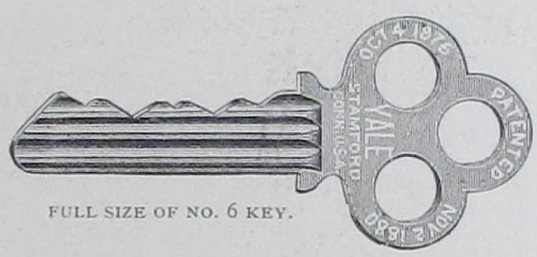
MORTISE

SINGLE-KEY

Front Door and Vestibule Sets,

With Night Key Attachment, for Front or Outside Doors.

WITH NEW CORRUGATED KEYS.



FULL SIZE OF NO. 6 KEY.

The householder ordinarily has on his street door two locks, one containing the bolt and the other the latch, or one large lock containing both. In either case **two keys** are necessary—one very large and heavy, to operate the bolt, and another smaller one for the latch. The large key for the bolt is rarely carried by the owner of the house, who is thus liable to be locked out at times. The Yale Front Door locks have but **one key-hole** on each side, and the owner's night key (size of which we show above) will always enable him to control **both bolts** of the lock, so that he can **never be locked out.** Another key is furnished with each lock which will not operate it **from the outside,** and can only be used to lock the main bolt (from the inside) at night. This latter key (marked B) may be given in charge of the servants, or hung up near the lock without fear, since its possession will not give access to the house from the outside, nor enable the door to be locked against the owner from the inside.

In workmanship and materials, and in finish and elegance of design, these are the finest front door locks ever made, and their bolts, as well as the locks themselves, are of unusual strength. Added to these advantages is the great convenience and security resulting from the peculiar arrangement above explained. For description of the tumbler mechanism, see pages 20 to 23, and for mode of adjustment, see page 25.

ARCHITECTS' SPECIFICATIONS should designate these locks as "The Yale & Towne Mfg. Co.'s **Yale Front Door Sets,**" and the style and finish as per list numbers on following pages.

THE BEST EQUIPMENT consists of a Yale Front Door lock (to keys alike) on both the Front and Vestibule doors, but a Vestibule Latch (pages 116 to 123) may be used for the latter if preferred.

YALE

MORTISE

FRONT DOOR

AND

VESTIBULE SETS.

ESCUTCHEON PLATES AND KNOBS.

On the following page is shown a Yale Front Door lock, complete, with special combined escutcheon plate and knobs. The plate and knobs are made to match as regards design. Many designs of plates and knobs for these locks have been executed which are very beautiful and artistic, photographs of which will be submitted on application to intending purchasers. On pages 106 and 107 are shown only four patterns, two of which are for locks with escutcheons **over** knobs and two for locks with escutcheons **under** knobs. Any pattern, however, can be furnished for either style of locks.

POSITION OF ESCUTCHEON AND KNOBS.

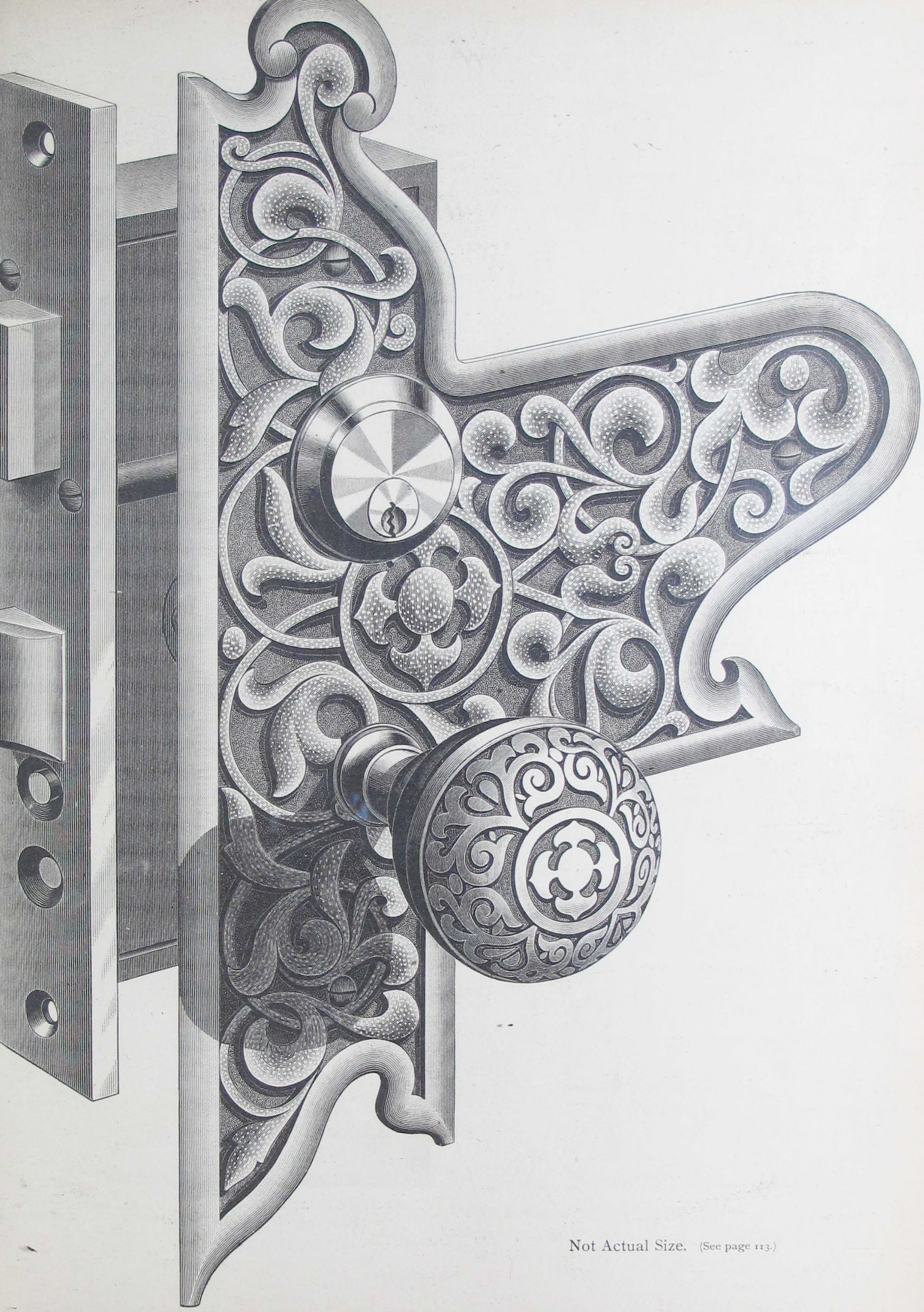
Escutcheon under **Knobs.** Shown, Front Door locks, on pages 108 to 111; Vestibule Latches, pages 116 to 119.
Escutcheon over **Knobs.** Shown, Front Door locks, on pages 112 to 115; Vestibule Latches, pages 120 to 123.

The usual position of escutcheon or key-hole is under the knobs, but the inverted position is more convenient in use of key. The locks are otherwise similar, and are operated, **as to key,** in the same admirable manner.

EXTRA WIDE LOCKS.

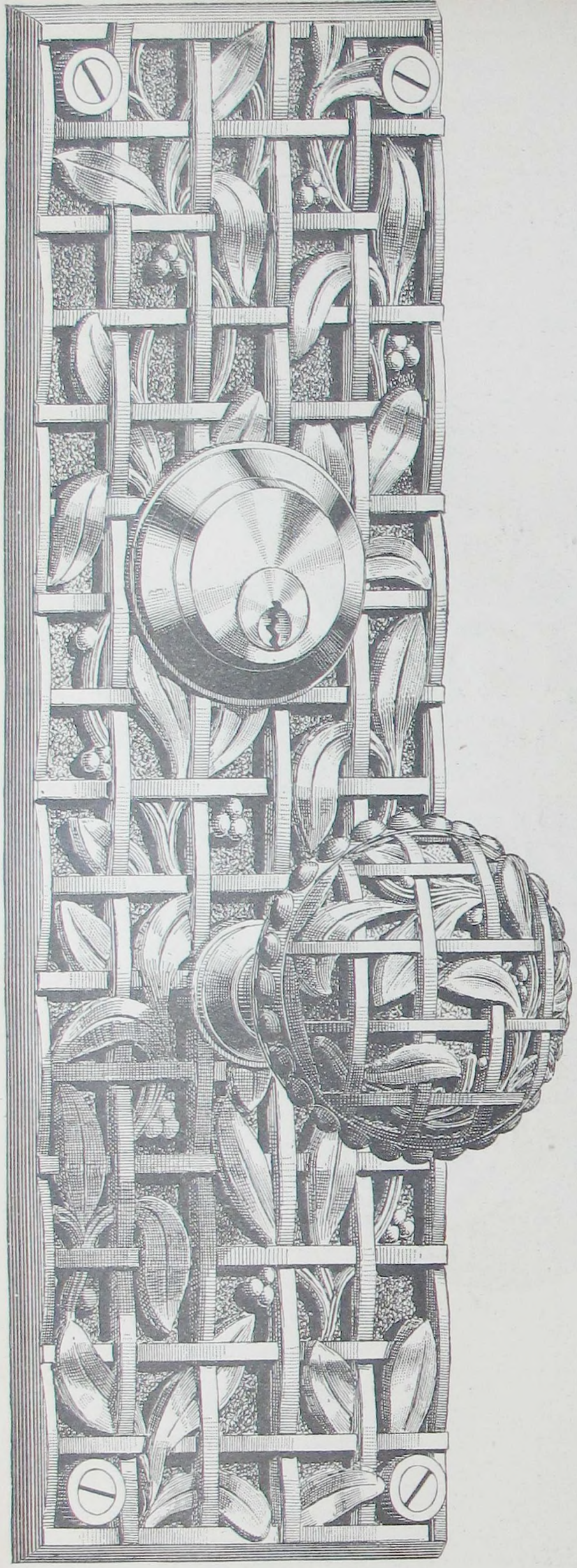
The Yale Front Door locks and Vestibule latches can be furnished to order with special cases, of extra width, to suit doors having wide stiles, as follows:

	Regular Size.	Special Size, "C."	Special Size, "D."
FRONT DOOR LOCKS.			
Extreme width of Lock-case,	3¾ inches.	5½ inches.	6¼ inches.
Distance from edge of door to center of Hub and Escutcheon	2¾ inches.	4½ inches.	5¼ inches.
Extra list price, per lock,			
VESTIBULE LATCHES—To Match.			
Extreme width of Lock-Case,	3¾ inches.	5½ inches.	6¼ inches.
Distance from edge of door to center of Hub and Escutcheon	2¾ inches.	4½ inches.	5¼ inches.
Extra list price, per lock,			

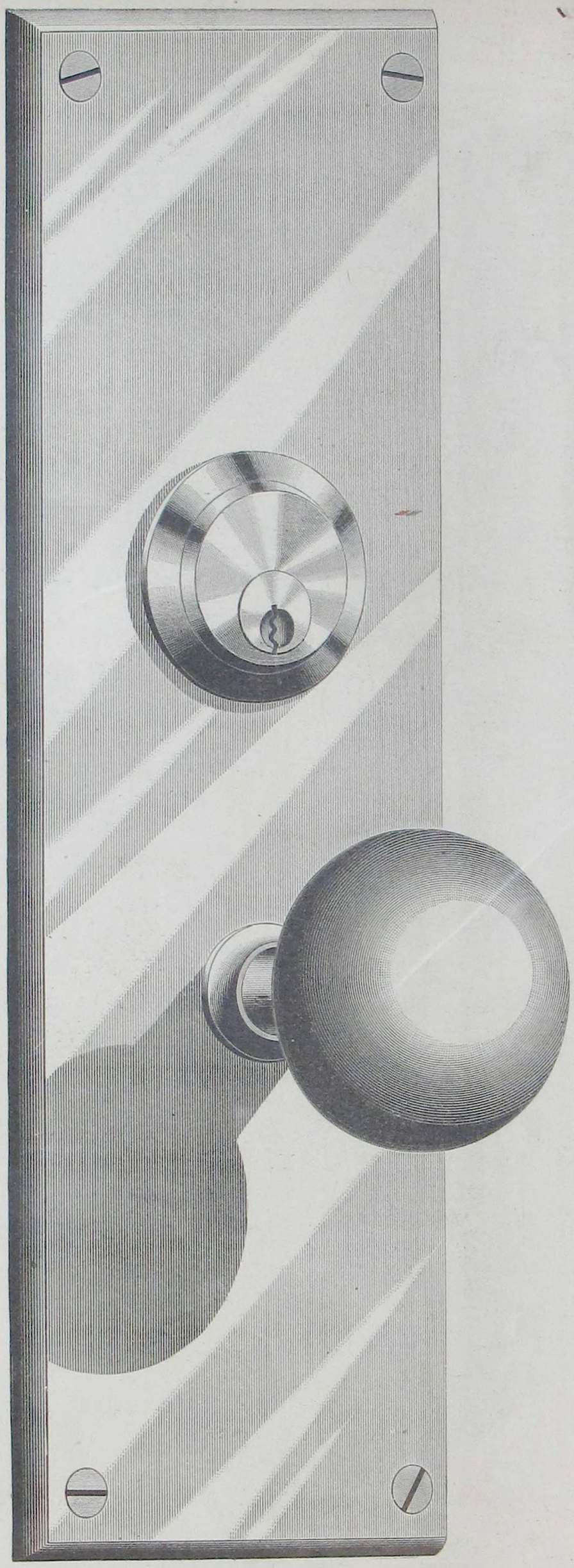


Not Actual Size. (See page 113.)

YALE MORTISE FRONT DOOR LOCK, (Complete with Special Furniture.)



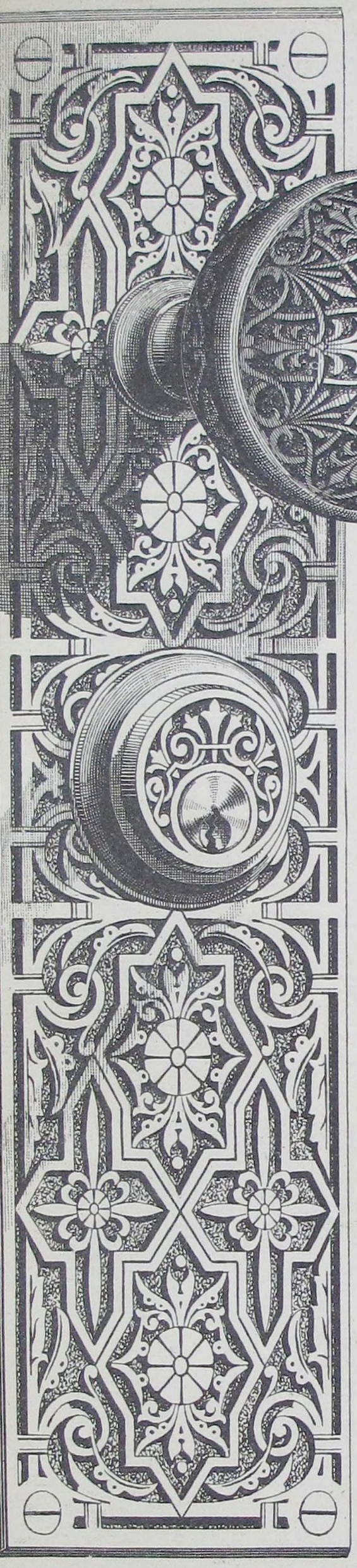
COMBINED ESCUTCHEON PLATE,
No. 401½ HOLLY (Not Actual Size.)
[HOLLY DESIGN.]
Size, 3½ inches by 11 inches.
For Locks with Escutcheon over Knob.
(See page 104.)



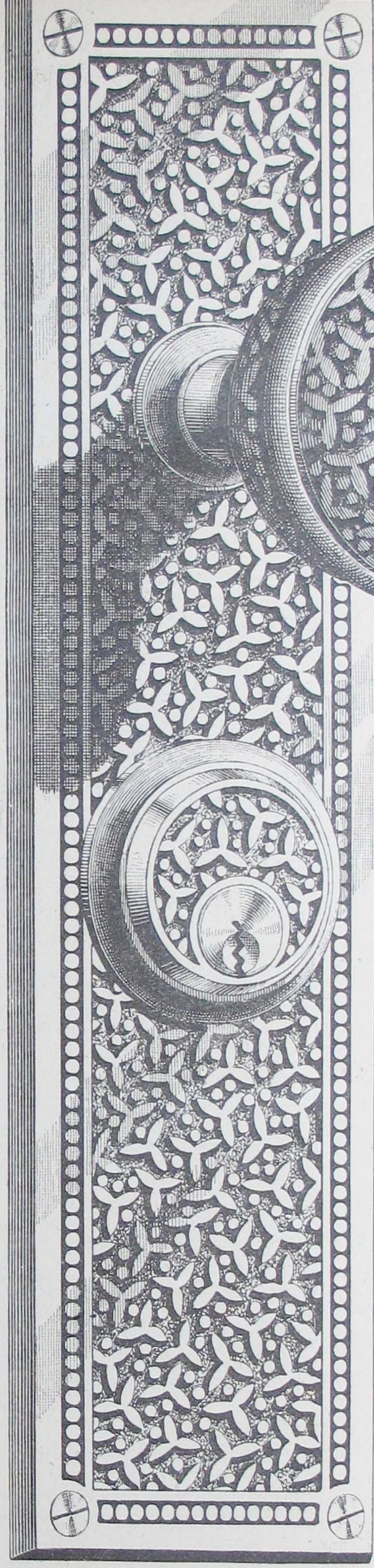
COMBINED ESCUTCHEON PLATE,
No. 401P. (Not Actual Size.)
[PLAIN BRONZE.]
Size, 3½ inches by 11 inches.
For Locks with Escutcheon over Knob.
(See page 104.)

Combined Escutcheon Plates for Yale Front Door Locks and Vestibule Latches.

(For Locks, see pages 108 to 123.)



BINED ESCUTCHEON PLATE,
No. 401G. (Not Actual Size.)
[GOTHIC DESIGN.]
Size, 2½ inches by 10 inches.
Locks with Escutcheon under Knob.
(See page 104.)



COMBINED ESCUTCHEON PLATE,
No. 401R. (Not Actual Size.)
[RICE DESIGN.]
Size, 2½ inches by 10 inches.
For Locks with Escutcheon under Knob.
(See page 104.)

nbined Escutcheon Plates for Yale Front Door Locks and Vestibule Latches.

YALE

MORTISE

FRONT DOOR LOCKS,

WITH KEY-HOLE UNDER KNOBS.

WITH NEW CORRUGATED KEYS.

For Use upon principal or outside doors of Residences, Public Buildings, etc.

Vestibule Latches, described on page 116 are designed to accompany the above, thus forming a set for use upon the front and vestibule doors of a house, and are furnished with keys to pass both locks when so ordered.

Adjustable, as packed, to doors from 1½ inches to 3⅜ inches thick, but can be furnished for other thicknesses, if specified in order.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Operated by a key stamped "A," which passes the lock **from both sides,** and a key "B," which operates **from the inside only.** See full description of lock on page 103.

Bevel. The front of this lock is made regularly to a bevel of ¼ inch in 2¼ inches, but can be furnished with other bevels, when so ordered.*

Packed, each lock in a paper box, with 3 No. 6 "A" keys, and 2 No. 6 "B" keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Case,** 7½ inches by 3¾ inches.

For same locks with key-hole over knobs, see pages 112 and 113.

No.	For Doors (Thickness.)	Front.	Regular Escutcheon Plate.	Knobs.	Knob Roses.	Complete, with Furniture. Each.	Locks only, without Knobs and Plate. Each.
220 221	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plated.	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½.)	Plated.		
222 223	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½.)	Plated.		
230 231	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Ornamental Bronze.	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
232 233	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
234 235	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plain Bronze (3½ by 11 ins.)	Plain Bronze (No. 15½.)	Plain Bronze		

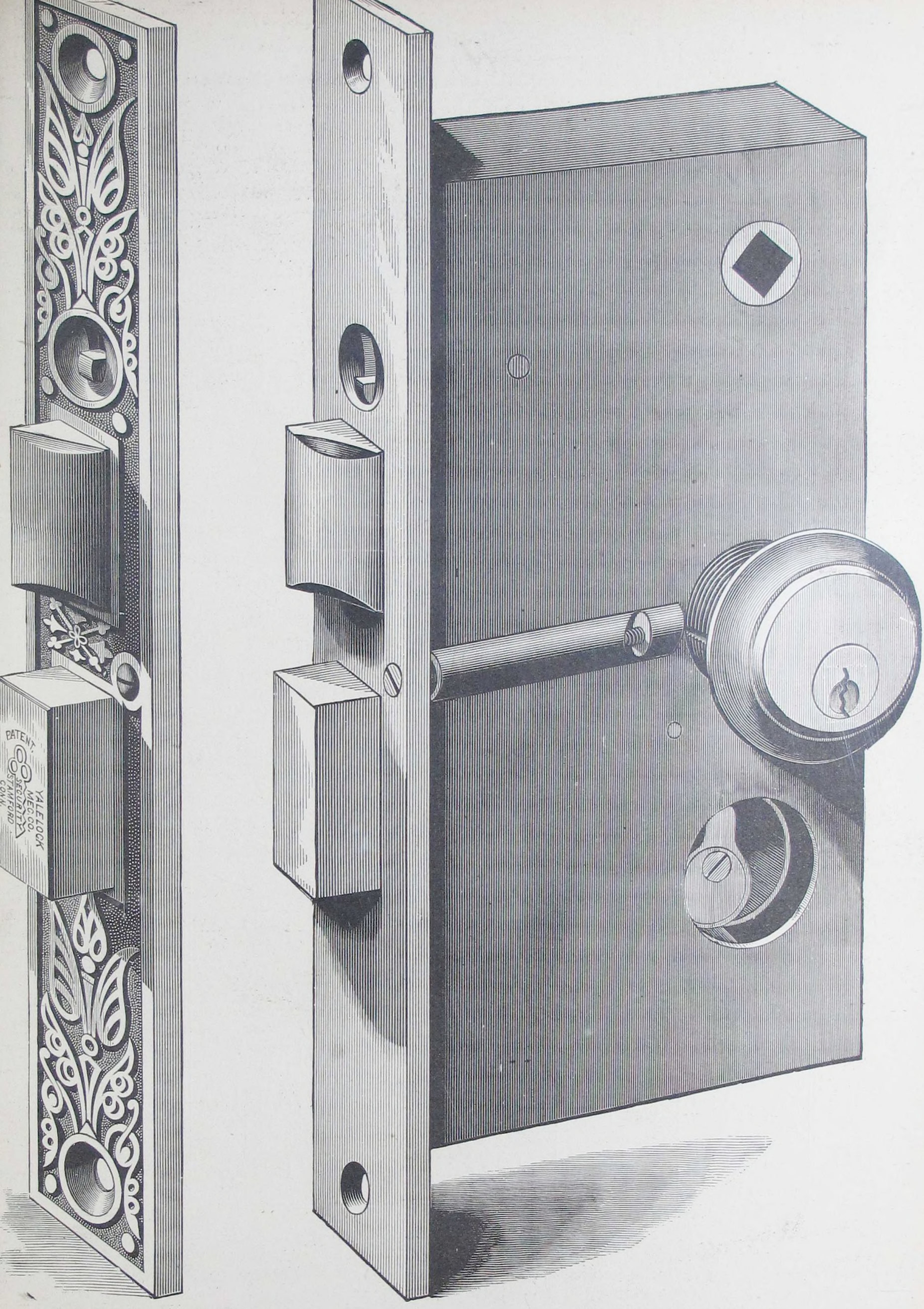
DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

***Special Bevel.** If special bevel is wanted, specify the bevel; see page 17 where directions for measuring bevel are given.

For designs of Escutcheon Plates and Knobs, see pages 104, 106 and 107.

For Extra wide locks, see page 104. **For Master** and **Extra Keys,** see Key Section.



FRONT

For Nos. 230 and 231 Locks.

Distance from edge of door to center of Hub and Escutcheons, 2¾ inches.

Thickness of Case, 1⅛ inches.

YALE MORTISE FRONT DOOR LOCKS, Nos. 220 to 235.

For illustration of complete locks, see page 105.

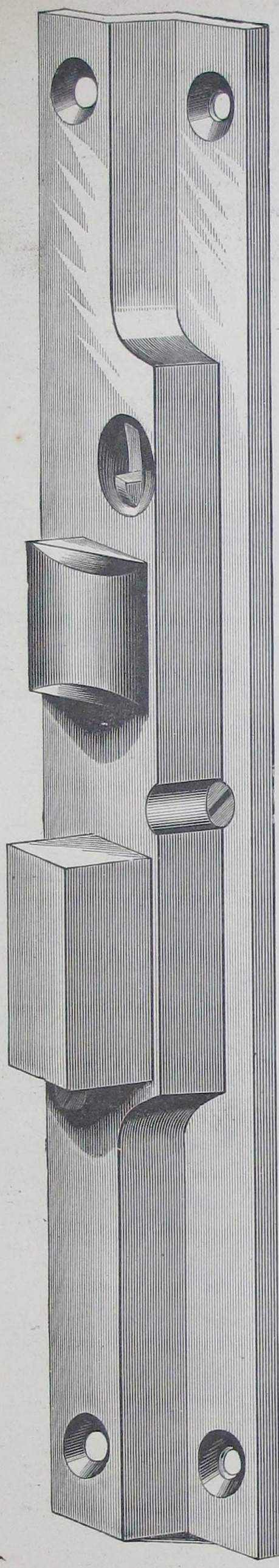
YALE
RABBETED
MORTISE
FRONT DOOR LOCKS,
WITH KEY-HOLE UNDER KNOBS.
WITH NEW CORRUGATED KEYS.

Illustration. The same lock as No. 220, page 108, but with rabbeted front and strike.
For Use on principal or outside doors of Residences, Public Buildings, etc.
Vestibule Latches, described on page 118, are designed to accompany the above, thus forming a set upon the front and vestibule doors of a house, and are furnished with keys to pass both locks when so ordered.
Adjustable, as explained below. For mode of adjustment, see page 25.
Right or **Left,** according to order, but **not adjustable** to right and left hand doors. See page 16.
Operated by a key stamped "A," which passes the lock **from both sides** of the door, and a key "B," which operates from the inside only. See full description of lock on page 103.
Packed, each lock in a paper box, with 3 No. 6 "A" keys and 2 No. 6 "B" keys, complete fittings, screws, and printed directions for putting on.
Heavy Bronze Bolts. **Rabbet,** ½ inch. (See page 17.) **Case,** 7½ inches by 4¼ inches.
For same locks with key-hole **over** knobs, see pages 114 and 115.

No.	For Doors (Thickness.)	Front.	Regular Escutcheon Plate.	Knobs.	Knob Roses.	Complete, with Furniture. Each.	Locks only, without Knobs and Plate. Each.
240 241	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plated.	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½.)	Plated.		
242 243	1½ to 2⅜ ins. 2⅜ io 3⅜ ins.	Plain Bronze	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½.)	Plated.		
250 251	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Ornamental Bronze.	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
252 253	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
254 255	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plain Bronze (3½ by 11 ins.)	Plain Bronze (No. 15½.)	Plain Bronze		

DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.
For designs of Escutcheon Plates and Knobs, see pages 104, 106 and 107.
For Extra wide locks, see page 104. **For Master and Extra Keys,** see Key Section.

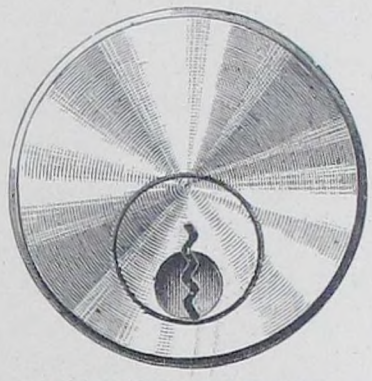


FRONT

For Nos. 240 to 243 and 252 to 255 Locks.

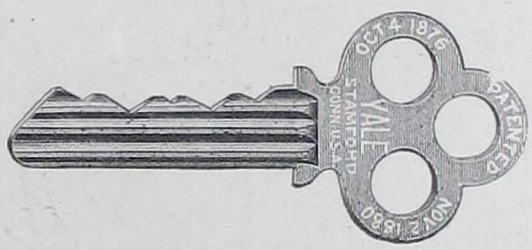
ESCUTCHEON

For Nos. 250 to 253 Locks.



ESCUTCHEON

For Nos. 240 to 243, 254 and 255 Locks.



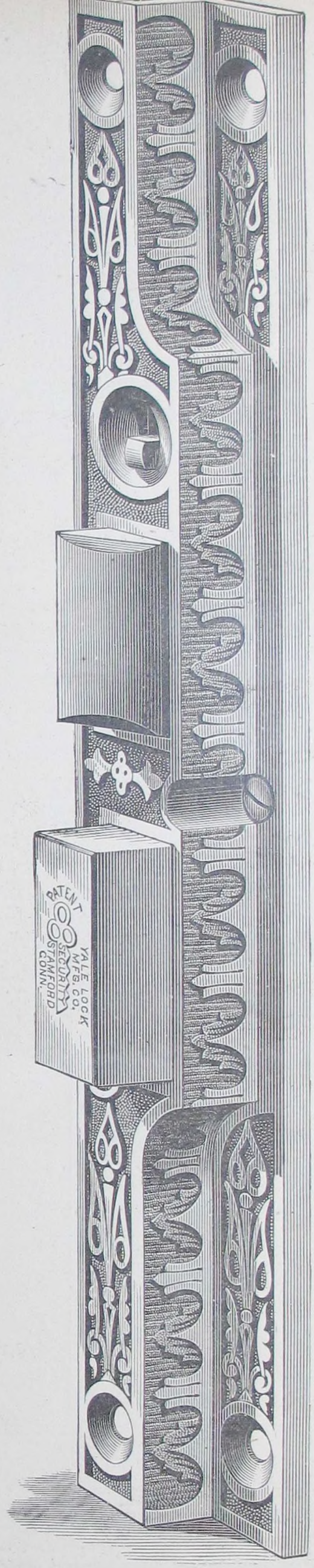
No. 6 Key.

Distance from edge of door to center of Hub and Escutcheons,

{ One side, 3¼ inches. / Other side, 2¾ inches. } **Rabbet,** ½ inch. (See page 17.)

Thickness of Case, 1⅛ inches.

(For illustration of complete Lock, see page 109.)



FRONT

For Nos. 250 and 251 Locks.

YALE MORTISE FRONT DOOR LOCKS, Nos. 240 to 255.

YALE

MORTISE

FRONT DOOR LOCKS,

WITH KEY-HOLE OVER KNOBS.

WITH NEW CORRUGATED KEYS.

For Use upon principal or outside doors of Residences, Public Buildings, etc.

Vestibule Latches, described on page 120, are designed to accompany the above, thus forming a set for use upon the front and vestibule doors of a house, and are furnished with keys to pass both locks when so ordered.

Adjustable, as packed, to doors from 1½ to inches to 3⅜ inches thick, but can be furnished for other thicknesses, if specified in order.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Operated by a key stamped "A," which passes the lock **from both sides,** and a key "B," which operates **from the inside only.** See full description of lock on page 103.

Bevel. The front of this lock is made regularly to a bevel of ¼ inch in 2¼ inches, but can be furnished with other bevels, when so ordered.*

Packed, each lock in a paper box, with 3 No. 6 "A" keys, and 2 No. 6 "B" keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Case,** 7½ inches by 3¾ inches.

For same locks, with key-hole under knobs, see pages 108 and 109.

No.	For Doors (Thickness.)	Front.	Regular Escutcheon Plate.	Knobs.	Knob Roses.	Complete, with Furniture. Each.	Locks only, without Knobs. Each.
220½	1½ to 2⅜ ins.	Plated.	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½P.)	Plated.		
221½	2⅜ to 3⅜ ins.						
222½	1½ to 2⅜ ins.	Plain Bronze	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½P.)	Plated.		
223½	2⅜ to 3⅜ ins.						
230½	1½ to 2⅜ ins.	Ornamental Bronze.	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
231½	2⅜ to 3⅜ ins.						
232½	1½ to 2⅜ ins.	Plain Bronze	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
233½	2⅜ to 3⅜ ins.						
234½	1½ to 2⅜ ins.	Plain Bronze	Plain Bronze (3½ by 11 ins.)	Plain Bronze (No. 15½.)	Plain Bronze		
235½	2⅜ to 3⅜ ins.						

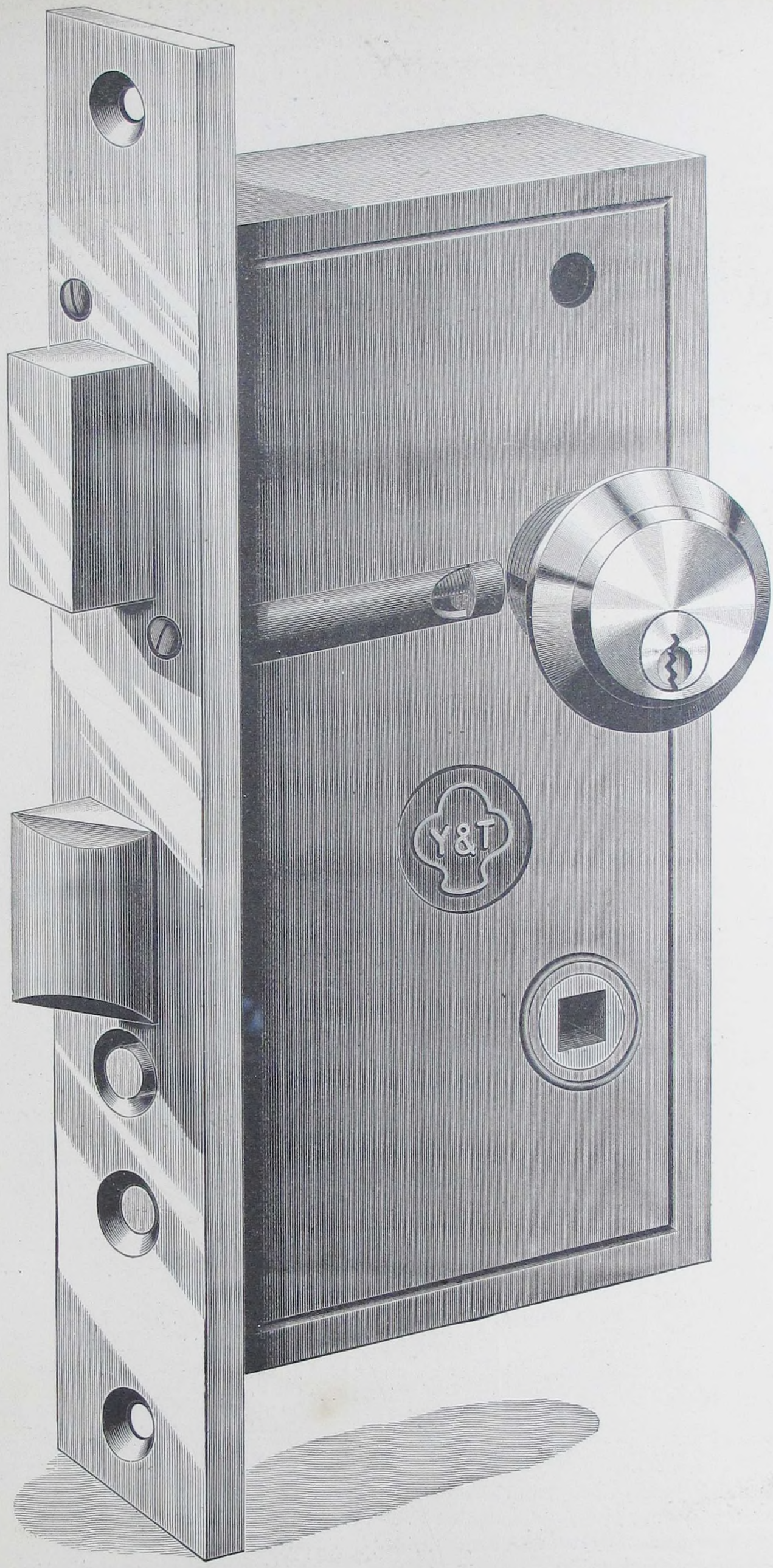
DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

***Special Bevel.** If special bevel is wanted, specify the bevel; see page 17 where directions for measuring bevel are given.

For designs of Escutcheon Plates and Knobs, see pages 104, 106 and 107.

For Extra wide locks, see page 104. **For Master and Extra Keys,** see Key Section.



Distance from edge of door to center of Hub and Escutcheons, 2¾ inches.

Thickness of Case, 1⅛ inches.

YALE MORTISE FRONT DOOR LOCKS, Nos. 220½ to 235½.

YALE

RABBETED

MORTISE

FRONT DOOR LOCKS,

WITH KEY-HOLE OVER KNOBS.

WITH NEW CORRUGATED KEYS.

For Use upon principal or outside doors of Residences, Public Buildings, etc.

Vestibule Latches, described on page 112 are designed to accompany the above, thus forming a set for use upon the front and vestibule doors of a house, and are furnished with keys to pass both locks, when so ordered.

Adjustable, as explained below. For mode of adjustment, see page 25.

Right or Left according to order, but **not adjustable** to right and left hand doors. See page 16.

Operated by a key stamped "A," which passes the lock **from both sides,** and a key "B," which operates **from the inside only.** See full description of lock on page 103.

Packed, each lock in a paper box, with 3 No. 6 "A" keys, and 2 No. 6 "B" keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Rabbet,** ½ inch. (See page 17.) **Case,** 7½ inches by 4¼ inches.

For same locks, with key-hole under knobs, see pages 110 and 111.

No.	For Doors (Thickness.)	Front.	Regular Escutcheon Plate.	Knobs.	Knob Roses.	Complete, with Furniture. Each.	Locks only, without Knobs and Plate. Each.
240½ 241½	1½ to 2⅜ ins. 2⅜ to 3⅛ ins.	Plated.	Plain, Plated (3½ by 11 ins,)	Plated. (No. 15½P.)	Plated.		
242½ 243½	1½ to 2⅜ ins. 2⅜ to 3⅛ ins.	Plain Bronze	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½P.)	Plated.		
250½ 251½	1½ to 2⅜ ins. 2⅜ to 3⅛ ins.	Ornamental Bronze.	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½)	Ornamental Bronze.		
252½ 253½	1½ to 2⅜ ins. 2⅜ to 3⅛ ins.	Plain Bronze	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
254½ 255½	1½ to 2⅜ ins. 2⅜ to 3⅛ ins.	Plain Bronze	Plain Bronze (3½ by 11 ins.)	Plain Bronze (No. 15½P.)	Plain Bronze		

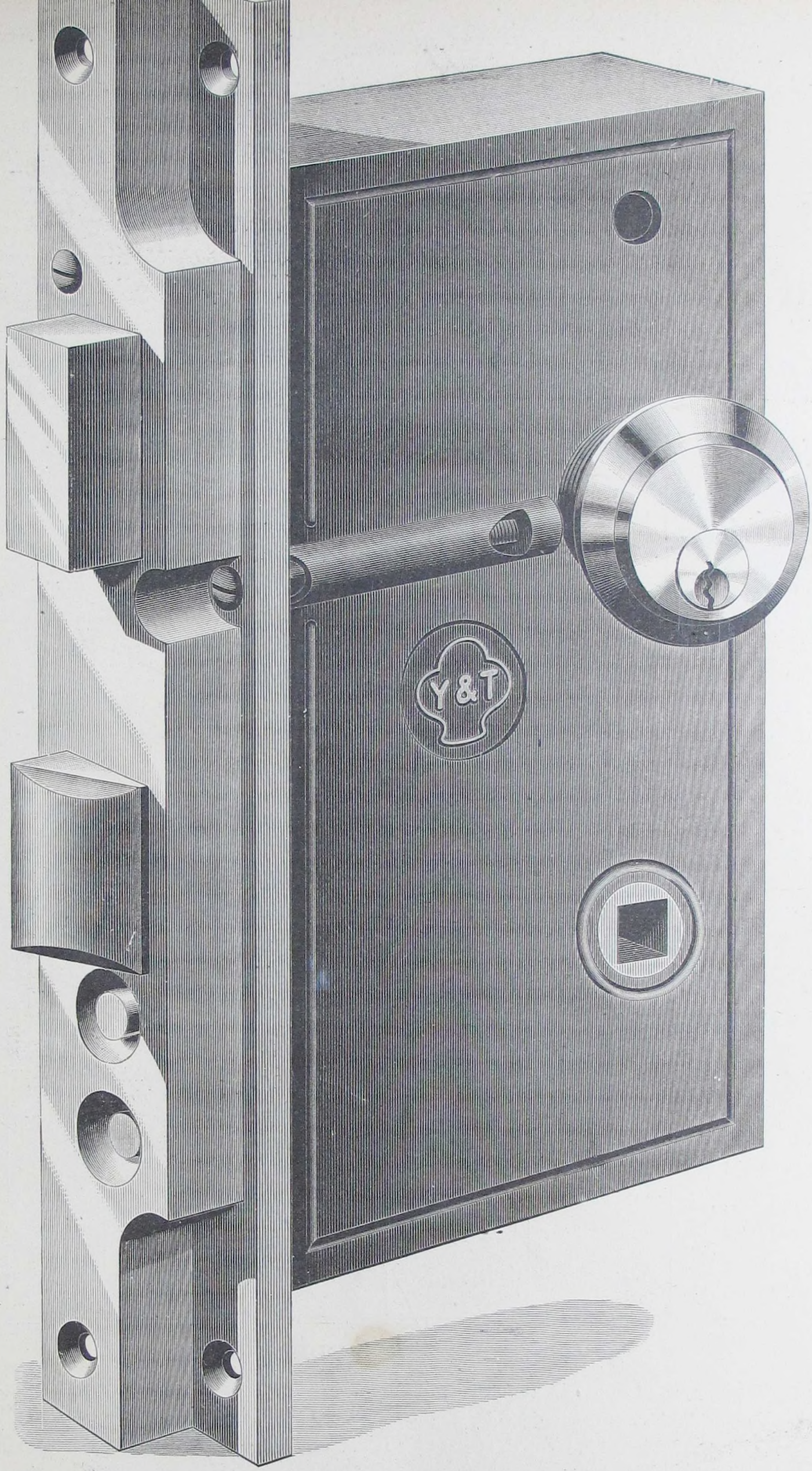
DIRECTIONS FOR ORDERING.

Locks for other thicknesses of door can be furnished to order.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For designs of Escutcheon Plates and Knobs, see pages 104, 106 and 107.

For Extra wide locks, see page 104. **For Master** and **Extra Keys,** see Key Section.



Distance from edge of door to center of Hub and Escutcheons, { One side, 3¼ inches. / Other side, 2¾ inches. } Rabbet, ½ inch.

(See page 17.)

Thickness of Case, 1⅛ inches.

YALE MORTISE FRONT DOOR LOCKS, (Rabbeted,) Nos. 240½ to 255½.

YALE

MORTISE

VESTIBULE LATCHES,

WITH KEY-HOLE UNDER KNOBS.

WITH NEW CORRUGATED KEYS.

For Use with Front Door locks, as described on page 110, **or may be used alone for Front or Outside doors when a dead lock is not required.**

Adjustable, as explained below. For mode of adjustment, see page 25.

Operated by a knob from the inside, and either by a knob or by the key from the outside, as desired. By setting the stop, the outer knob, which is attached to a swivel spindle, is prevented from being turned, and the latch can then only be opened from the outside by the key.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Bevel. The front of this lock is made regularly to a bevel of ¼ inch in 2¼ inches, but can be furnished with other bevels when so ordered.*

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 4¾ inches by 3¾ inches.

For same latches with key-hole over knobs, see pages 120 and 121.

No.	For Doors (Thickness.)	Front.	Regular Escutcheon Plate.	Knobs.	Knob Roses.	Complete, with Furniture. Each.	Locks only, without Knobs and Plate. Each.
260 261	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plated.	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½P.)	Plated.		
262 263	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½P.)	Plated.		
270 271	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Ornamental Bronze.	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
272 273	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
274 275	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plain Bronze (3½ by 11 ins.)	Plain Bronze (No. 15½P.)	Plain Bronze		

DIRECTIONS FOR ORDERING.

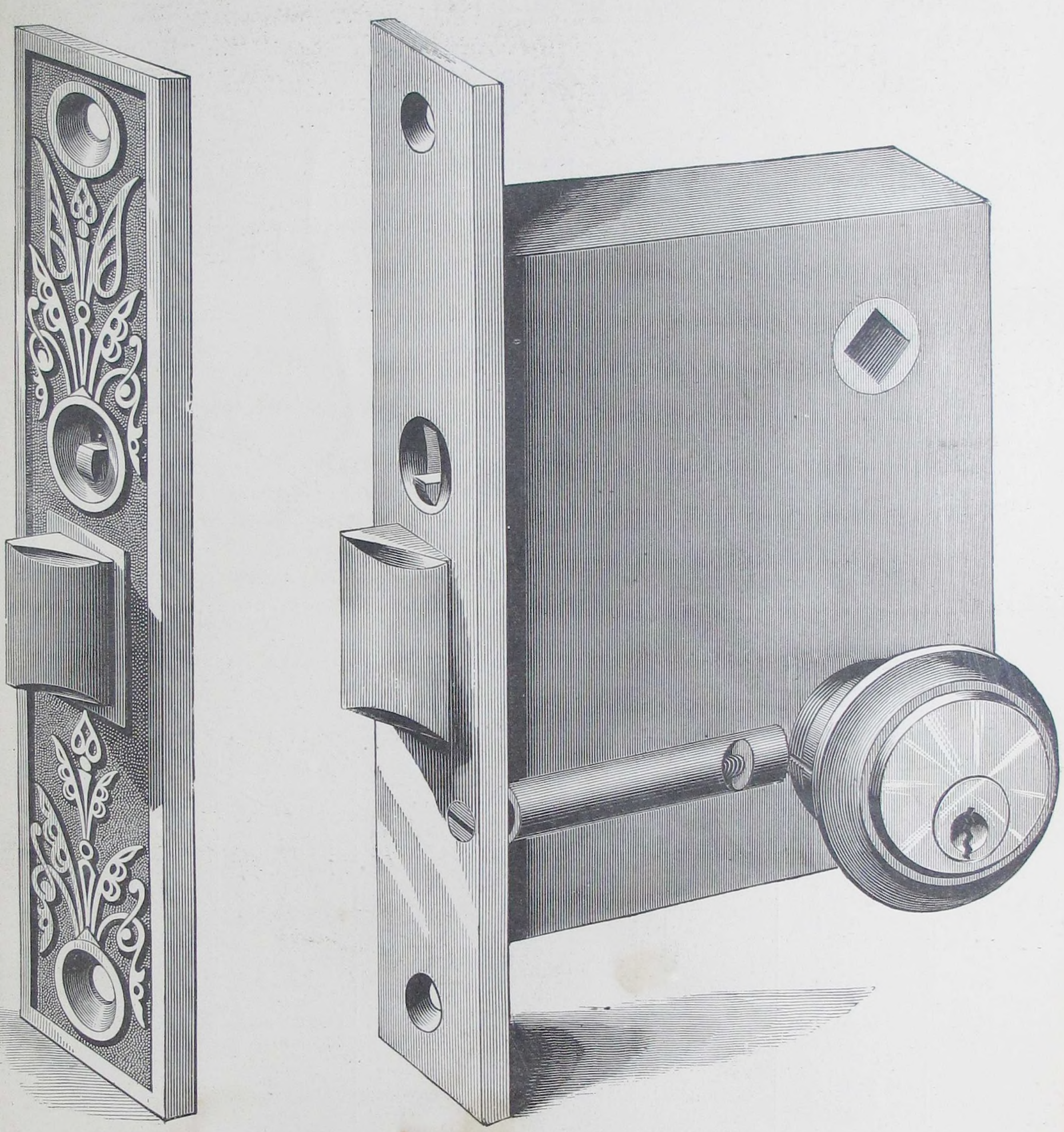
Locks for other thicknesses of door can be furnished to order.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

***Special Bevel.** If special bevel is wanted, specify the bevel, see page 17, where directions for measuring bevel is given.

For designs of Escutcheon Plates and Knobs, see pages 104, 106 and 107.

For Extra wide latches, see page 104. **For Master and Extra Keys,** see Key Section.



FRONT

For Nos. 270 and 271 Locks.

Distance from edge of door to center of Hub and Escutcheon, 2¾ inches.

Thickness of Case, 1⅛ inches.

YALE MORTISE VESTIBULE LATCHES, Nos. 260 to 275.

YALE

RABBETED

MORTISE

VESTIBULE LATCHES.

WITH KEY-HOLE UNDER KNOBS.

WITH NEW CORRUGATED KEYS.

For Use with Front Door locks, as described on page 110, **or may be used alone for Front or Outside doors when a dead lock is not required.**

Adjustable, as explained below. For mode of adjustment, see page 25.

Operated by a knob from the inside, and either by a knob or by the key from the outside, as desired. By setting the stop, the outer knob, which is attached to a swivel spindle, is prevented from being turned, and the latch can then only be opened from the outside by the key.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Rabbet,** ½ inch. (See page 17.) **Case,** 4¾ inches by 4¼ inches.

For same latches with key-hole over knobs, see pages 122 and 123.

No.	For Doors (Thickness.)	Front.	Regular Escutcheon Plate.	Knobs.	Knob Roses.	Complete, with Furniture. Each.	Locks only, without Knobs and Plate. Each.
280 281	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plated.	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½P.)	Plated.		
282 283	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½P.)	Plated.		
290 291	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Ornamental Bronze.	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
292 293	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
294 295	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plain Bronze (3½ by 11 ins.)	Plain Bronze (No. 15½P.)	Plain Bronze		

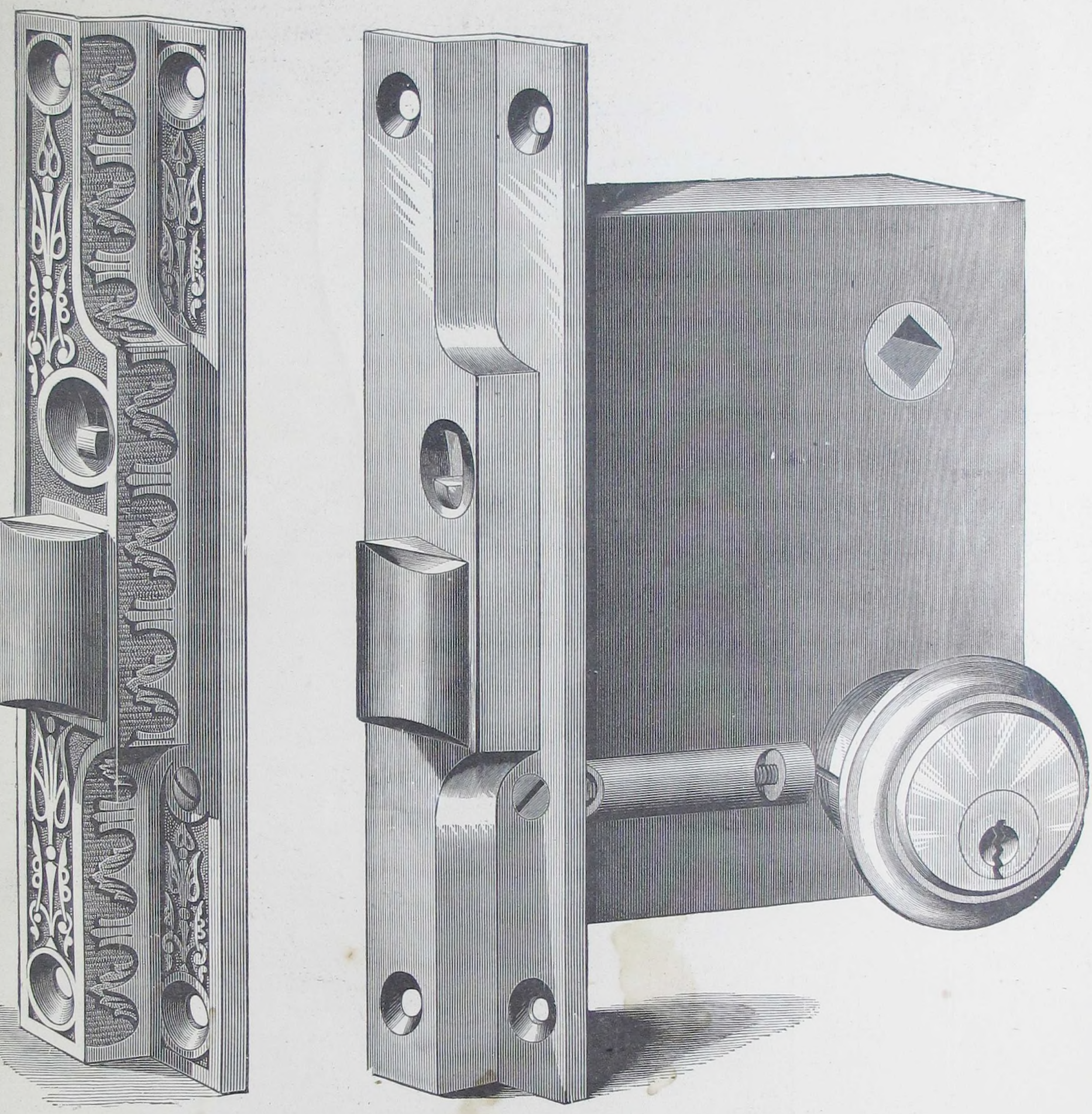
DIRECTIONS FOR ORDERING.

Locks for other thicknesses of door can be furnished to order.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For designs of Escutcheon Plates and Knobs, see pages 104, 106 and 107.

For Extra wide locks, see page 104. **For Master and Extra Keys,** see Key Section.



FRONT
For Nos. 290 and 291 Locks.

Distance from edge of door to center of Hub and Escutcheon, { One side, 3¼ inches. / Other side, 2¾ inches. } Rabbet ½ inch.
(See page 17.)

Thickness of Case, 1⅛ inches.

YALE MORTISE VESTIBULE LATCHES, Nos. 280 to 295.

[RABBETED.]

YALE

MORTISE

VESTIBULE LATCHES,

WITH KEY-HOLE OVER KNOB.

WITH NEW CORRUGATED KEYS.

For Use with Front Door locks, as described on page 112, **or may be used alone for Front or Outside doors when a dead lock is not required.**

Adjustable, as explained below. For mode of adjustment, see page 25.

Operated by a knob from the inside, and either by the knob or by the key from the outside, as desired. By setting the stop, the outer knob, which is attached to a swivel spindle, is prevented from being turned, and the latch can then only be opened from the outside by the key.

Right or **Left,** according to order, but **not adjustable** to right and left hand doors. See page 16.

Bevel. The front of this lock is made regularly to a bevel of ¼ inch in 2¼ inches, but can be furnished with other bevels when so ordered.*

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolt. **Case,** 5⅝ inches by 4¼ inches.

For same latches with key-hole under knobs, see pages 116 and 117.

No.	For Doors (Thickness.)	Front.	Regular Escutcheon Plate.	Knobs.	Knob Roses.	Complete, with Furniture. Each.	Locks only, without Knobs and Plate. Each.
260½ 261½	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plated.	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½P.)	Plated.		
262½ 263½	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½.P)	Plated.		
270½ 271½	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Ornamental Bronze.	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
272½ 273½	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
274½ 275½	1½ to 2⅜ ins. 2⅜ to 3⅜ ins.	Plain Bronze	Plain Bronze (3½ by 11 ins.)	Plain Bronze (No. 15½P.)	Plain Bronze		

DIRECTIONS FOR ORDERING.

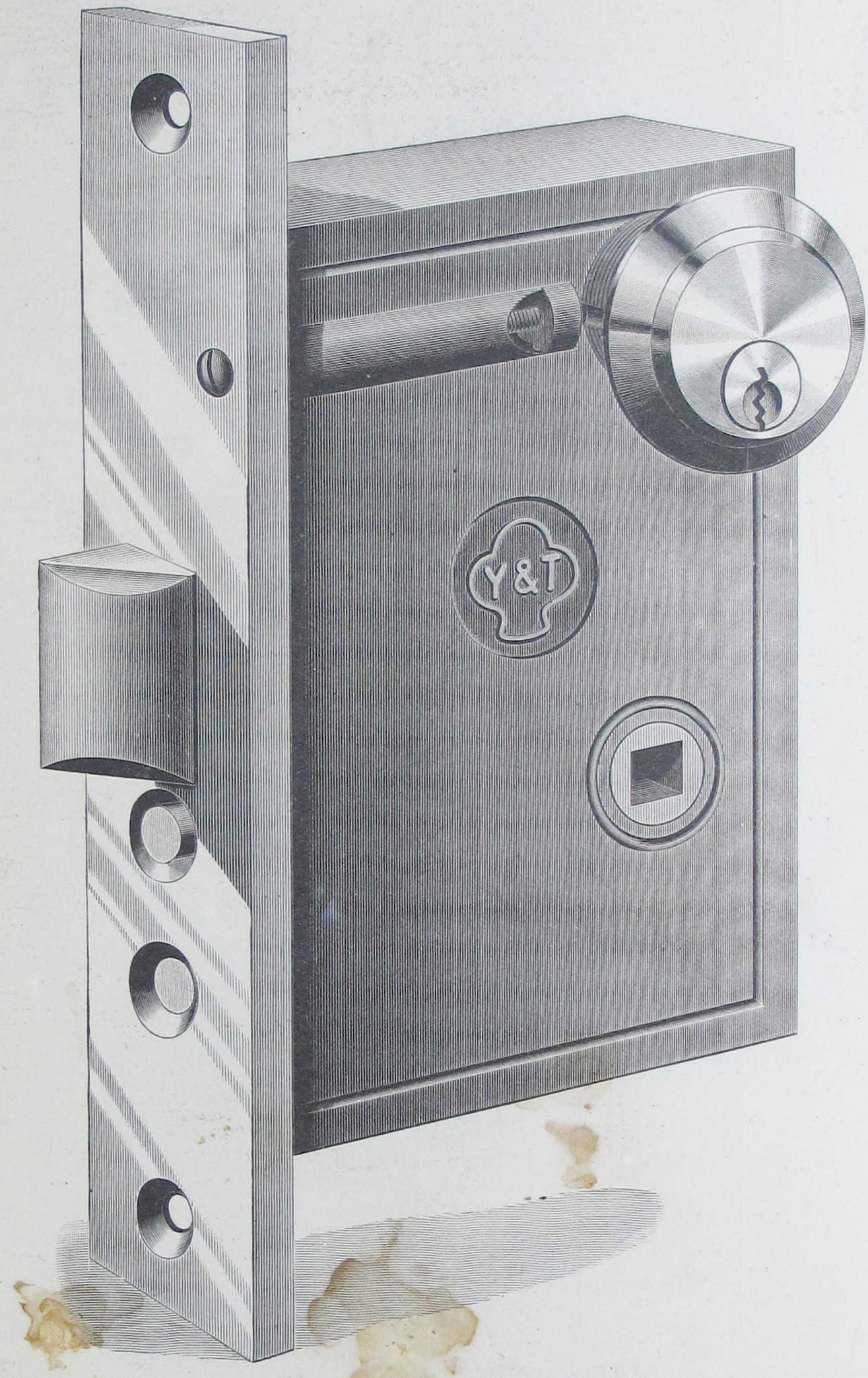
Locks for other thicknesses of door can be furnished to order.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

***Special Bevel.** If special bevel is wanted, specify the bevel, see page 17, where directions for measuring bevel is given.

For designs of Escutcheon Plates and Knobs, see pages 104, 106 and 107.

For Extra wide latches, see page 104. **For Master and Extra Keys,** see Key Section.



Distance from edge of door to center of Hub and Escutcheon, 2¾ inches.
Thickness of Case, 1⅛ inches.

YALE MORTISE VESTIBULE LATCHES, Nos. 260½ to 275½.

YALE

RABBETED

MORTISE

VESTIBULE LATCHES.

WITH KEY-HOLE OVER KNOBS.

WITH NEW CORRUGATED KEYS.

For Use with Front Door locks, as described on page 114, **or may be used alone for Front or Outside doors when a dead lock is not required.**

Adjustable, as explained below. For mode of adjustment, see page 25.

Operated by a knob from the inside, and either by a knob or by the key from the outside, as desired. By setting the stop, the outer knob, which is attached to a swivel spindle, is prevented from being turned, and the latch can then only be opened from the outside by the key.

Right or **Left** according to order, but **not adjustable** to right and left hand doors, see page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Heavy Bronze Bolts. **Rabbet,** ½ inch. (See page 17.) **Case,** 5⅝ inches by 4¼ inches

For same latches with key-hole under knobs, see pages 118 and 119.

No.	For Doors (Thickness.)	Front.	Regular Escutcheon Plate.	Knobs.	Knob Roses.	Complete, with Furniture. Each.	Locks only, without Knobs and Plates. Each.
280½	1½ to 2⅜ ins.	Plated.	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½P.)	Plated.		
281½	2⅜ to 3⅜ ins.						
282½	1½ to 2⅜ ins.	Plain Bronze	Plain, Plated (3½ by 11 ins.)	Plated. (No. 15½P.)	Plated.		
283½	2⅜ to 3⅜ ins.						
290½	1½ to 2⅜ ins.	Ornamental Bronze.	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
291½	2⅜ to 3⅜ ins.						
292½	1½ to 2⅜ ins.	Plain Bronze	Ornamental Bronze. (Gothic Design.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze.		
293½	2⅜ to 3⅜ ins.						
294½	1½ to 2⅜ ins.	Plain Bronze	Plain Bronze (3½ by 11 ins.)	Plain Bronze (No. 15½P.)	Plain Bronze		
295½	2⅜ to 3⅜ ins.						

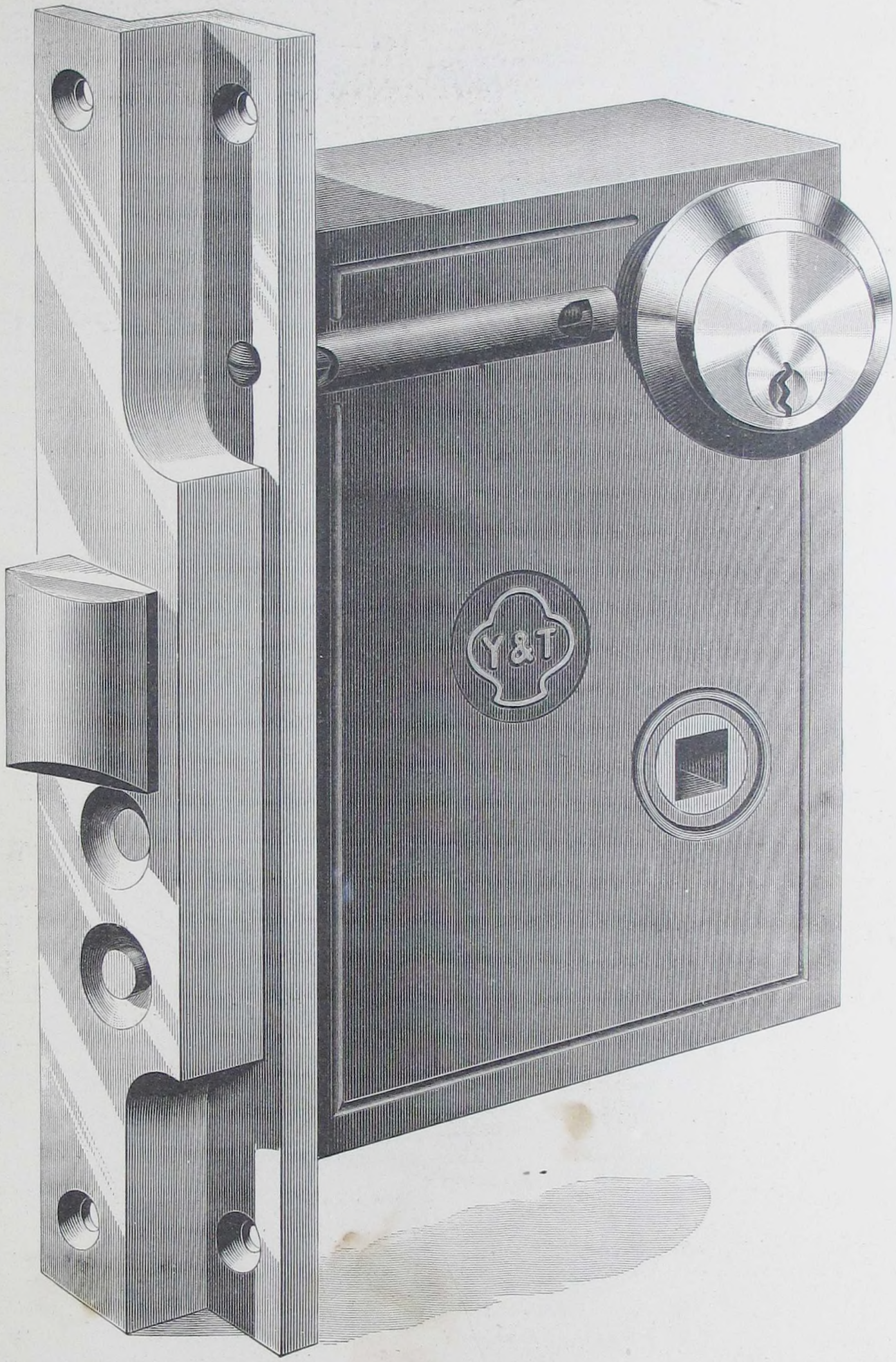
DIRECTIONS FOR ORDERING.

Locks for other thicknesses of door can be furnished to order.

Hand. State whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For designs of Escutcheon Plates and Knobs, see pages 104, 106 and 107.

For Extra wide locks, see page 104. **For Master** and **Extra Keys,** see Key Section.



Distance from edge of door to center of Hub and Escutcheon, { One side, 3¼ inches. / Other side, 2¾ inches. } Rabbet, ½ inch. (See page 17.)

Thickness of Case, 1⅛ inches.

YALE MORTISE VESTIBULE LATCHES, (Rabbeted,) Nos. 280½ to 295½.

COMBINED

STORE DOOR

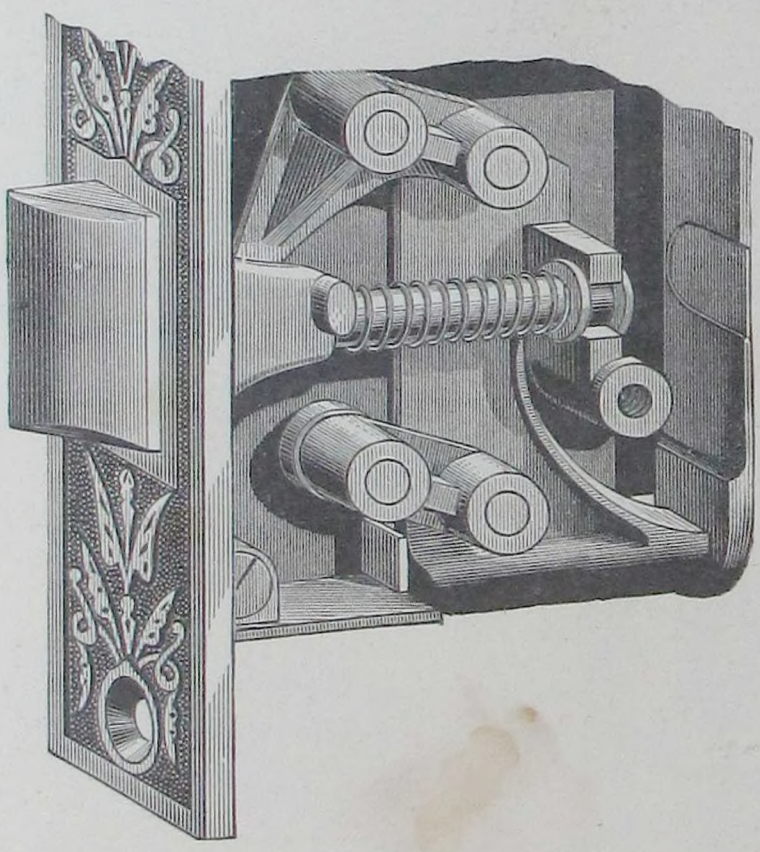
LOCKS AND LATCHES,

WITH HANDLES.

YALE, see pages 124 to 133. STANDARD, see pages 260 to 269.

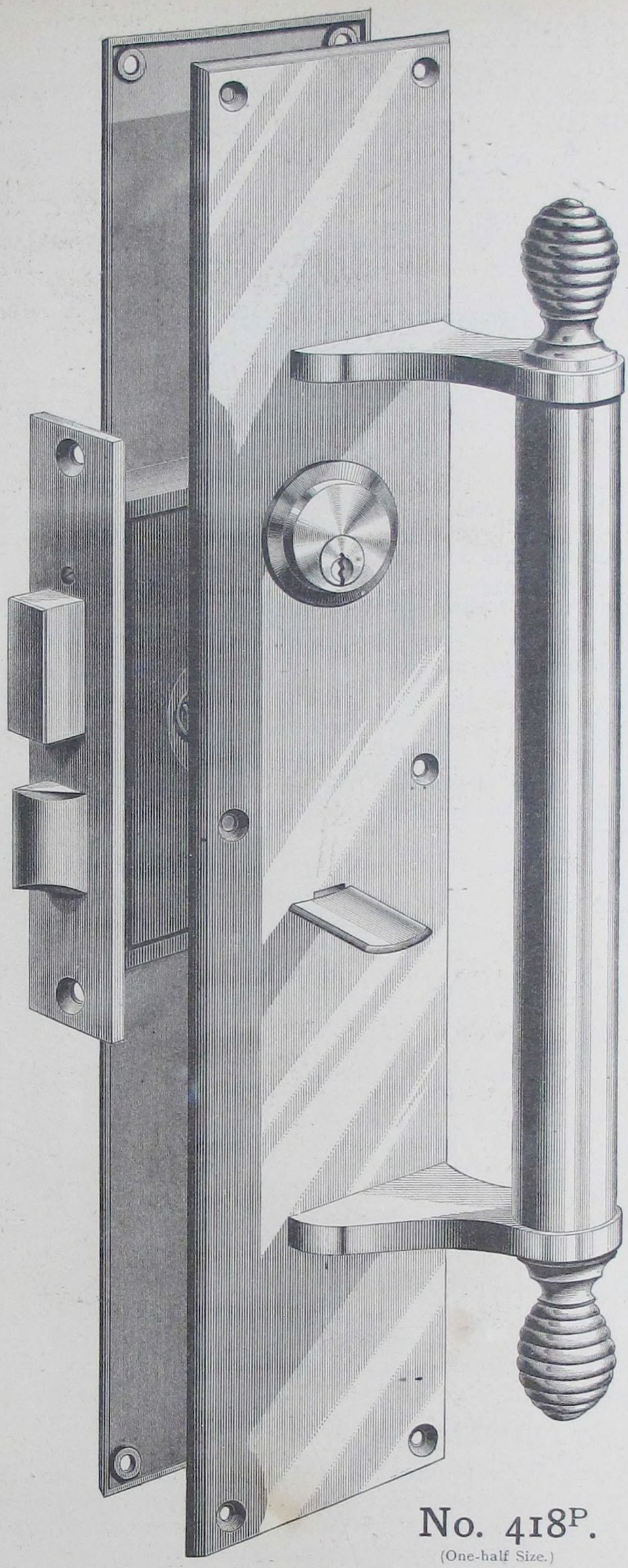
For Use on outer doors of Stores and Public Buildings. The thumb-pieces of the handle operate the latch bolt of the lock.

For Combined Store Door Locks and Latches, with Double-acting Latch Bolts, for swing doors, Yale, see pages 132 and 133. Standard, see pages 268 and 269.



(Illustration of Latch action, the upper portion of Lock being omitted.)

The Latch action, as shown in cut, is a great improvement on that heretofore used. It is a parallel motion, the parts of which move on turned bearings or centers, thus reducing the friction to a minimum.



No. 418P.

(One-half Size.)

Actual size of Plates, 18 × 3½ ins.

Distance from edge of door to center of Thumb-pieces and Escutcheons, 2¼ inches.

Thickness of Case, 1 inch.

YALE COMBINED STORE DOOR LOCKS & LATCHES, Nos. 418P and 419P

(For description, see page 128.)

YALE

COMBINED STORE DOOR

LOCKS AND LATCHES,

WITH HANDLES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores and Public Buildings.

Adjustable, as explained below. For mode of adjustment, see page 25. **Finish,** see below.

Operated by key and latch from **both sides of the door.**

Right and **Left. Straight front** locks are adjustable to right and left hand doors.

Right or **Left. Rabbeted front** locks are right or left, according to order, but are **not adjustable** to right and left hand doors. See page 16.

Packed, each lock with handles in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

For locks with Double Acting Latch Bolts, and with Plates and Handles as specified below, see page 132.

For Standard locks, with Handles, see pages 260 to 269.

Heavy Bronze Bolts. **Case,** 5 inches by 3 inches.

No.	For Doors (Thickness.)	Front.	Plates, Escutcheons and Handles.	Complete, with Single Handle. Per Set.	Complete, with Double Handles. Per Set.
414P	1½ to 2 ins.	Plain Bronze.	*Plain Bronze.		
415P	2 to 2⅝ ins.				
414L	1½ to 2 ins.	Plain Bronze.	Plain Bronze, Lined.		
415L	2 to 2⅝ ins.				
426P	1½ to 2 ins.	Plain Bronze.	Plain Bronze. (Plain Straight Handles.)		
427P	2 to 2⅝ ins.				
426S	1½ to 2 ins.	Plain Bronze.	Plain Bronze. (Spiral Handles.)		
427S	2 to 2⅝ ins.				
428	1½ to 2 ins.	Plain Bronze.	Ornamental Bronze.		
429	2 to 2⅝ ins.				

Made also Rabbeted, see Price List.

*No. 414P is same design as No. 414L, differing only in omission of the lines on the plates.

DIRECTIONS FOR ORDERING.

Locks for other thicknesses of door can be furnished to order.

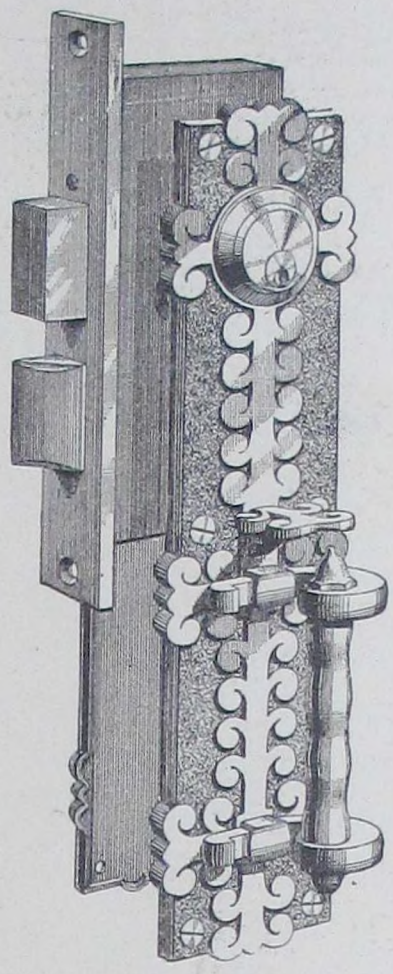
Finish, see pages 14 and 308. Handles and lock front will be furnished in Natural Color, Light Bronze, unless otherwise ordered. For same goods in rustless **Iron, Bower-Barff finish,** see page 308.

Double or Single. In ordering state whether **Double Handles,** (i. e., one on each side of door), or **Single Handle,** (i. e., a handle on outside and only the latch lever with small plate on inside), are wanted.

Rabbeted. For number of a rabbeted lock add 20 to number of corresponding straight front lock.

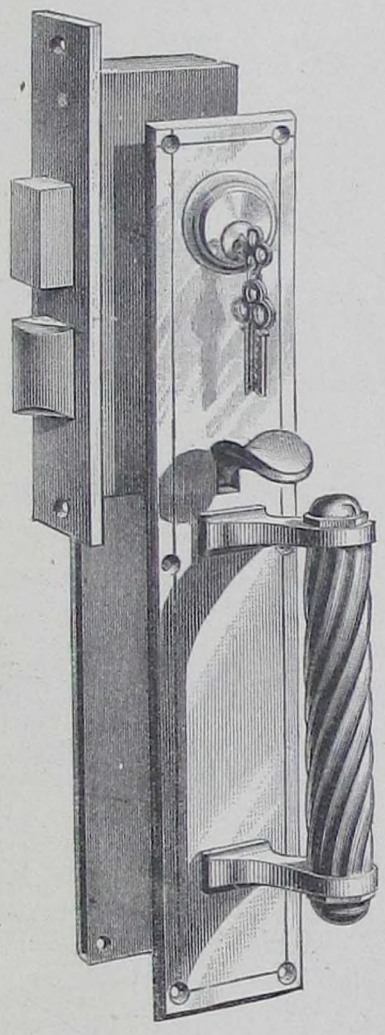
Hand. For **rabbeted** locks state whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For other Yale Combined Store Door locks and latches, with **Handles,** see pages 125 and 128 to 133.



No. 428.

Actual size of Plates, 14 x 3½ ins.



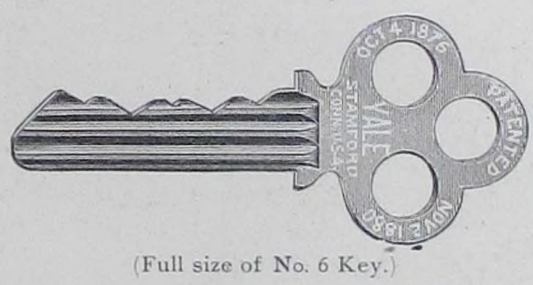
No. 426S.

Actual size of Plates, 13½ x 2¼ ins.

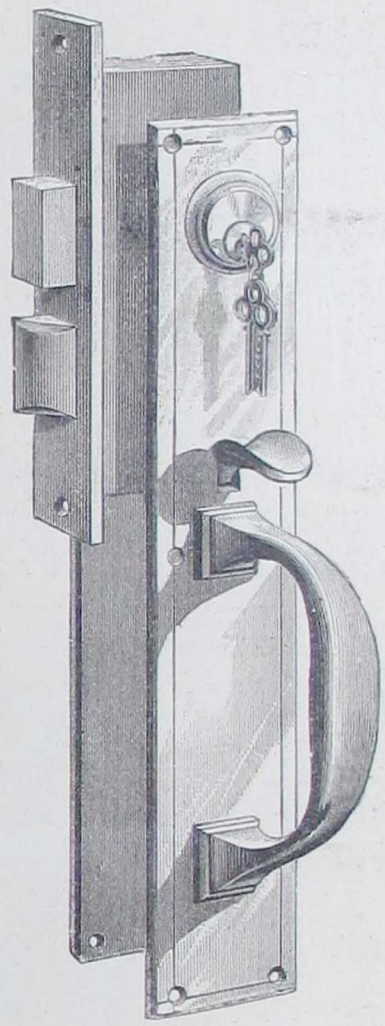
CUTS

1/4

ACTUAL SIZE.



(Full size of No. 6 Key.)



No. 414L.

Actual size of Plates, 13½ x 2¼ ins.

Distance from edge of door to center of Thumb-pieces and Escutcheons, 2¼ inches.

Thickness of Case, 1 inch.

YALE COMBINED STORE DOOR LOCKS AND LATCHES.

(WITH HANDLES.)

YALE

COMBINED STORE DOOR

LOCKS AND LATCHES,

WITH HANDLES.

WITH NEW CORRUGATED KEYS.

For Use on doors of Stores and Public Buildings.

Adjustable, as explained below. For mode of adjustment, see page 25. **Finish,** see below.

Operated by key and latch from **both sides of the door.**

Right and Left. Straight front locks are adjustable to right and left hand doors.

Right or Left. Rabbeted front locks are right or left, according to order, but are **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

For locks with Double Acting Latch Bolts, and with Plates and Handles as specified below, see page 132.

For Standard locks, with Handles, see pages 260 to 269.

Heavy Bronze Bolts. **Case,** 5 inches by 3 inches.

No.	For Doors (Thickness.)	Front.	Plates, Escutcheons and Handles.	Complete, with Single Handle, Per Set.	Complete, with Double Handles, Per Set.
418P	1½ to 2 ins.	Plain Bronze.	Plain Bronze.		
419P	2 to 2⅝ ins.				
416	1½ to 2 ins.	Plain Bronze.	Ornamental Bronze.		
417	2 to 2⅝ ins.				

Made also Rabbeted, see Price List.

For illustration of No. 418P, see page 125.

DIRECTIONS FOR ORDERING.

Locks for other thicknesses of door can be furnished to order.

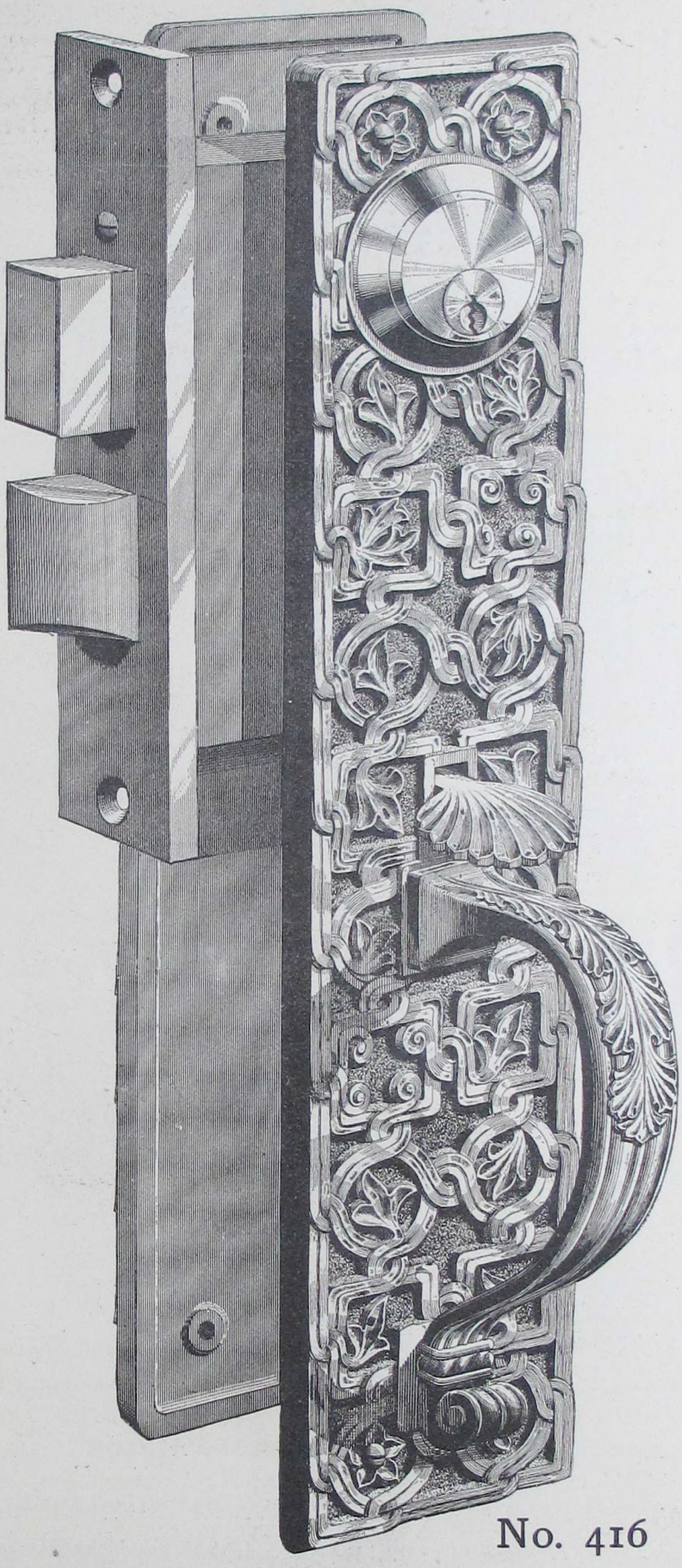
Finish, see pages 14 and 308. Handles and lock front will be furnished in Natural Color, Light Bronze, unless otherwise ordered. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

Double or Single. In ordering state whether **Double Handles,** (i. e., one each side of door), or **Single Handle,** (i. e., a handle on outside and only the latch lever with small plate on inside), are wanted.

Rabbeted. For number of a rabbeted lock add 20 to number of corresponding straight front lock.

Hand. For **rabbeted** locks state whether the locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For other Yale Combined Store Door locks and latches, with **Handles,** see pages 125 to 127 and 130 to 133.



2/3 ACTUAL SIZE.

No. 416

Distance from edge of door to center of Thumb-pieces and Escutcheons, 2¼ inches.
Thickness of Case, 1 inch.

YALE COMBINED STORE DOOR LOCKS AND LATCHES, Nos. 416 and 417
(WITH HANDLES.)

YALE

COMBINED

LOCKS AND LATCHES,

WITH BAR HANDLES.

For Use on doors of Public Buildings, etc.

Operated. Yale Mortise lock, No. 307, by key, and Special Standard Mortise latch, No. 1006, by latch, from **both sides of the door,** and may be used with dead lock or with latch only.

On double doors, the handle alone, as Bar Handle, without either lock or latch, but with dummy escutcheon, as shown on page 367, should be used on one door, in addition to the handle with lock and latch on the other door.

Right and Left. Can be adjusted at will both to right and left hand doors.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

Case of Lock, 4 inches by 4 inches.

Case of Latch, 6¼ inches by 4¼ inches.

Heavy Bronze Bolts.

Length of Plate, 24 inches.

Width of Plate, 4 inches.

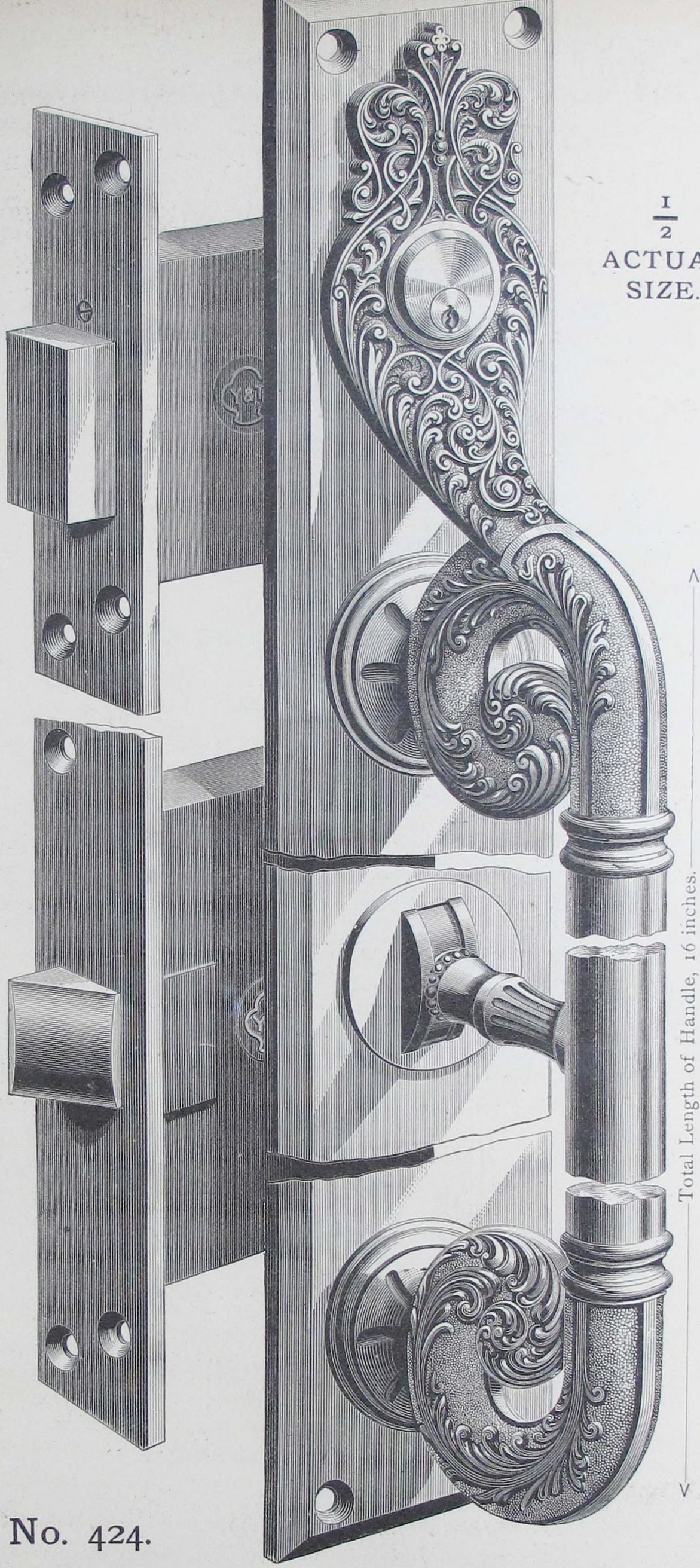
Length of Handle, 16 inches.

No.	Fronts of Lock and Latch.	Bar Handles.	Double Handles, With Lock and Latch. Per Set.	Double Handles, With Latch only. Per Set.	Double Handles, With Lock only. Per Set.
424	Plain Bronze.	Ornamental Bronze.			
424P	Plain Bronze.	Plain Bronze.			

DIRECTIONS FOR ORDERING.

When ordering, specify **bevel** and **thickness of door,** also whether with lock and latch or latch only.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.



No. 424.

Distance from edge of door to center of Escutcheon, 2¾ inch.
Thickness of Cases, 1¼ inches.

YALE COMBINED LOCKS AND LATCHES, Nos. 424 and 424P.
(WITH BAR HANDLES.)

YALE

DOUBLE-ACTING

COMBINED STORE DOOR

LOCKS AND LATCHES,

WITH HANDLES.

WITH NEW CORRUGATED KEYS.

For Use on swinging doors of Stores and Public Buildings.

Adjustable, as explained below. For mode of adjustment, see page 25. **Finish,** see below.

Operated by key and latch from **both sides of the door.**

Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 No. 6 keys, complete fittings, screws, and printed directions for putting on.

For Yale locks with Handles, without Double-Acting Latch Bolts, see pages 124 to 131.

For Standard locks with Handles, with and without Double-Acting Latch Bolts, see pages 260 to 269.

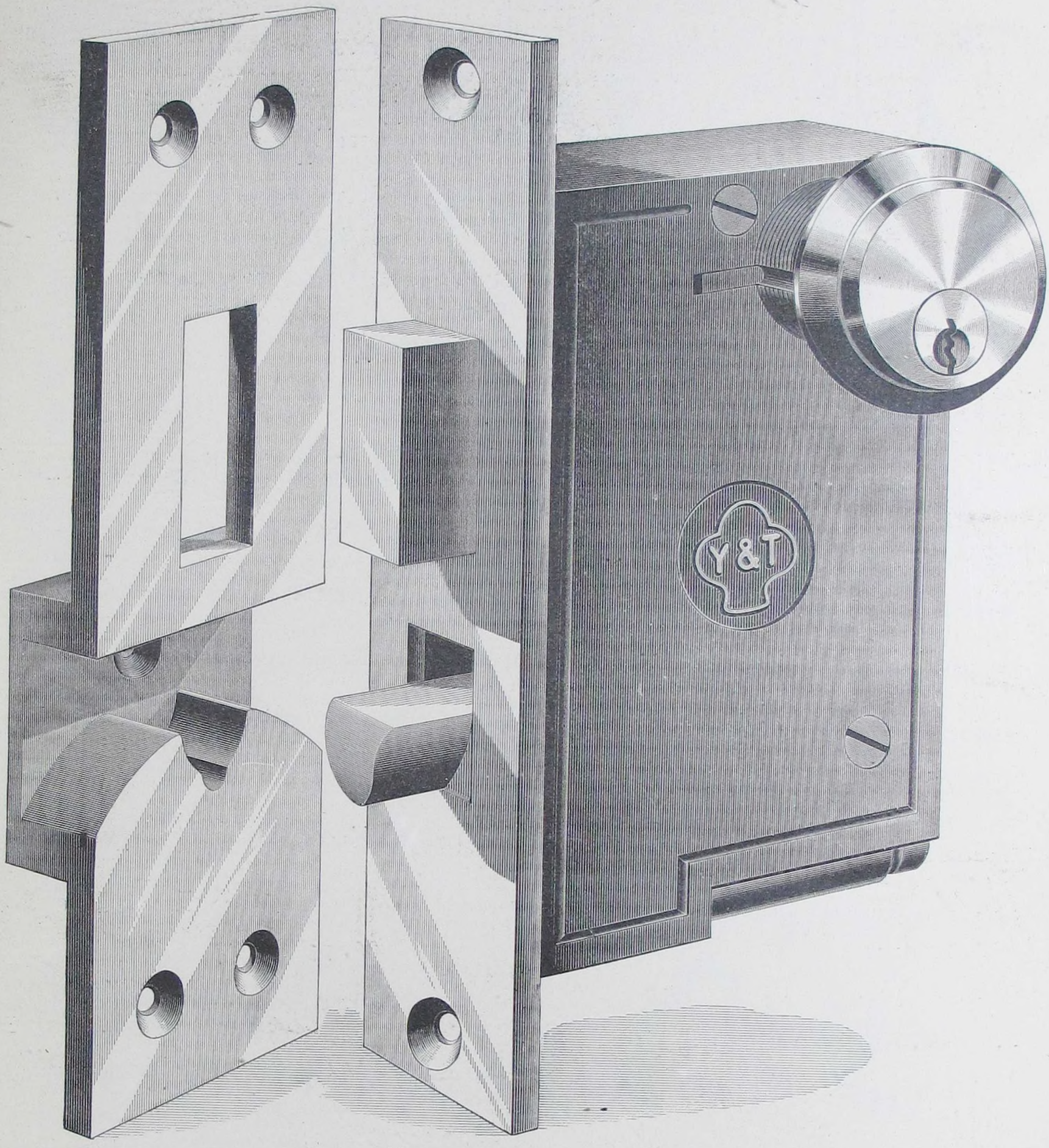
Heavy Bronze Bolts. **Case,** 5 inches by 3 inches.

No.	For Doors (Thickness.)	Front.	Plates, Escutcheons and Handles. (Same Design and Style as)	Complete, with Double Handles. Per Set.
414½ P	1½ to 2 ins.	Plain Bronze.	No. 414P, page 126.	
415½ P	2 to 2⅝ ins.		No. 415P, page 126.	
414½ L	1½ to 2 ins.	Plain Bronze.	No. 414L, page 127.	
415½ L	2 to 2⅝ ins.		No. 415L, page 127.	
416½	1½ to 2 ins.	Plain Bronze.	No. 416, page 129.	
417½	2 to 2⅝ ins.		No. 417, page 129.	
418½ P	1½ to 2 ins.	Plain Bronze	No. 418P, page 125.	
419½ P	2 to 2⅝ ins.		No. 419P, page 125.	
426½ P	1½ to 2 ins.	Plain Bronze.	No. 426P, page 126.	
427½ P	2 to 2⅝ ins.		No. 427P, page 126.	
426½ S	1½ to 2 ins.	Plain Bronze.	No. 426S, page 127.	
427½ S	2 to 2⅝ ins.		No. 427S, page 127.	
428½	1½ to 2 ins.	Plain Bronze.	No. 428, page 127.	
429½	2 to 2⅝ ins.		No. 429, page 127.	

DIRECTIONS FOR ORDERING.

Locks for other thicknesses of door can be furnished to order.

Finish, see pages 14 and 308. Plates, handles and lock front will be furnished in Natural Color, Light Bronze, unless otherwise ordered. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.



Distance from edge of door to center of Thumb-piece and Escutcheon, 2¼ inches.
Thickness of Case, 1 inch.

YALE DOUBLE-ACTING
COMBINED STORE DOOR LOCKS AND LATCHES,
(WITH HANDLES.)

YALE

CABINET LOCKS.

As explained on the following page this line of goods now includes **two series** of locks, the old and the new styles, each having distinctive qualities.

Both series are shown simultaneously in the following pages, the NEW on the left hand, and the OLD on the right hand pages, so that both styles of each kind of lock can be readily compared.

Special sizes of Drawer locks, of the new style, can be furnished to order at proportionate prices, provided they are ordered in reasonable quantities.

Sets of locks, alike to the same keys, or **different**, with Master keys, see page 297, can be furnished to order, and may include various kinds of locks, both Door and Cabinet.

THE STANDARD CABINET LOCKS

Are a less expensive, but also less secure, variety. See page 270 to 284.

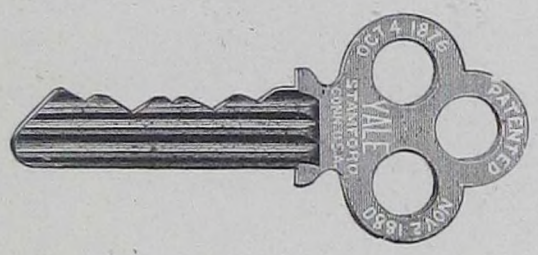
YALE

CABINET LOCKS,

A NEW AND EXTENSIVE LINE OF

FINE GOODS.

NEW STYLE.



(With new Corrugated Keys and large Nose.)

Having the improved construction of Key and Escutcheon, explained on pages 20 to 23, and a plain, round nose or escutcheon, 1⅛ inch diameter, requiring only a straight round hole in the wood.

Handsome in appearance and easy to put on.

OLD STYLE.

(With old style Flat Keys and small Nose.)

Having the original construction, with Flat Key, and with small nose, 9-16 inch diameter. The round part of nose, however, is quite short, the pin-chamber extending to within ¼ inch of its end, thus requiring careful cutting of the wood. Small and neat in appearance, but less easy to put on.

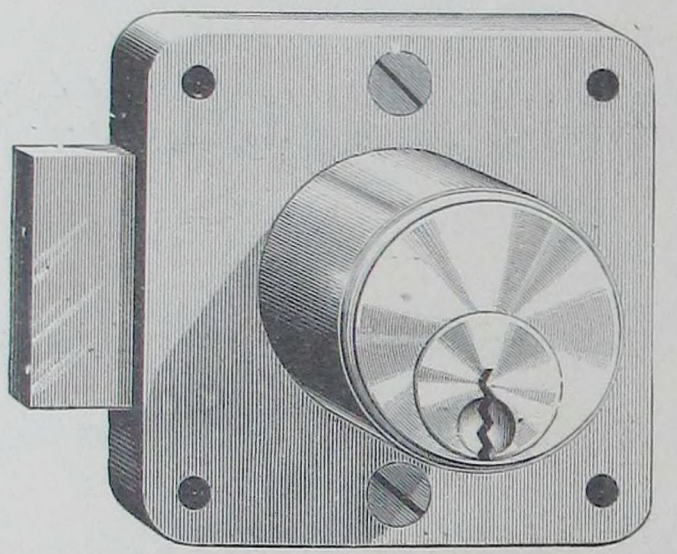
YALE

FINISHED BRASS

RIM CUPBOARD LOCKS,

Nos. 500 to 507.

WITH NEW CORRUGATED KEYS.



For Use on doors of Cupboards, Store Rooms, Book Cases, Closets, Buffets, and particularly adapted for Regalia and Wine Closets.

Length of Nose is measured from **front** of lock case to face of escutcheon.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 2 (Class No. 6) keys, and screws.

Material, All Brass. Case, 2 inches by 2 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
500	7/8 inch.	Finished Brass.	Plated.		
504	1 1/4 inch.				
506	1 1/2 inch.				
501	7/8 inch.	Finished Brass.	Brass.		
505	1 1/4 inch.				
507	1 1/2 inch.				

Sets. Furnished in sets, when so ordered, with keys alike, in which case one key only will be packed with each lock.

For Cupboard locks, with flat keys, see pages 137 and 139.

For Cupboard locks for narrow stiles, see pages 138 and 139.

For Standard Cupboard locks, see page 273. For Duplex Cupboard locks, see Duplex Section.

For Master and Extra Keys, see Key Section.

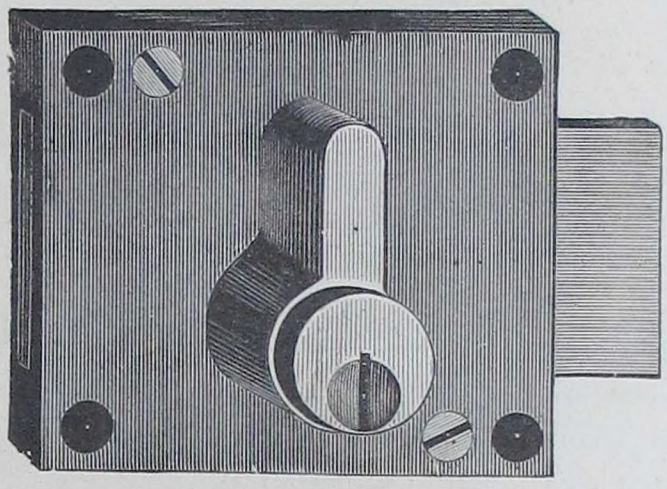
YALE

FINISHED BRASS

RIM CUPBOARD LOCKS,

Nos. 100 to 107.

WITH FLAT KEYS.



For Use on doors of Cupboards, Store Rooms, Book Cases, Closets, Buffets, and particularly adapted for Regalia and Wine Closets.

Length of Nose is measured from front of lock case to face of escutcheon.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 2 keys, (Class No. 3 for locks with 7/8 inch nose, and Class No. 2 for others.)

Material, All Brass. Case, 1¾ inches by 2 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
100	7/8 inch.	Finished Brass.	Plated.		
102	1⅛ inch.				
104	1¼ inch.				
106	1½ inch.				
101	7/8 inch.	Finished Brass.	Brass.		
103	1⅛ inch.				
105	1¼ inch.				
107	1½ inch.				

Sets. Furnished in sets, when so ordered, with keys alike, in which case one key only will be packed with each lock.

For Cupboard locks, with corrugated keys, see pages 136 and 138.

For Cupboard locks for narrow stiles, see pages 138 and 139.

For Standard Cupboard locks, see page 273.

For Duplex Cupboard locks, see Duplex Section.

For Nose Plates, see Bronze Goods Section.

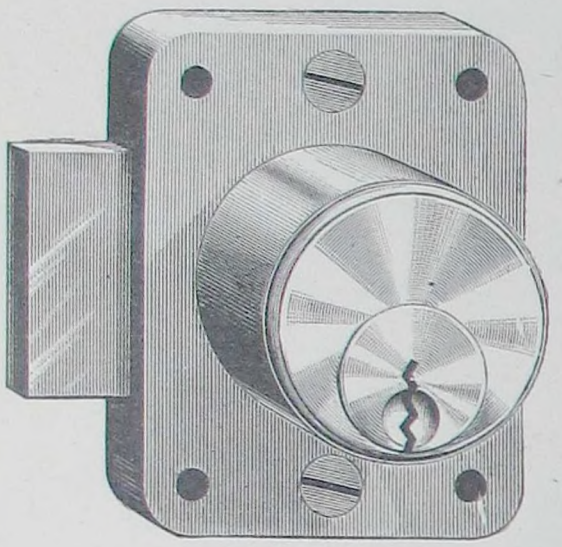
For Master and Extra Keys, see Key Section.

YALE

FINISHED BRASS

RIM CUPBOARD LOCKS,

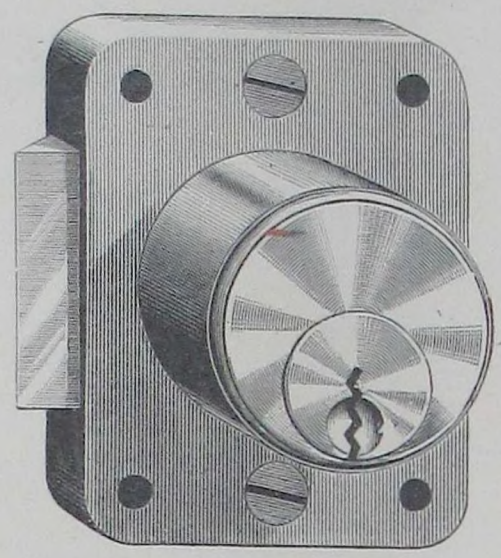
Nos. 510 to 517.



DEAD LOCK.
Nos. 510 to 517.

FOR NARROW STILES.

WITH NEW CORRUGATED KEYS.



SPRING LOCK. (Right Hand)
Nos. 510S to 517S.

For Use on doors of Cupboards, Store Rooms, Book Cases, Closets, Buffets, and particularly adapted for Regalia and Wine Closets.

Length of Nose is measured from **front** of lock case to face of escutcheon.

Right and Left. **Dead locks** can be adjusted at will both to right and left hand doors.

Right or Left. **Spring locks** are right and left, according to order, but are **not adjustable** to right and left hand doors.

Packed, each lock in a paper box, with 2 keys, (Nos. 510 and 511 locks take No. 7 key, the others Class No. 6 key), and screws. The spring locks with strike also.

Material, All Brass. Case, 2 inches by 1½ inches.

No.	Length of Nose.	Case.	Nose.	DEAD.		SPRING.	
				Per Dozen.	Each.	Per Dozen.	Each.
510	¾ inch.	Finished Brass	Plated.				
512	⅞ inch.						
516	1¼ inch.						
511	¾ inch.	Finished Brass	Brass.				
513	⅞ inch.						
517	1¼ inch.						

DIRECTIONS FOR ORDERING.

Hand. In ordering **spring locks** state whether the locks are intended for **right hand** or **left hand** doors, and add letter **S** to number of lock. See page 16.

Sets. Furnished in sets when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For Cupboard locks, with **flat keys,** see pages 137 and 139.

For Cupboard locks for wider stiles, see pages 136 and 137.

For Standard Cupboard locks, see page 273.

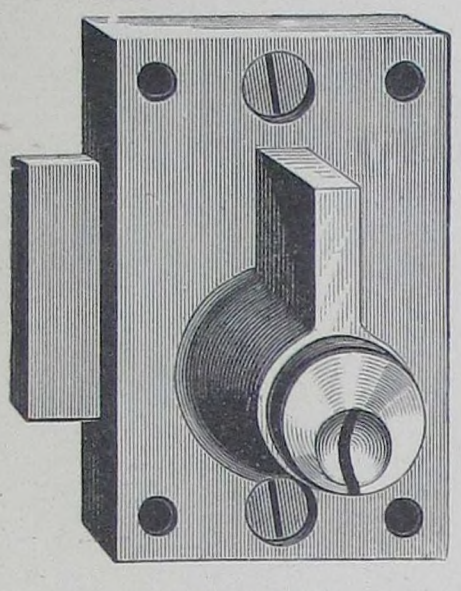
For Duplex Cupboard locks, see Duplex Section. **For Master** and **Extra Keys,** see Key Section.

YALE

FINISHED BRASS

RIM CUPBOARD LOCKS,

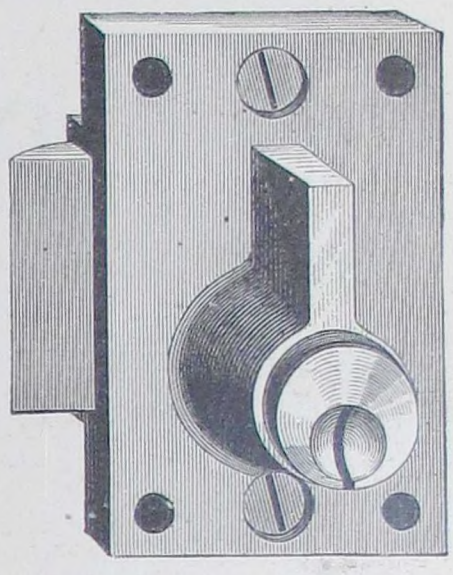
Nos. 110 to 117.



DEAD LOCK.
Nos. 110 to 117.

FOR NARROW STILES.

WITH FLAT KEYS.



SPRING LOCK. (Right Hand)
Nos. 110S to 117S.

For Use on doors of Cupboards, Store Rooms, Book Cases, Closets, Buffets, and particularly adapted for Regalia and Wine Closets.

Length of Nose is measured from **front** of lock case to face of escutcheon.

Right and Left. Dead locks can be adjusted at will both to right and left hands.

Right or Left. Spring locks are right or left, according to order, but are **not adjustable** to right or left hand doors.

Packed, each lock in a paper box, with 2 (Class No. 2) keys and screws. The spring locks with strike also.

Material, All Brass. **Case,** 2 inches by 1¼ inches.

No.	Length of Nose.	Case.	Nose.	DEAD.		SPRING.	
				Per Dozen.	Each.	Per Dozen.	Each.
110	⅞ inch.	Finished Brass	Plated.				
112	1 inch.						
114	1⅛ inch.						
116	1¼ inch.						
111	⅞ inch.	Finished Brass	Brass.				
113	1 inch.						
115	1⅛ inch.						
117	1¼ inch.						

DIRECTIONS FOR ORDERING.

Hand. In ordering **spring locks** state whether the locks are intended for **right hand** or **left hand** doors, and add letter **S** to number of lock. See page 16.

Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For Cupboard locks, with **corrugated keys,** see pages 136 and 138.

For Cupboard locks for wider stiles, see pages 136 and 137.

For Standard Cupboard locks, see page 273.

For Duplex Cupboard locks, see Duplex Section.

For Nose Plates, see Bronze Goods Section.

For Master and Extra Keys, see Key Section.

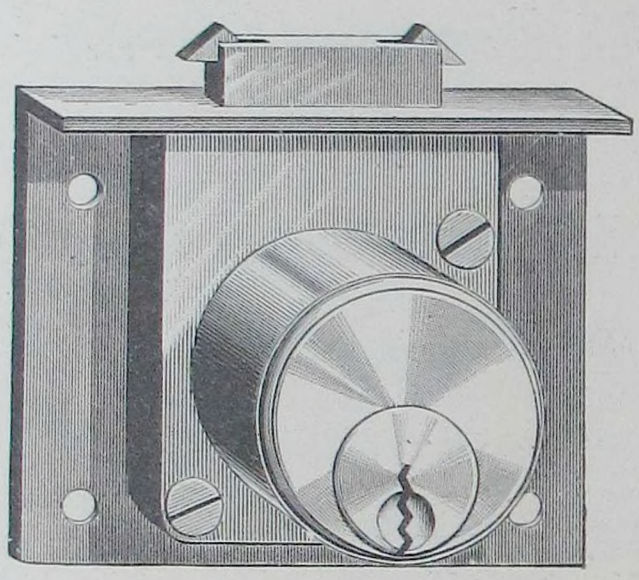
YALE

FINISHED BRASS

DESK LOCKS,

Nos. 540 to 543.

WITH NEW CORRUGATED KEYS.



For Use on Desks and Cash Boxes.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box with 2 keys, (Class No. 6 for locks with 7/8 inch nose, and Class No. 7 for 3/4 inch nose), and strike.

Material, All Brass. Drop, 1 inch. Size, 1 7/8 inches by 2 1/4 inches.

No.	Length of Nose,	Case.	Nose.	Per Dozen.	Each.
540 542	3/4 inch. 7/8 inch.	Finished Brass.	Plated.		
541 543	3/4 inch. 7/8 inch.	Finished Brass.	Brass.		

Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For Desk locks, with flat keys, see page 141.

For Combination Desk or Tin Box locks, see page 522.

For Combination Drawer locks, see page 524.

For Standard Desk locks, see pages 272 and 274.

For Master and Extra Keys, see Key Section.

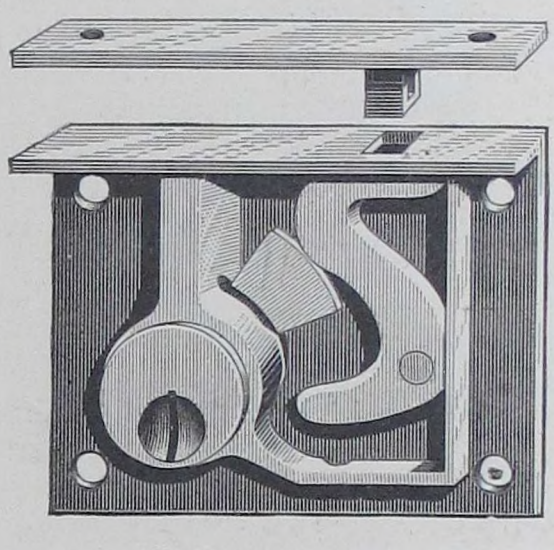
YALE

FINISHED BRASS

DESK LOCKS,

Nos. 140 to 143.

WITH FLAT KEYS.



For Use on Desks and Cash Boxes.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 2 (Class No. 3) keys, and screws.

Material, All Brass. **Drop,** 7/8 inch. **Size,** 1 5/8 inches by 2 1/8 inches.

No.	Length of Nose,	Case.	Nose.	Per Dozen.	Each.
140	7/8 inch.	Finished Brass.	Plated.		
142	1 inch.				
141	7/8 inch.	Finished Brass.	Brass.		
143	1 inch.				

Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For Desk locks, with **corrugated keys,** see page 140.

For Nose Plates, see Bronze Goods Section.

For Combination Drawer locks, see page 524.

For Standard Desk locks, see pages 272 and 274.

For Combination Desk or Tin Box locks, see page 522.

For Master and **Extra Keys,** see Key Section.

YALE

SPECIAL

DESK LOCK.

WITH NEW CORRUGATED KEYS.

For Use on Desk, Buffet, Cupboard ahd Sliding doors.

Operated as a spring latch, **by the handle.** By means of the key, the latch bolt can be dead-locked, so that the handle will not operate.

Right or **Left,** according to order, but **not adjustable** to right and left hand doors.

Adjustable, as explained below. **Material,** All Bronze.

Packed, each lock in a paper box, with 3 No. 6 keys, 1 T handle, strike and screws.

Heavy Bronze Bolt. **Size,** 4¾ inches by 2½ inches.

No.	For Doors (Thickness.)	Front.	Escutcheon and T Handle.	Per Dozen.
792	1 to 1¼ ins.	Plain Bronze.	Ornamental Bronze.	
793	1¼ to 1½ ins.	Plain Bronze.	Ornamental Bronze.	
Extra or "Dummy" T Handle with screw shank, for use with double doors, Per dozen, $				

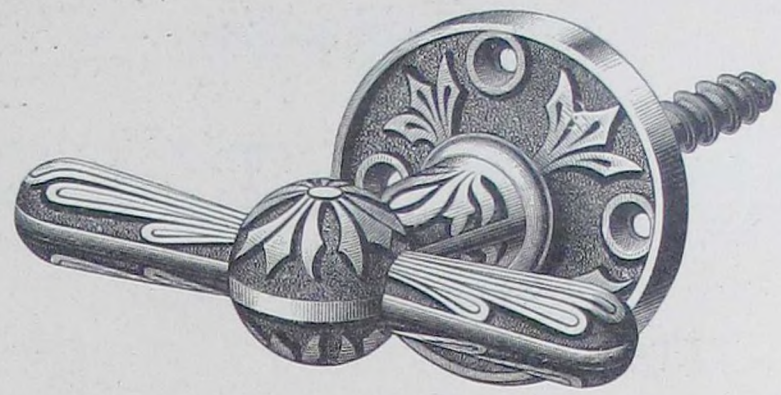
Locks for other thicknesses of door can be furnished to order.

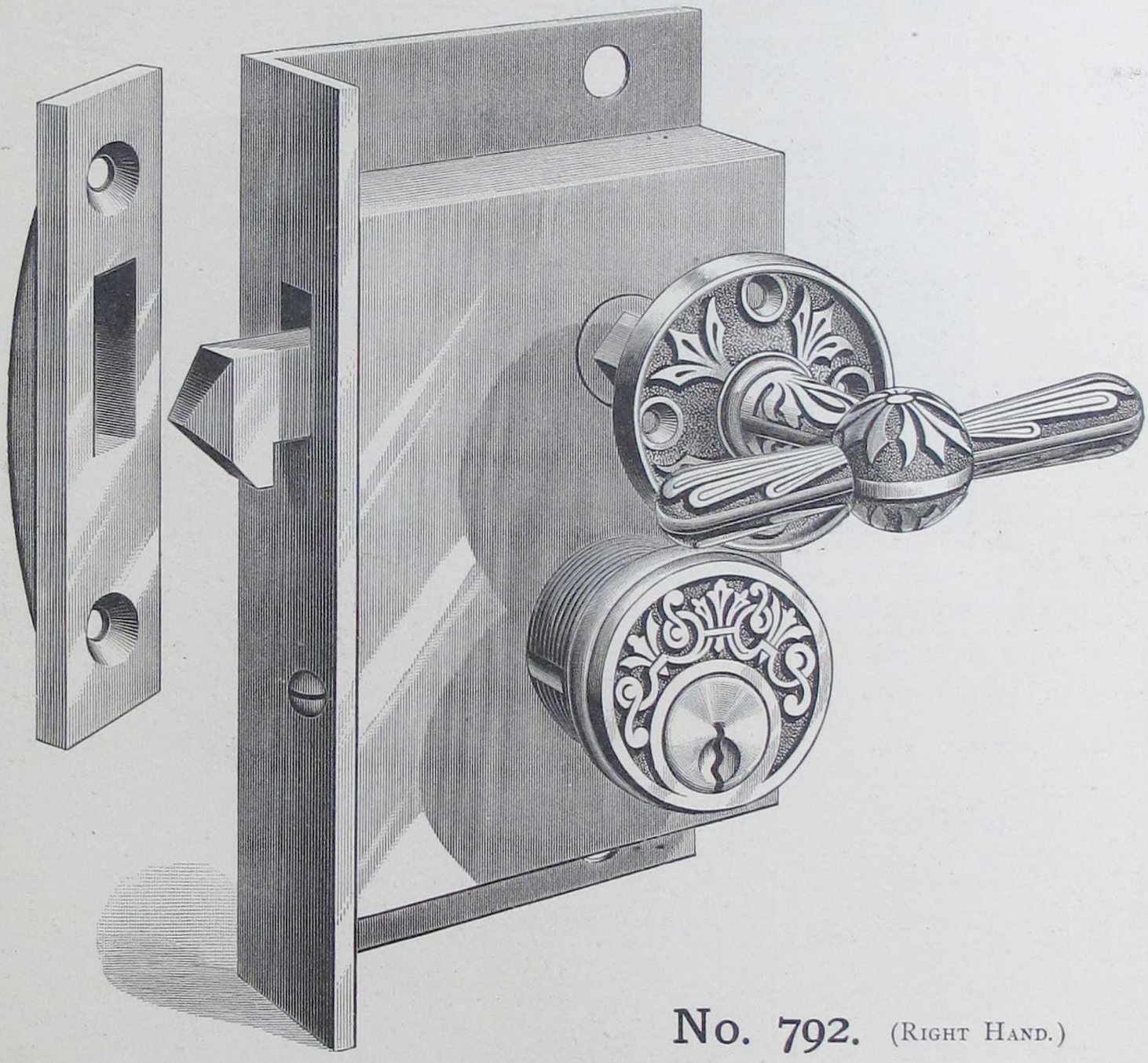
Hand. State whether locks are intended for right hand or left hand doors. See following page.

For other Yale Desk locks, see pages 140 and 141. **For Standard Desk locks,** see pages 272 and 274.

For Combination Desk or Tin Box locks, see page 522.

For Combination Drawer locks, see page 524. **For Master** and **Extra Keys,** see Key Section.





No. 792. (Right Hand.)

YALE SPECIAL DESK LOCK AND LATCH, Nos. 792 and 793.

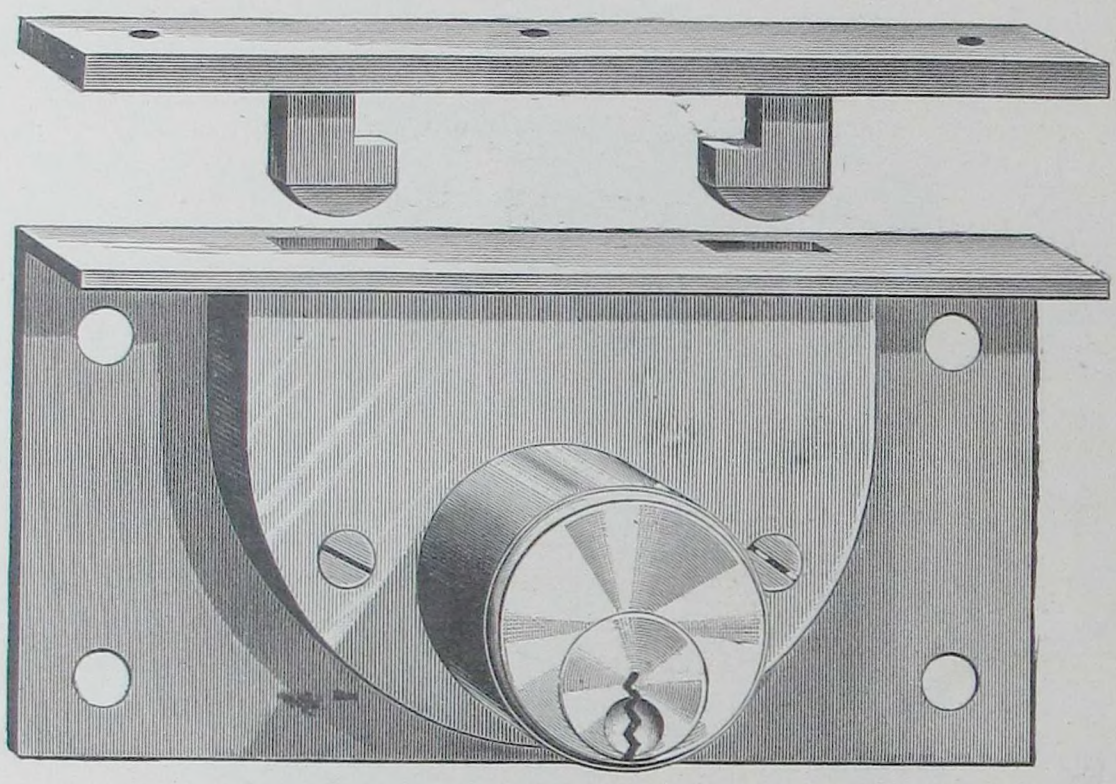
YALE

FINISHED BRASS

FLUSH CHEST LOCKS,

Nos. 520 to 525.

WITH NEW CORRUGATED KEYS.



For Use on Carpenters', Machinists', Carpet, Blanket, Clothes and Silver Plate Chests.

Length of Nose is measured from back of lock to face of escutcheon.

Packed, each lock in a paper box, with 2 (Class No. 6) keys and screws.

Material, All Brass. Drop, 1¼ inch. Size, 2 inches by 4 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
520	1¼ inch.	Finished Brass.	Plated.		
522	1½ inch.				
524	1¾ inch.				
521	1¼ inch.	Finished Brass.	Brass.		
523	1½ inch.				
525	1¾ inch.				

For smaller Chest locks, with corrugated key, see page 146.

For Chest locks, with flat key, see page 145.

For Standard Chest locks, see page 283. For Master and Extra Keys, see Key Section.

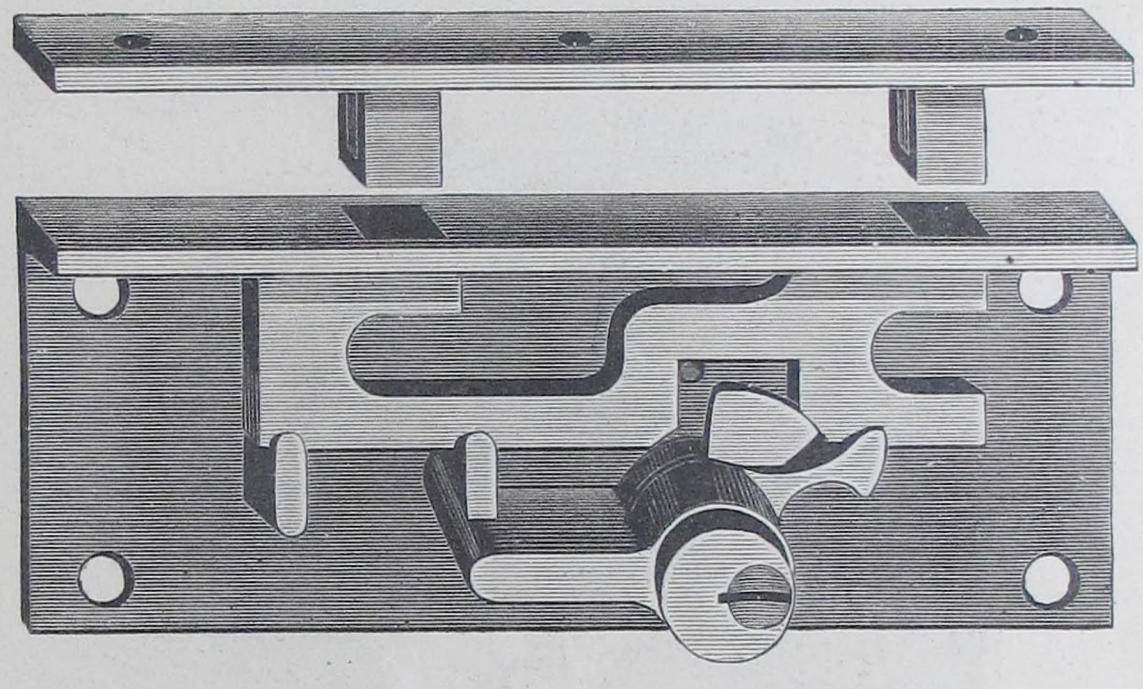
YALE

FINISHED BRASS

FLUSH CHEST LOCKS,

Nos. 120 to 125.

WITH FLAT KEYS.



For Use on Carpenters', Machinists,' Carpet, Blanket, Clothes and Silver Plate Chests.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 2 (Class No. 4) keys, and link plate.

Material, All Brass. **Drop,** 1 3/8 inches. **Size,** 1 3/4 inches by 4 1/4 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
120	1 1/4 inches.	Finished Brass.	Plated.		
122	1 1/2 inches.				
124	1 3/4 inches.				
121	1 1/4 inches.	Finished Brass.	Brass.		
123	1 1/2 inches.				
125	1 3/4 inches.				

For Chest locks, with **corrugated keys,** see page 144.

For Standard Chest locks, see page 283.

For Master and **Extra Keys,** see Key Section.

For Nose Plates, see Bronze Goods Section.

YALE

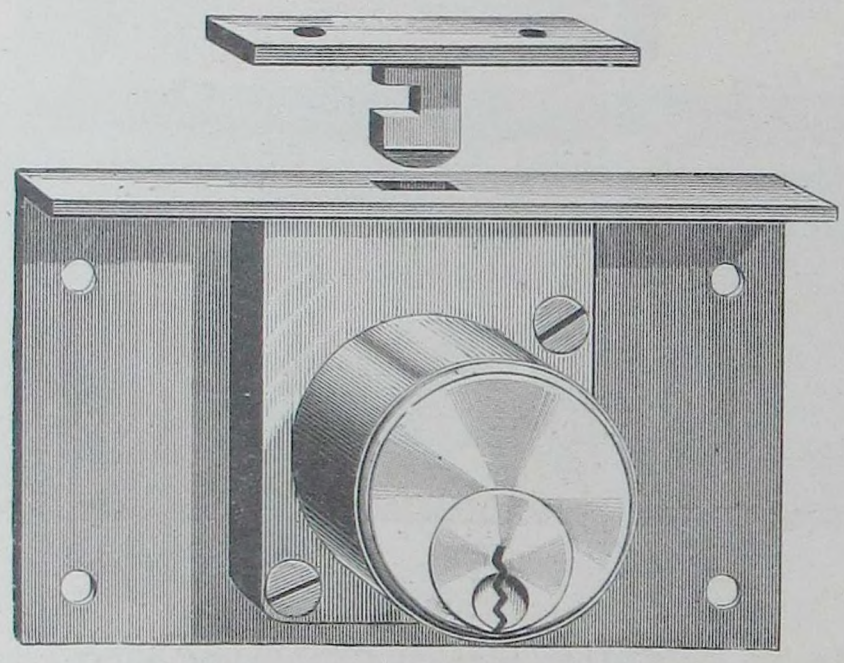
FINISHED BRASS

CHEST AND BOX LOCKS,

Nos. 5240 to 5243.

SMALL PATTERN.

WITH NEW CORRUGATED KEYS.



For Use on Carpenters', Machinists', Carpet, Blanket, Clothes and Silver Plate Chests and Boxes.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 2 keys, (Class No. 6 for locks with 7/8 inch nose, and Class No. 7 for 3/4 inch nose), and link plate.

Material, All Brass. **Drop,** 1 inch. **Size,** 1 7/8 inches by 3 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
5240 5242	3/4 inch. 7/8 inch.	Finished Brass.	Plated.		
5241 5243	3/4 inch. 7/8 inch.	Finished Brass.	Brass.		

Locks with other lengths of nose can be made to order.

For larger Chest locks, with **corrugated keys,** see page 144. **For Standard Chest locks,** see page 283.

For Chest locks, with **flat keys,** see page 145. **For Master** and **Extra Keys,** see Key Section.

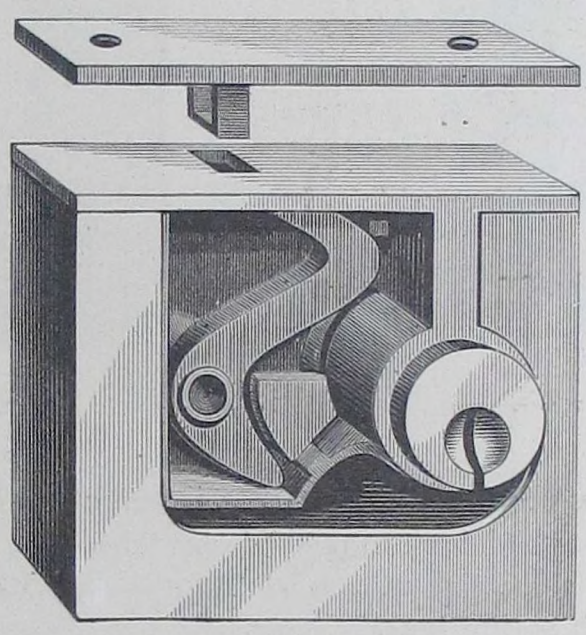
YALE

FINISHED BRASS

TIN BOX LOCKS,

Nos. 150 and 151.

WITH FLAT KEYS.



For Use on Cash, Safe Deposit and Bank Boxes.

Packed, each lock in a paper box, with 2 (Class No. 3) keys, and link plate.

Material, All Brass. **Drop,** 7/8 inch. **Size,** 1 5/8 inches by 2 inches.

No.	Case.	Nose.	Per Dozen.	Each.
150	Finished Brass.	Plated.		
151	Finished Brass.	Brass.		

Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For Master and **Extra Keys,** see Key Section.

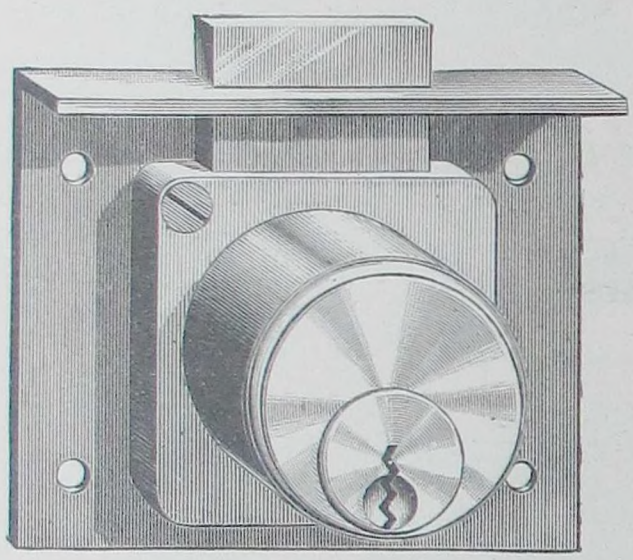
YALE

FINISHED BRASS

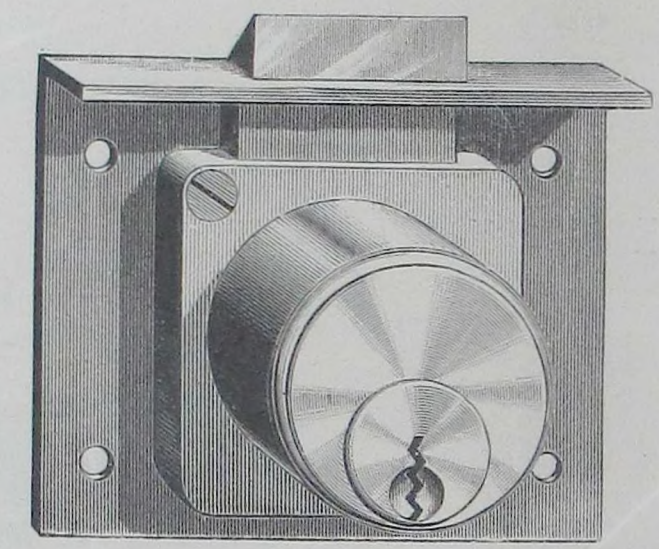
DRAWER LOCKS,

Nos. 560 to 563S.

WITH NEW CORRUGATED KEYS.



DEAD LOCK.
Nos. 560 to 563.



SPRING LOCK.
Nos. 562S and 563S.

For Use on Drawers of all kinds, including Cash and Post Office Drawers.
Length of Nose is measured from back of lock to face of escutcheon.
Packed, each lock in a paper box, with 2 keys, (Class No. 6 for locks with 7/8 inch nose, and Class No. 7 for 3/4 inch nose), and strike with spring lock.
Material, All Brass. Drop, 1 inch. Size, 1 7/8 inches by 2 1/4 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
560 562	3/4 inch. 7/8 inch.	Finished Brass.	Plated.		
561 563	3/4 inch. 7/8 inch.	Finished Brass.	Brass.		
		WITH SPRING BOLT.			
562S	7/8 inch.	Finished Brass.	Plated.		
563S	7/8 inch.	Finished Brass.	Brass.		

Locks with other lengths of nose can be made to order.
Sets. Furnished in sets, when so ordered, with keys alike, in which case one key only will be packed with each lock.

For other sizes of Drawer locks, with corrugated keys, see pages 150, 152 and 154 to 156.
For Drawer locks, with flat keys, see pages 149, 151 and 153.
For Standard Drawer locks, see pages 273 and 276 to 282.
For Duplex Drawer locks, see Duplex Section. For Master and Extra Keys, see Key Section.

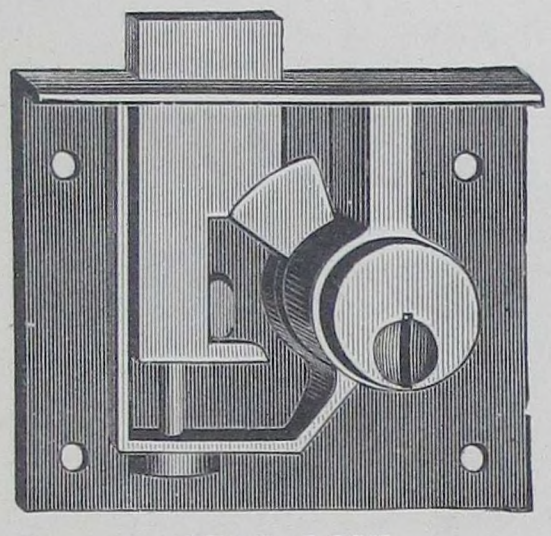
YALE

FINISHED BRASS

DRAWER LOCKS,

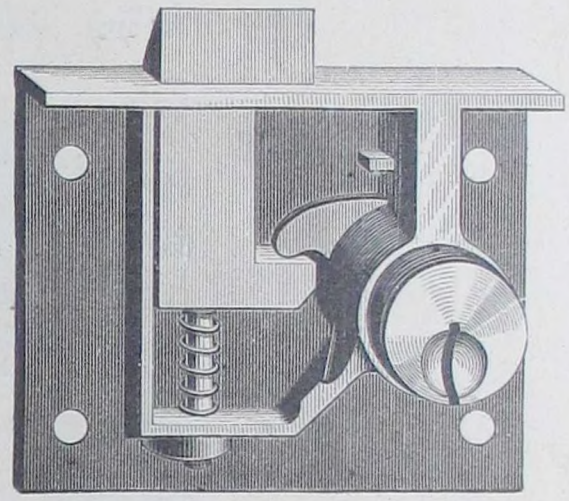
Nos. 160 to 165.

WITH FLAT KEYS.



DEAD LOCK.

Nos. 160 to 165.



SPRING LOCK.

Nos. 160S and 161S.

For Use on Drawers of all kinds, including Cash and Post Office Drawers.
Length of Nose is measured from **back** of lock to face of escutcheon.
Packed, each lock in a paper box, with 2 (Class No. 3) keys, and strike with spring lock.
Material, All Brass. **Drop,** 7/8 inch. **Size,** 1 5/8 inches by 2 1/8 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
160	7/8 inch.	Finished Brass.	Plated.		
162	1 inch.				
164	3/4 inch.				
161	7/8 inch.	Finished Brass.	Brass.		
163	1 inch.				
165	3/4 inch.				
WITH SPRING BOLT.					
160S	7/8 inch.	Finished Brass.	Plated.		
161S	7/8 inch.	Finished Brass.	Brass.		

Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For other sizes of Drawer locks, with **flat keys,** see pages 151 and 153.
For Drawer locks, with **corrugated keys,** see pages 148, 150, 152 and 154 to 156.
For Standard Drawer locks, see pages 273 and 276 to 282.
For Duplex Drawer locks, see Duplex Section.
For Nose Plates, see Bronze Goods Section. **For Master** and **Extra Keys,** see Key Section.

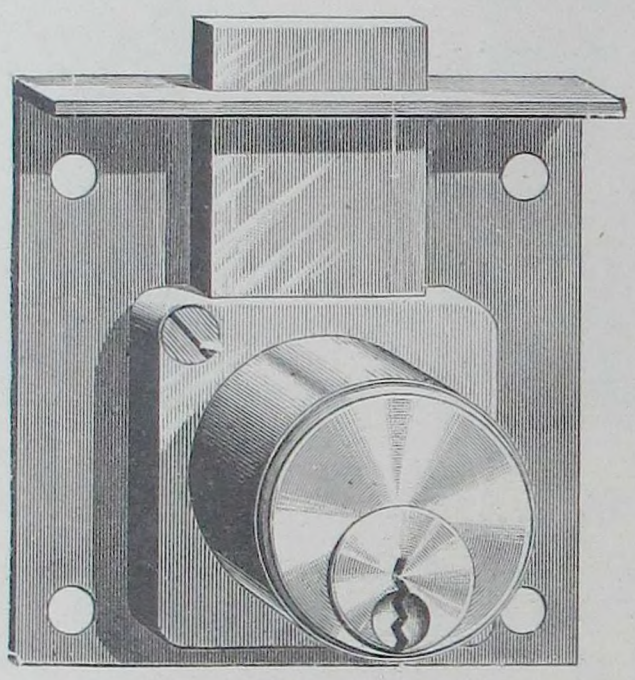
YALE

FINISHED BRASS

DRAWER LOCKS,

Nos. 570 to 573.

WITH NEW CORRUGATED KEYS.



For Use on Drawers of all kinds, including Cash and Post Office Drawers.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 2 keys, (Class No. 6 for locks with 7/8 inch nose, and Class No. 7 for 3/4 inch nose.)

Material, All Brass. **Drop,** 1 1/2 inches. **Size,** 2 3/8 inches by 2 1/4 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
570 572	3/4 inch. 7/8 inch.	Finished Brass.	Plated.		
571 573	3/4 inch. 7/8 inch.	Finished Brass.	Brass.		

Locks with other lengths of nose can be made to order.

Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For other sizes of Drawer locks, with **corrugated keys,** see pages 148, 152 and 154 to 156.

For Drawer locks, with **flat keys,** see pages 149, 151 and 153.

For Standard Drawer locks, see pages 273 and 276 to 282.

For Duplex Drawer locks, see Duplex Section. **For Master and Extra Keys,** see Key Section.

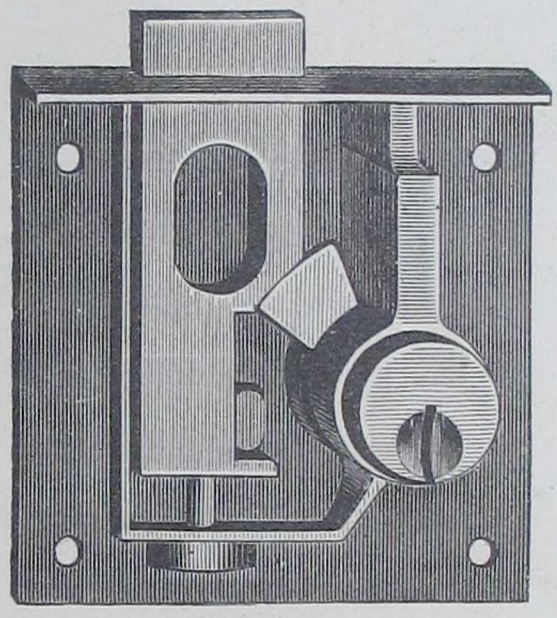
YALE

FINISHED BRASS

DRAWER LOCKS,

Nos. 170 to 173.

WITH FLAT KEYS.



For Use on Drawers of all kinds, including Cash and Post Office Drawers.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 2 (Class No. 3) keys.

Material, All Brass. **Drop,** 1¼ inches. **Size,** 2 inches by 2 inches.

No	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
170 172	⅞ inch. 1 inch.	Finished Brass.	Plated.		
171 173	⅞ inch. 1 inch.	Finished Brass.	Brass.		

Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For other sizes of Drawer locks, with **flat keys,** see pages 149 and 153.

For Drawer locks, with **corrugated keys,** see pages 148, 150, 152 and 154 to 156.

For Standard Drawer locks, see pages 273 and 276 to 282. **For Master** and **Extra Keys,** see Key Section.

For Duplex Drawer locks, see Duplex Section. **For Nose Plates,** see Bronze Good Section.

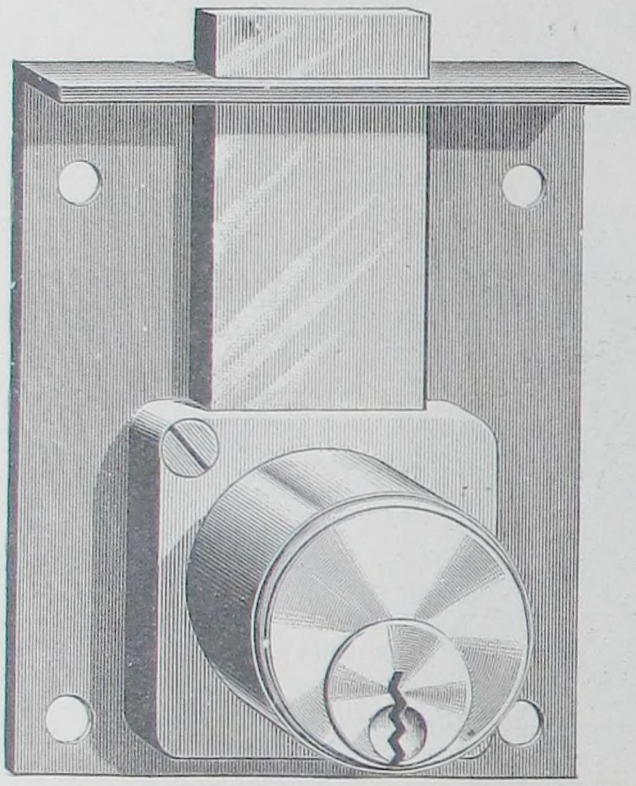
YALE

FINISHED BRASS

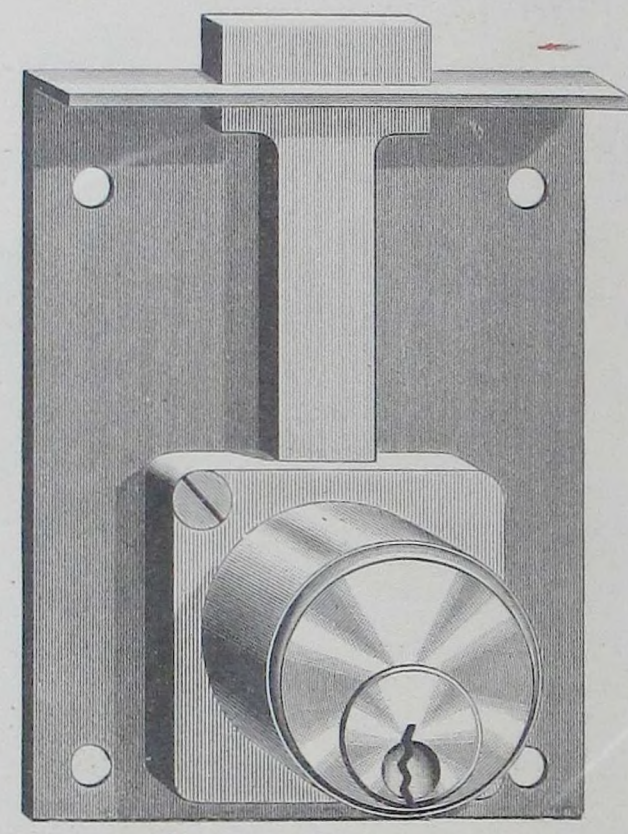
DRAWER LOCKS,

Nos. 580 to 587.

WITH NEW CORRUGATED KEYS.



Nos. 580 to 583.



Nos. 584 to 587.

For Use on Drawers of all kinds, including Cash and Post Office Drawers.
Length of Nose is measured from **back** of lock to face of escutcheon.
Packed, each lock in a paper box, with 2 keys, (Class No. 6 for locks with 7/8 inch nose, and Class No. 7 for 3/4 inch nose.)

Nos. 580 to 583. Material, All Brass. Drop, 2 inches. Size, 2 7/8 inches by 2 1/4 inches.
Nos. 584 to 587. Material, All Brass. Drop, 2 1/4 inches. Size, 3 1/8 inches by 2 1/4 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
580 582	3/4 inch. 7/8 inch.	Finished Brass.	Plated.		
581 583	3/4 inch. 7/8 inch.	Finished Brass.	Brass.		
584 586	3/4 inch. 7/8 inch.	Finished Brass.	Plated.		
585 587	3/4 inch. 7/8 inch.	Finished Brass.	Brass.		

Locks with other lengths of nose can be made to order.
Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For other sizes of Drawer locks, with **corrugated key**, see pages 148, 150 and 154 to 156.
For Drawer locks, with **flat keys**, see pages 149, 151 and 153.
For Standard Drawer locks, see pages 273 and 276 to 282.
For Duplex Drawer locks, see Duplex Section. For Master and Extra Keys, see Key Section.

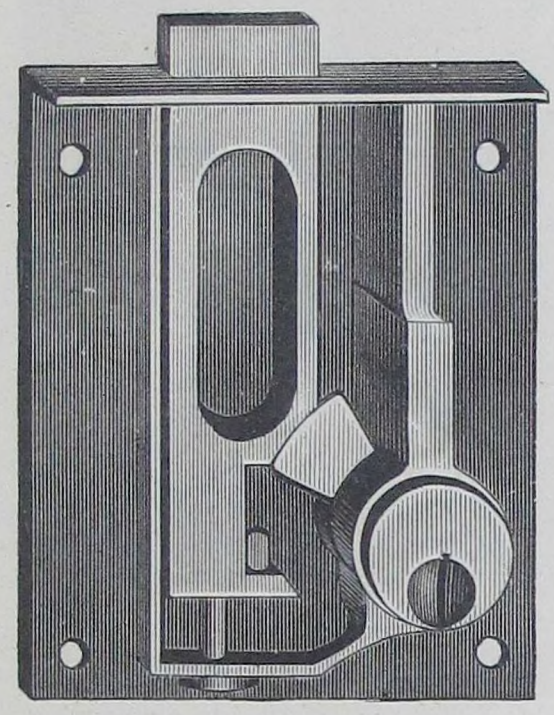
YALE

FINISHED BRASS

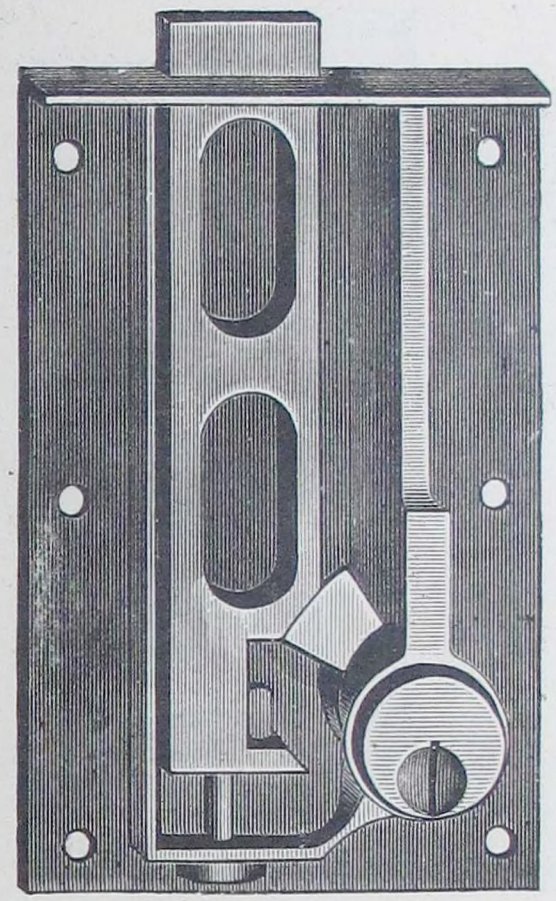
DRAWER LOCKS,

Nos. 180 to 193.

WITH FLAT KEYS.



Nos. 180 to 183.



Nos. 190 to 193.

For Use on Drawers of all kinds, including Cash and Post Office Drawers.
Length of Nose is measured from **back** of lock to face of escutcheon.
Packed, each lock in a paper box, with 2 (Class No. 3) keys.

Nos. 180 to 183. Material, All Brass. Drop, 1¾ inches. Size, 2½ inches by 2 inches.
Nos. 190 to 193. Material, All Brass. Drop, 2½ inches. Size, 3⅜ inches by 2 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
180 182	⅞ inch. 1 inch.	Finished Brass.	Plated.		
181 183	⅞ inch. 1 inch.	Finished Brass.	Brass.		
190 192	⅞ inch. 1 inch.	Finished Brass.	Plated.		
191 193	⅞ inch. 1 inch.	Finished Brass.	Brass.		

Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For other sizes of Drawer locks, with **flat keys,** see pages 149 and 151.
For Drawer Locks, with **corrugated keys,** see pages 148, 150, 152 and 154 to 156.
For Standard Drawer locks, see pages 273 and 276 to 282.
For Duplex Drawer locks, see Duplex Section.
For Nose Plates, see Bronze Goods Section.
For Master and Extra Keys, see Key Section.

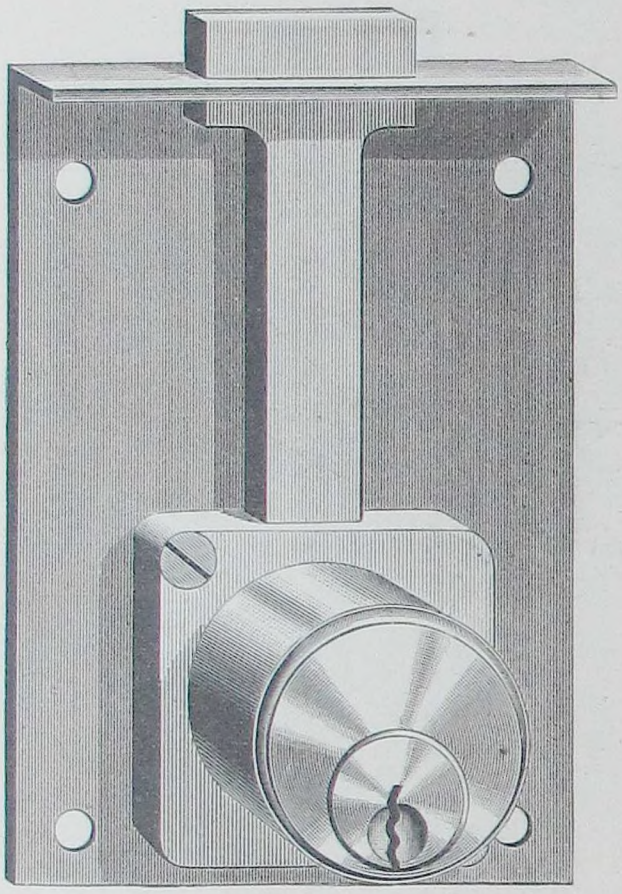
YALE

FINISHED BRASS

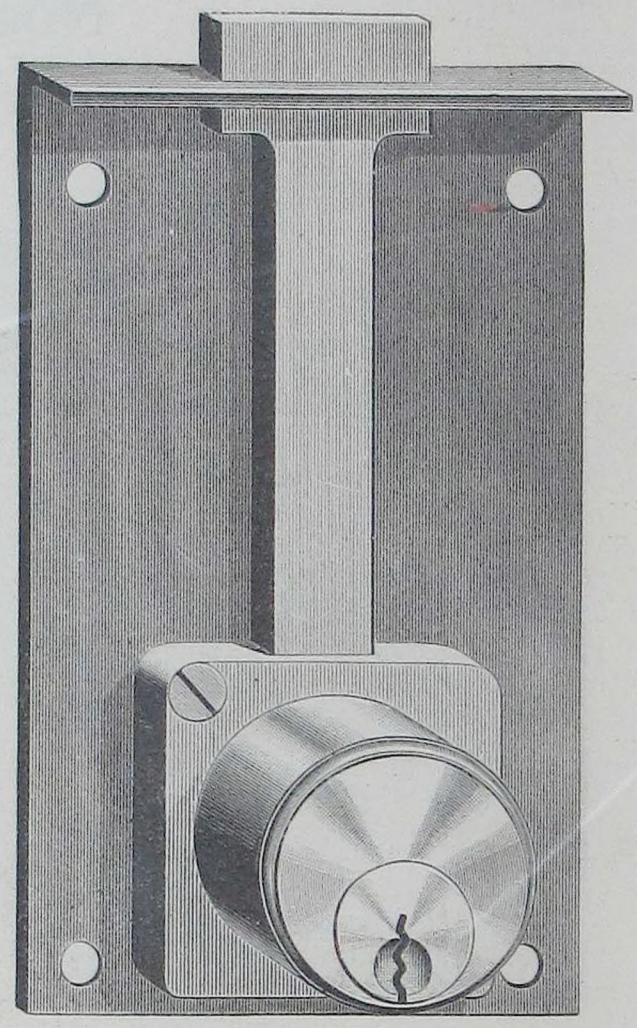
DRAWER LOCKS,

Nos. 590 to 597.

WITH NEW CORRUGATED KEYS.



Nos. 590 to 593.



Nos. 594 to 597.

For Use on Drawers of all kinds, including Cash and Post Office Drawers.
Length of Nose is measured from back of lock to face of escutcheon.
Packed, each lock in a paper box, with 2 keys, (Class No. 6 for locks with 7/8 inch nose, and Class No. 7 for 3/4 inch nose.)

Nos. 590 to 593. Material, All Brass. Drop, 2 1/2 inches. Size, 3 3/8 inches by 2 1/4 inches.
Nos. 594 to 597. Material, All Brass. Drop, 3 inches Size, 3 7/8 inches by 2 1/4 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
590 592	3/4 inch. 7/8 inch.	Finished Brass.	Plated.		
591 593	3/4 inch. 7/8 inch.	Finished Brass.	Brass.		
594 596	3/4 inch. 7/8 inch.	Finished Brass.	Plated.		
595 597	3/4 inch. 7/8 inch.	Finished Brass.	Brass.		

Locks with other lengths of nose can be made to order.
Sets. Furnished in sets, when so ordered, with keys alike, in which case one key only will be packed with each lock.
For other sizes of Drawer locks, with corrugated keys, see pages 148, 150, 152, 155 and 156.
For Drawer locks, with flat keys, see pages 149, 151 and 153.
For Standard Drawer locks, see pages 273 and 276 to 282.
For Duplex Drawer locks, see Duplex Section. For Master and Extra Keys, see Key Section.

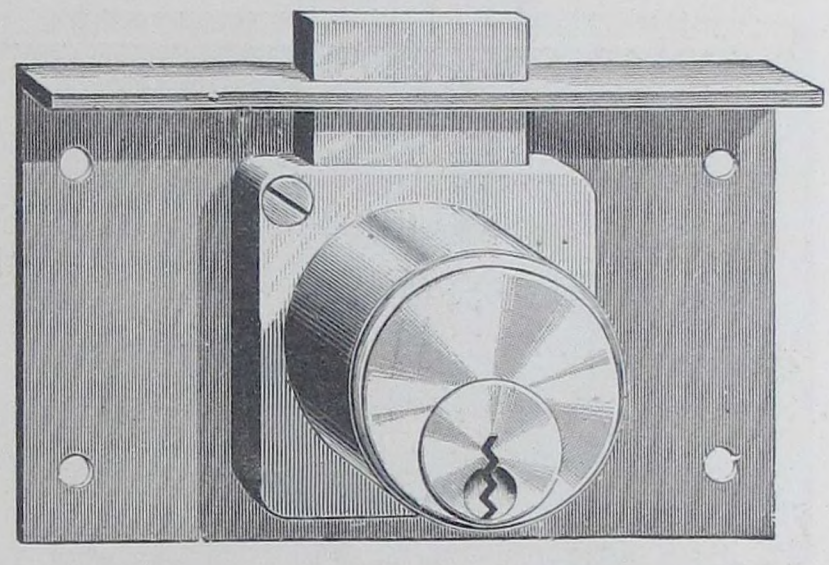
YALE

FINISHED BRASS

DRAWER LOCKS

Nos. 5260 to 5263.

WITH NEW CORRUGATED KEYS.



For Use on Drawers of all kinds, including Cash and Post Office Drawers.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 2 keys, (Class No. 6 for locks with 7/8 inch nose, and Class No. 7 for 3/4 inch nose.)

Material, All Brass. **Drop,** 1 inch. **Size,** 1 7/8 inches by 3 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
5260 5262	3/4 inch. 7/8 inch.	Finished Brass.	Plated.		
5261 5263	3/4 inch. 7/8 inch.	Finished Brass.	Brass.		

Locks with other lengths of nose can be made to order.

Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For other sizes of Drawer locks, with **corrugated keys,** see pages 148, 150, 152, 154 and 156.

For Drawer locks, with **flat keys,** see pages 149, 151 and 153.

For Standard Drawer locks, see pages 273 and 276 to 282.

For Duplex Drawer locks, see Duplex Section. **For Master** and **Extra Keys,** see Key Section.

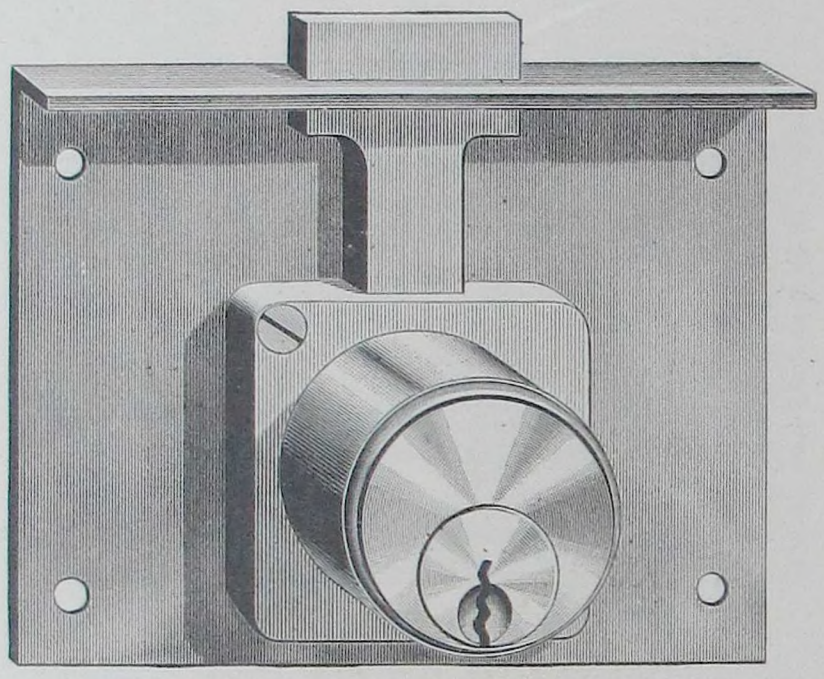
YALE

FINISHED BRASS

DRAWER LOCKS,

Nos. 5270 to 5273.

WITH NEW CORRUGATED KEYS.



For Use on Drawers of all kinds, including Cash and Post Office Drawers.

Length of Nose is measured from back of lock to face of escutcheon.

Packed, each lock in a paper box, with 2 keys, (Class No. 6 for locks with 7/8 inch nose, and Class No. 7 for 3/4 inch nose.)

Material, All Brass. Drop, 1 1/2 inches. Size, 2 3/8 inches by 3 inches.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
5270 5272	3/4 inch. 7/8 inch.	Finished Brass.	Plated.		
5271 5273	3/4 inch. 7/8 inch.	Finished Brass.	Brass.		

Locks with other lengths of nose can be made to order.

Sets. Furnished in sets, when so ordered, with keys alike, in which case one key only will be packed with each lock.

For other sizes of Drawer locks, with corrugated keys, see pages 148, 150, 152, 154 and 155.

For Drawer locks, with flat keys, see pages 149, 151 and 153.

For Standard Drawer locks, see pages 273 and 276 to 282.

For Duplex Drawer locks, see Duplex Section. For Master and Extra Keys, see Key Section.

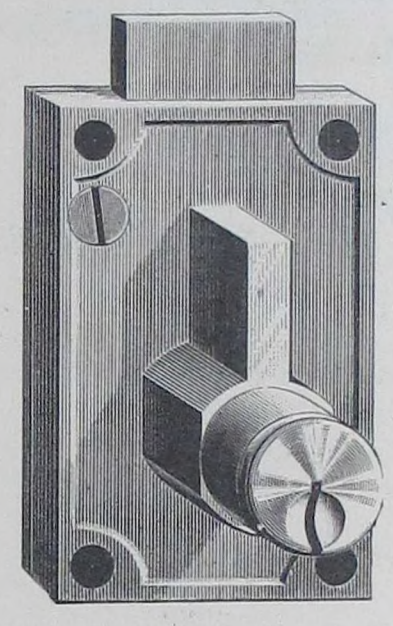
YALE

FINISHED BRASS

RIM LOCKS,

Nos. 212 and 213.

WITH FLAT KEYS.



For Use on Drawers, Show Cases, etc., etc.

Length of Nose is measured from **front** of lock case to face of escutcheon.

Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 2 (Class No. 3) keys, and screws.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	Each.
212	7/8 inch.	Finished Brass.	Plated.		
213	7/8 inch.	Finished Brass.	Brass.		

Sets. Furnished in sets, when so ordered, with keys alike, in which case **one** key only will be packed with each lock.

For Standard Cabinet locks, see pages 273 and 276 to 282.

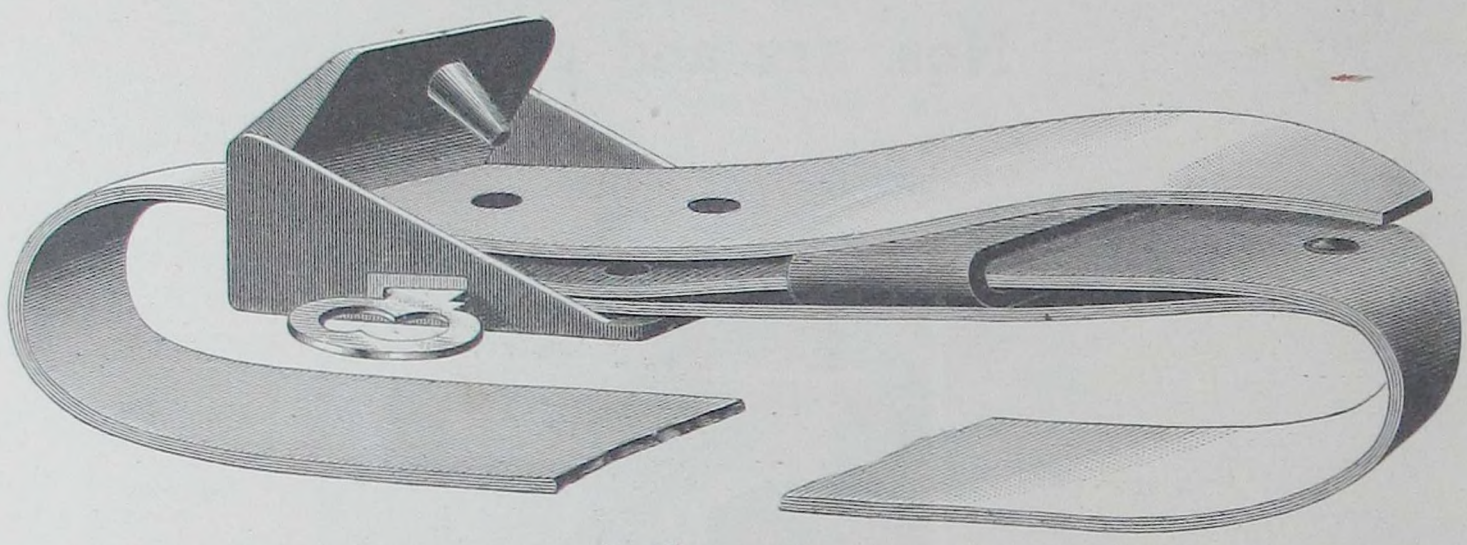
For Duplex Drawer locks, see Duplex Section.

For Nose Plates, see Bronze Goods Section.

For Master and **Extra Keys,** see Key Section.

YALE
BUCKLE LOCKS,
Nos. 198 and 199.

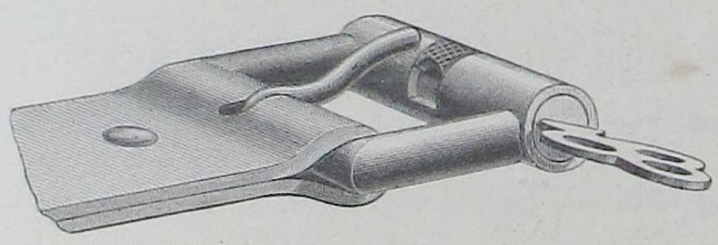
WITH FLAT KEYS.



No. 198.

For Use in securing straps so that they cannot be unbuckled without use of key.
Packed, 1 dozen in a paper box, with 2 keys to each lock.
Material, Bronze. Size, 1⅜ inches by 1⅝ inches,

No.	Case.	For Strap.	Per Dozen. Without Strap.
198	Nickel-Plated.	1¼ inches wide.	



No. 199.

For Use, with Chain or Strap, or in securing Valises and other articles to Car Seats, Bicycles, etc.
Packed, 1 dozen in a paper box, with chain and 2 keys to each lock. Can be furnished also without chain, for use with strap as shown in illustration.
Material, Bronze. Size, 1⅛ inches by 1⅛ inches.

No.	Case.	Length of Chain.	For Strap.	Per Dozen. With Chain	Per Dozen. Without Chain or Strap.
199	Nickel-Plated.	18 inches.	⅝ inch wide.		

Duplicate and Extra Keys. When ordering keys for above, specify number of lock for which keys are desired. No keys duplicated by number, one of the originals must be returned, if possible, or, if these are all lost, the lock itself must be returned for new keys.

For Prices, see Key Section of Price List.

FOR
GENERAL INDEX,
See Page 5.

YALE

MASTER-KEY

DUPLEX LOCKS.

INDEX OF DUPLEX LOCKS.

General Description, - -	Pages 160 and 161	Flush Cupboard Locks, Dead, -	Pages 172 to 174
Rim Night Latches, - - -	" 162 and 163	" " " Spring,	" 175
Mortise Night Latches, -	" 164 and 165	Rim " " Dead, -	" 176
Mortise Dead Locks, - -	" 166 to 169	" " " Spring,	" 177
Mortise Knob Locks, - -	" 170 and 171	Flush Drawer " - -	" 178 and 179

Yale Keys; see Key Section.

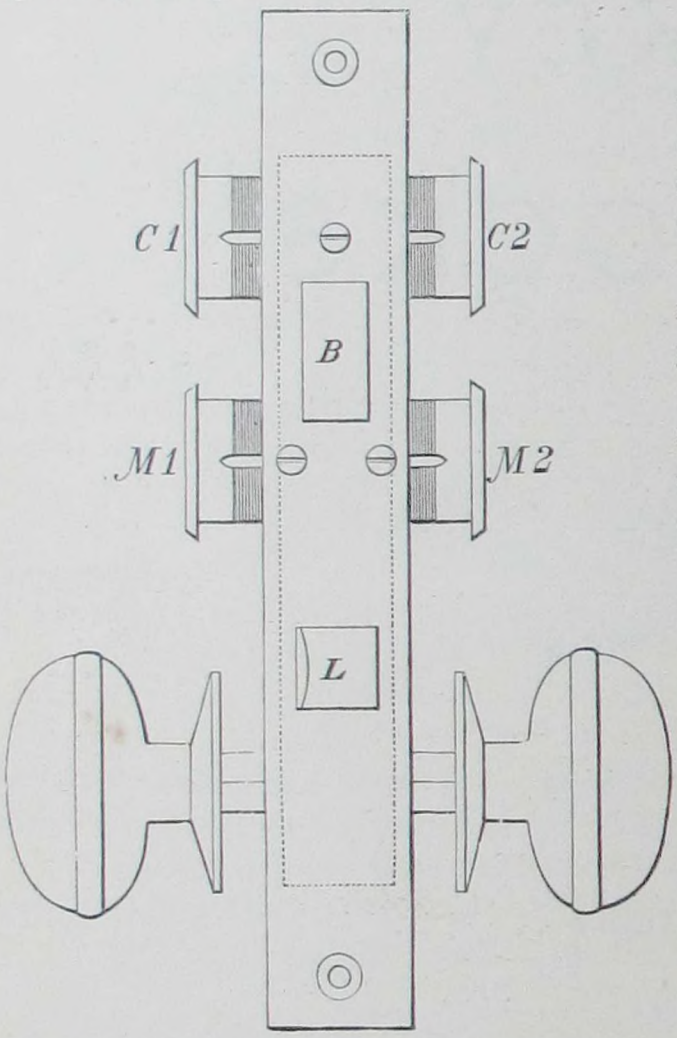
YALE
DUPLEX MASTER-KEY LOCK,

Patented July 30th, 1878.

Furnished in Sets from Two Locks to Thousands, under Guaranty that no Change Key will Unlock more than one Lock and that the Master-Key will open every Lock.

The only Master-Key Lock ever made capable of so large a number of changes, and the security of which is not impaired by being Master-Keyed.

The great demand for a Master-key lock for many situations has led to the invention of a great variety of locks claimed to be Master-key locks. But all locks made prior to the Yale Duplex lock had this characteristic in common, that both the change key and the master-key operated upon the same set of tumblers. Two results followed from this, (first) the number of locks which could be set to the master-key and still have the change keys different was very limited, and, (second) when the locks were set to a master-key their security against picking was either very much diminished or altogether destroyed.



As an example of the insecurity of some of the alleged Master-key locks, it is a fact that many of them depend for their changes simply on the little wards or projections on the edge of the key-hole. These can be readily filed off if desired, and in any case are no protection against a key which is thin enough to pass them.

The regular Yale locks have admitted of a master-key arrangement which while not susceptible of many changes, was good as far as it was applicable. This is referred to on page 297.

The repeated calls upon us for a Master-key lock which should have a large number of changes, while at the same time of a high degree of security, led us to give the matter the most careful attention, and aided by the peculiar construction of the Yale lock, which perfectly adapted it to the desired end, we have finally produced a lock which meets all the requirements.

As is well known, the tumbler mechanism of the Yale lock is all contained in the tumbler case or escutcheon, which is complete in itself, and is independent of the bolt actuating mechanism. It finally occurred to the inventor of the Yale Duplex lock that what was required for a perfect Master-key lock was to so arrange that the bolt could be operated by two independent mechanisms, so that the master mechanism should not interfere with, or require any change in, the change key mechanism. As a result, the Yale Duplex Master-key lock was produced, which is a lock with two independent escutcheons on the same side of the lock, either one of which can operate the bolt or latch. Now it is evident that a series of locks, however large, can be so arranged that the top escutcheons, which we will call the change escutcheons, may be so set that the key of one of these escutcheons will not unlock any other of the whole series. And this series may be indefinitely large, owing to the well-known and unequaled facility of the Yale locks for variety of combinations. But the lower or master-key escutcheons of the whole series may be set to the same key, so that anyone who possesses the master-key can operate any one of the locks. And it is further clear that this construction does not weaken the security either of the change escutcheons or the master-key escutcheons; that is, it would be just as difficult to pick any one of this entire series of locks as it would a single Yale lock not set to a master-key.

Referring to the illustration, we show a mortise knob lock which has two escutcheons on each side of the door. The latch bolt L is controlled in the usual way by the knob on each side of the door. The dead bolt D is controlled by any one of the four escutcheons. The two upper escutcheons, C_1 C_2, are set to the change key which will not unlock any other lock in the series, while the two lower escutcheons, M_1 M^2, are set to the master-key, which will open every one of the locks in the series.

While the illustration shows a mortise lock this system has been adapted to practically an entire line of locks for positions where master-key work is desirable. Without attempting to make an exhaustive enumeration of the situations where they are desirable, we state below some uses where a Master-key lock, possessing the capability of a large number of changes and at the same time great security, is advantageous :

HOTELS: The use of Master-key locks in hotels, where it is ordinarily customary to have each floor set to different master-keys is almost universal. But it is a well-known fact that most of the Master-key locks used in hotels possess no security whatever, as guests can readily verify by noticing the urgent appeals to bolt their doors in addition to locking them with the key.

OFFICE BUILDINGS: The great number of large office buildings which have been erected in all parts of the country within a few years, has made evident the desirability of a first-class Master-key lock; and some of the best of these buildings have been fitted with Yale Duplex locks, which possess peculiar advantages both for owners of the buildings and for the tenants, in the adaptability of both change and master escutcheons to be set to different keys, as will be further explained below.

FACTORIES: It is especially desirable in many factories that occupants of one room or shop should have access to their own quarters only, while the superintendent or foreman should with one key have access to a number of rooms. The importance of this in keeping track of valuable tools and stock has so impressed itself on manufacturers that the demand for Master-key locks for cases of this sort is largely increasing.

ASYLUMS: In asylums, hospitals, prisons, etc., attendants should have access to a certain number of rooms, while the superintendent, or keeper, or physician-in-charge, should have general access to all parts of the building without the necessity of carrying a number of bulky keys.

SCHOOLS and COLLEGES: Here it is also desirable that the occupants of rooms should be able to lock them securely except against the janitor who should have a key to fit all of a set of rooms or buildings.

ARMORIES AND GYMNASIUMS: In all buildings of this class where there are a number of cupboards or lockers, the need of secure locks has been made apparent many times by the robbery of watches and valuables, while members have been exercising or drilling. At the same time it is convenient that the janitor should have access to the lockers or cupboards in order to keep their contents in proper order.

OFFICES: In offices employing a large number of clerks, it is advantageous that each clerk should be able to lock his drawer to protect his particular papers, while the head of the office should have access to all drawers by means of a master-key.

RAILWAY CARS: An important use for the Yale Duplex locks has been in railway cars, particularly among the drawing room and sleeping car companies. In this case the locks are so arranged that the porter of each car can open the different cupboards in his car, while the division superintendents have access to all cars under their charge.

In the case of mortise or rim locks which are attached to doors accessible from both sides, it is, according to circumstances, desirable that the master escutcheon should be either on one or both sides of the door. For example, in the corridor doors of an asylum which should be locked from both sides by the superintendent as he passes through, it is necessary to have the master-key escutcheon on both sides of the door. But in the case of office doors the janitor never has occasion to lock the door on the inside so the master escutcheon is necessary only on one side, while the tenant may lock the door from either side by means of his change key.

And it will be noted that locks which are accessible from both sides are marked on following pages with designating letters to indicate whether or not the master and change escutcheons are on one or both sides.

MASTER-KEYS will be furnished with special shaped bows if desired, so as to be easily distinguished.

SETS: It is evident that where it is desired that an attendant should have access to a certain number of rooms, but not to the whole series, the series can be divided into any desired number of sets.

ADVANTAGES and CONVENIENCE: Should a tenant or renter of a box or other receptacle object to having his lock opened by the janitor's master-key, the combination of the master escutcheon can be changed at a cost of twenty-five cents, so that no one but the occupant can open it.

When a change of Tenants or Renters occurs the tenant's change escutcheon can be set to a different key at a cost of twenty-five cents, without in any way disturbing the master arrangement of that or any lock in the series.

Should a change of Janitors occur, all of the master escutcheons to which he had access can be set to a new combination without disturbing any of the change keys.

Should a Tenant desire his lock so set that his Yale front door key will open it, this can be readily accomplished.

YALE

Duplex, Master-Key

RIM NIGHT LATCHES,

Nos. 6040 to 6042.

WITH NEW CORRUGATED KEYS.

For general description and advantages, see page 160.

For Use on doors of Office Buildings, Apartment Houses, Factories, etc., in addition to a Mortise lock.

Adjustable, as packed, to doors from 7/8 inch to 3 inches thick, but can be furnished for other thicknesses, if specified in order. For mode of adjustment, see page 24.

Operated. Master Keys operate the locks through the lower or "M" escutcheons, only.

Change Keys operate the locks through the upper or "C" escutcheons, only. The locks of a series may be all different as to their change keys, or if desired, may have several locks alike to the same change key. **Any number** of Duplex locks, all with different change keys, can be made subject to one master key, and any number of different master keys, each controlling its own series of locks, can be furnished.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with strike, screws, complete fittings, 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.)

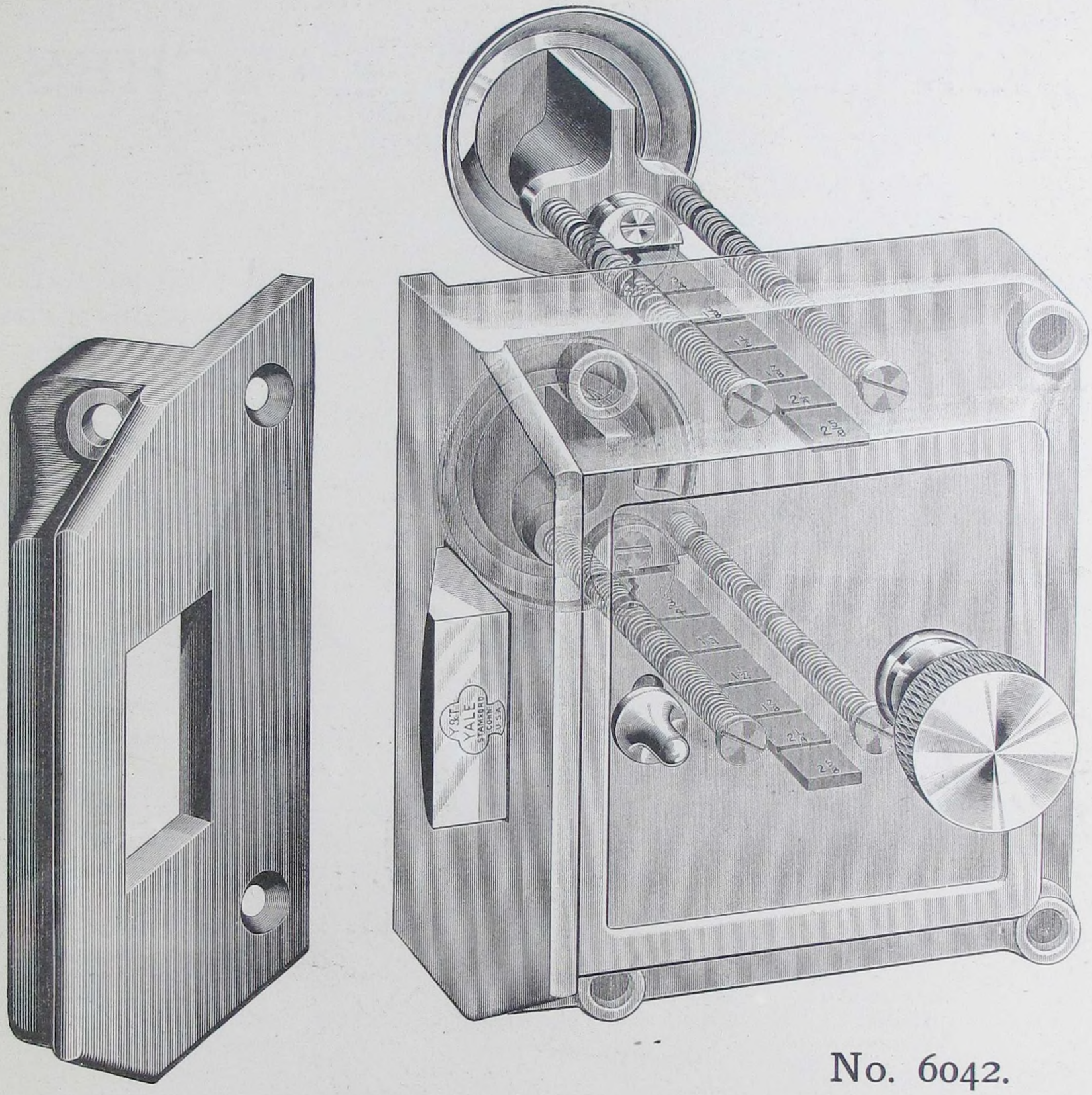
Heavy Bronze Bolt. **Case,** 3¾ inches by 3⅝ inches.

No.	Case and Strike.	Escutcheons.	Knob.	Each.
6040	Japanned Iron.	Plated.	Plated.	
6041	Japanned Iron.	Plated.	Bronze.	
6042	Japanned Iron.	Plain Bronze.	Bronze.	

DIRECTIONS FOR ORDERING.

Reverse Bevel. If reverse bevel is required, so specify in order. See page 16.

For Keys, see Key Section.



No. 6042.

YALE DUPLEX MASTER-KEY RIM NIGHT LATCHES,

Nos. 6040 to 6042.

YALE

Duplex, Master-Key

MORTISE NIGHT LATCHES,

Nos. 6060 to 6075.

For general description and advantages, see page 160.

For Use on doors of Office Buildings, Apartment Houses, Factories, etc.

Adjustable, as packed, Class C to doors from 1¼ inches to 3⅛ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. Thickness of door must be given in all cases when Classes A or B are desired. For mode of adjustment, see page 25.

Operated, as described on page 160, the locks being of three classes, as follows:

Class A. Controlled by **both keys** from **both sides of the door.**

Class B. Controlled by **both keys** from the **outside,** and by the **change key only** on the **inside of door.**

Class C. Controlled by **both keys** from the **outside,** and by 1¾ inch porcelain knob on the **inside of door.**

Master Keys operate the locks through the lower or "M" escutcheons, only.

Change Keys operate the locks through the upper or "C" escutcheons, only. The locks of a series may be all different as to their change keys or if desired, may have several locks alike to the same change key. **Any number** of Duplex locks, all with different change keys, can be made subject to one master-key, and any number of different master-keys, each controlling its own series of locks, can be furnished. Should it be desirable, a series of locks can at any time, at small cost, be altered to a new master-key or any lock set to a different change key.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with strike, screws, 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.

Heavy Bronze Bolt. **Case,** 5⅛ inches by 3¾ inches.

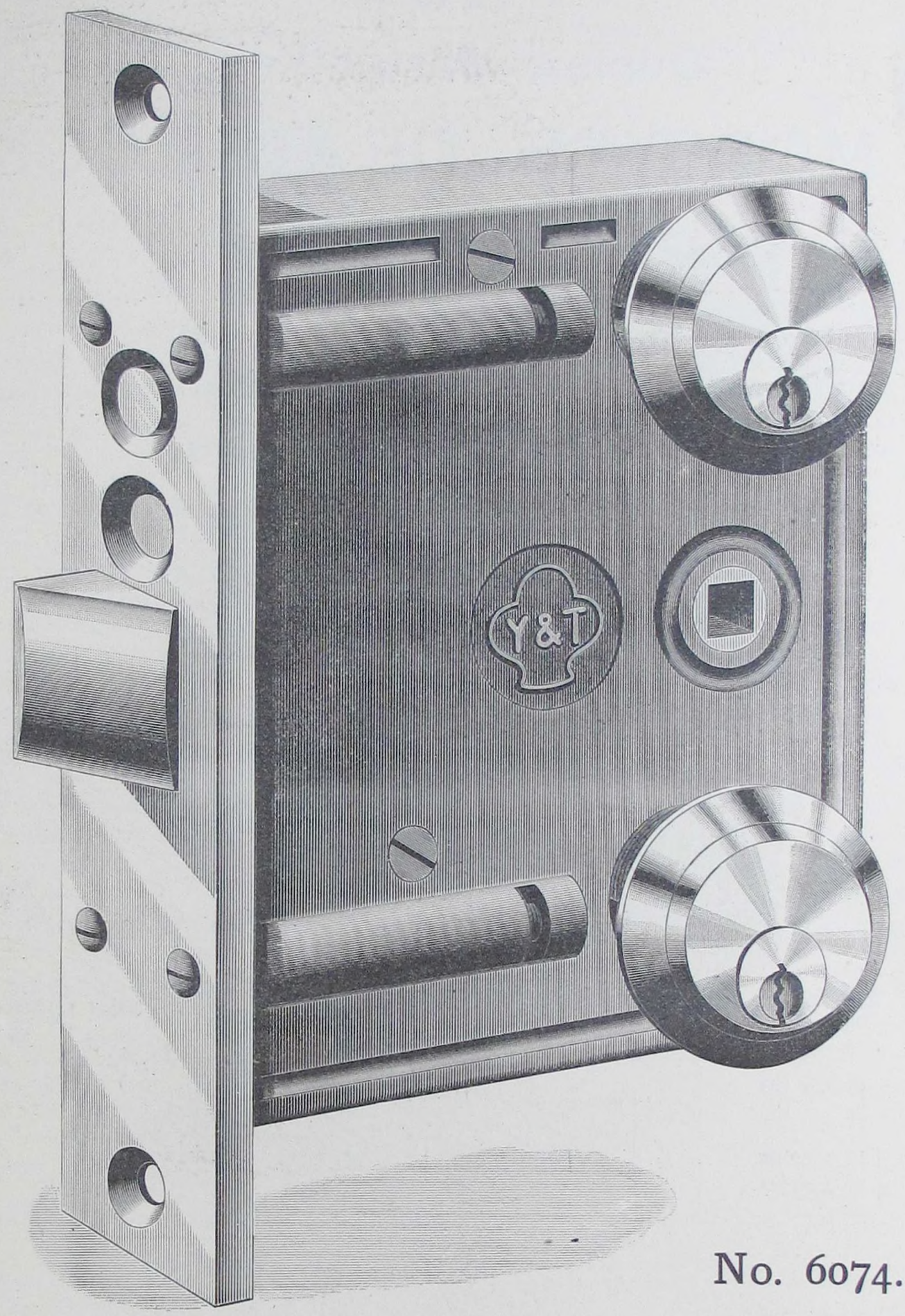
No.	For Doors Class C. (Thickness.)	Front	Escutcheons.	*Knob.	Class A, Each	Class B, Each.	Class C, Each.
6060 6061	1¼ to 2⅛ ins. 2¼ to 3⅛ ins.	Plated.	Plated.	Plated. (No. 2105P.)			
6074 6075	1¼ to 2⅛ ins. 2¼ to 3⅛ ins.	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 2115P.)			

DIRECTIONS FOR ORDERING.

When ordering give **number** and **class** of lock wanted, and **thickness of door** if Classes A and B are desired, as the adjustment in second column of table applies only to Class C.

***Knob.** Wood or other 1¾ inch Mortise Latch Knobs listed on pages 326 and 327, may be substituted in place of the knobs specified in table above.

For Keys, see Key Section.



CHANGE-KEY ESCUTCHEON.

MASTER-KEY ESCUTCHEON.

No. 6074.

Distance from edge of door to center of Escutcheons and Hub, 2¾ inches.

Thickness of Case, ¾ inch.

YALE DUPLEX MASTER-KEY MORTISE NIGHT LATCHES,

Nos. 6060 to 6075.

YALE

Duplex, Master-Key

MORTISE DEAD LOCKS,

Nos. 6340 to 6375.

For general description and advantages, see page 160.

For Use on doors of Office Buildings, Apartment Houses, Hotels, Factories, etc.

Adjustable, as packed, Class C, to doors from 1¼ inches to 3⅛ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. Thickness of door must be given in all cases where Classes A or B are desired. For mode of adjustment, see page 25.

Operated, as described on page 160, the locks being of three classes, as follows:

Class A. Controlled by **both keys** from **both sides of the door.**

Class B. Controlled by **both keys** from the **outside,** and by the **change key only** on the **inside of door.**

Class C. Controlled by **both keys** from **one side only.**

Master Keys operate the locks through the lower or "M" escutcheons, only.

Change Keys operate the locks through the upper or "C" escutcheons, only. The locks of a series may be all different as to their change keys, or if desired, may have several locks alike to the same change key. **Any number** of Duplex locks, all with different change keys, can be made subject to one master key, and any number of different master keys, each controlling its own series of locks, can be furnished.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with strike, screws, 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.)

Heavy Bronze Bolt.

Case, Two Sizes, as below.

CASE, 4⅜ inches by 2⅞ inches.
(Distance from edge of door to center of escutcheons, 2 inches.)

No.	For Doors Class C. (Thickness.)	Front.	Escutcheons.	Class A, Each.	Class B, Each.	Class C, Each.
6300	1¼ to 2⅛ ins.	Plated.	Plated.			
6301	2¼ to 3⅛ ins.					
6314	1¼ to 2⅛ ins.	Plain Bronze.	Plain Bronze.			
6315	2¼ to 3⅛ ins.					

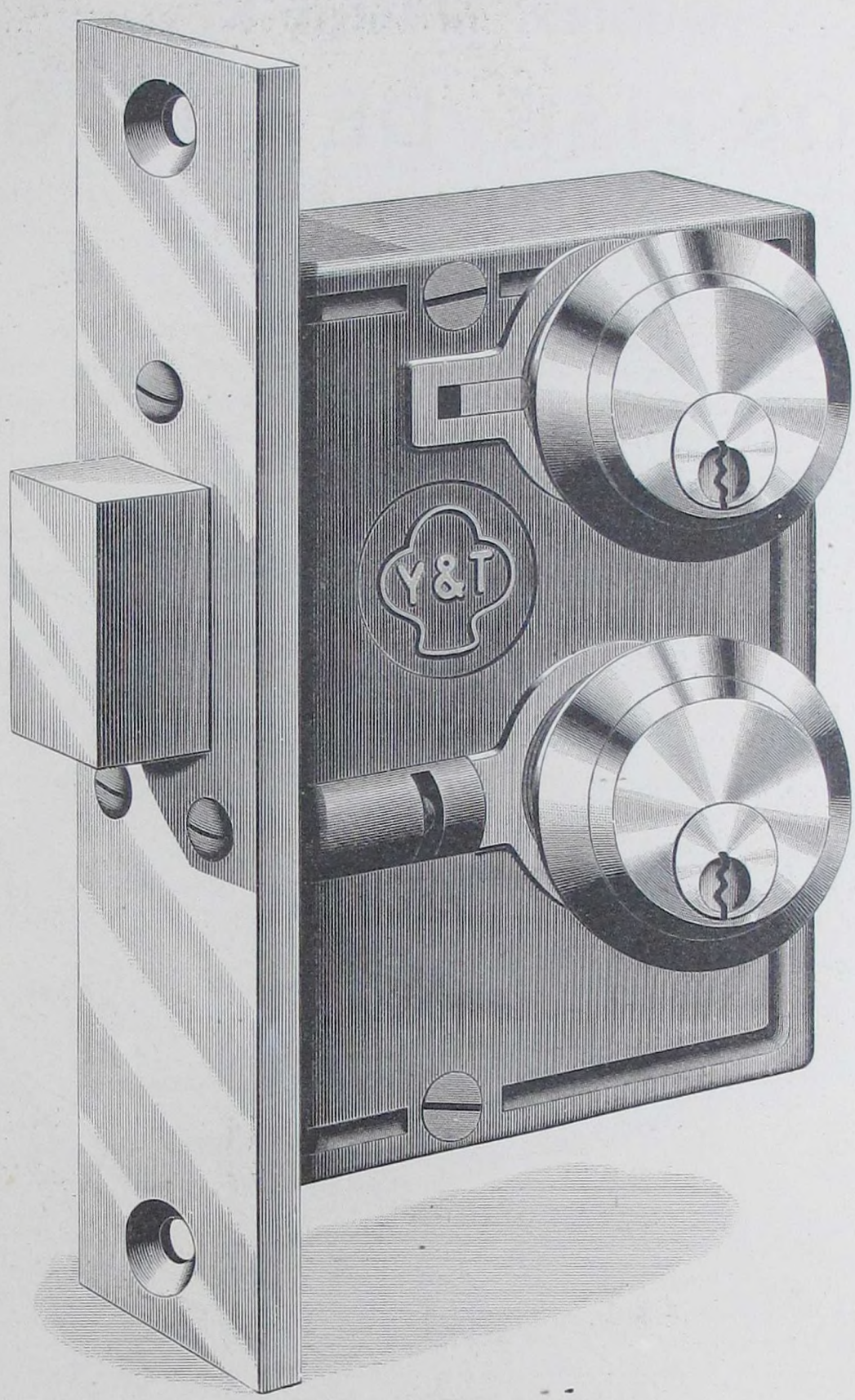
CASE, 4⅜ inches by 3⅝ inches.
(Distance from edge of door to center of escutcheons, 2¾ inches.)

6320	1¼ to 2⅛ ins.	Plated.	Plated.			
6321	2¼ to 3⅛ ins.					
6334	1¼ to 2⅛ ins.	Plain Bronze.	Plain Bronze.			
6335	2¼ to 3⅛ ins.					

DIRECTIONS FOR ORDERING.

When ordering give **number** and **class** of lock wanted, and **thickness of door** if Classes A and B are desired, as the adjustment in second column of table applies only to Class C.

For heavier Dead locks of this class, see pages 168 and 169. **For Keys,** see Key Section,



CHANGE-KEY ESCUTCHEON.

MASTER-KEY ESCUTCHEON.

No. 6314.

Distance from edge of door to center of Escutcheons, 2 inches.
Thickness of Case, ¾ inch.

YALE DUPLEX MASTER-KEY MORTISE DEAD LOCKS,

Nos. 6300 to 6335.

YALE

Duplex, Master-Key

MORTISE DEAD LOCKS,

Nos. 6340 to 6375.

For general description and advantages, see page 160.

For Use on doors of Office Buildings, Apartment Houses, Hotels, Factories, etc.

Adjustable, as packed, Class C, to doors from 1⅝ inches to 3⅞ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. Thickness of door must be given in all cases where Classes A or B are desired. For mode of adjustment, see page 25.

Operated, as described on page 160, the locks being of three classes, as follows:

Class A. Controlled by **both keys** from **both sides of the door.**

Class B. Controlled by **both keys** from the **outside,** and by the **change key only** on the **inside of door.**

Class C. Controlled by **both keys** from **one side only.**

Master Keys operate the locks through the lower or "M" escutcheons, only.

Change Keys operate the locks through the upper or "C" escutcheons, only. The locks of a series may be all different as to their change keys, or if desired, may have several locks alike to the same change key. **Any number** of Duplex locks, all with different change keys, can be made subject to one master key, and any number of different master keys, each controlling its own series of locks, can be furnished.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with strike, screws, 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.)

Heavy Bronze Bolt.

Case, Two Sizes, as below.

CASE, 4½ inches by 3 inches.
(Distance from edge of door to center of escutcheons, 2⅛ inches.)

No.	For Doors Class C. (Thickness.)	Front.	Escutcheons.	Class A, Each.	Class B, Each.	Class C, Each.
6340	1⅝ to 2⅞ ins.	Plated.	Plated.			
6341	3 to 3⅞ ins.					
6354	1⅝ to 2⅞ ins.	Plain Bronze.	Plain Bronze.			
6355	3 to 3⅞ ins.					

CASE, 4½ inches by 3¾ inches.
(Distance from edge of door to center of escutcheons, 2¾ inches.)

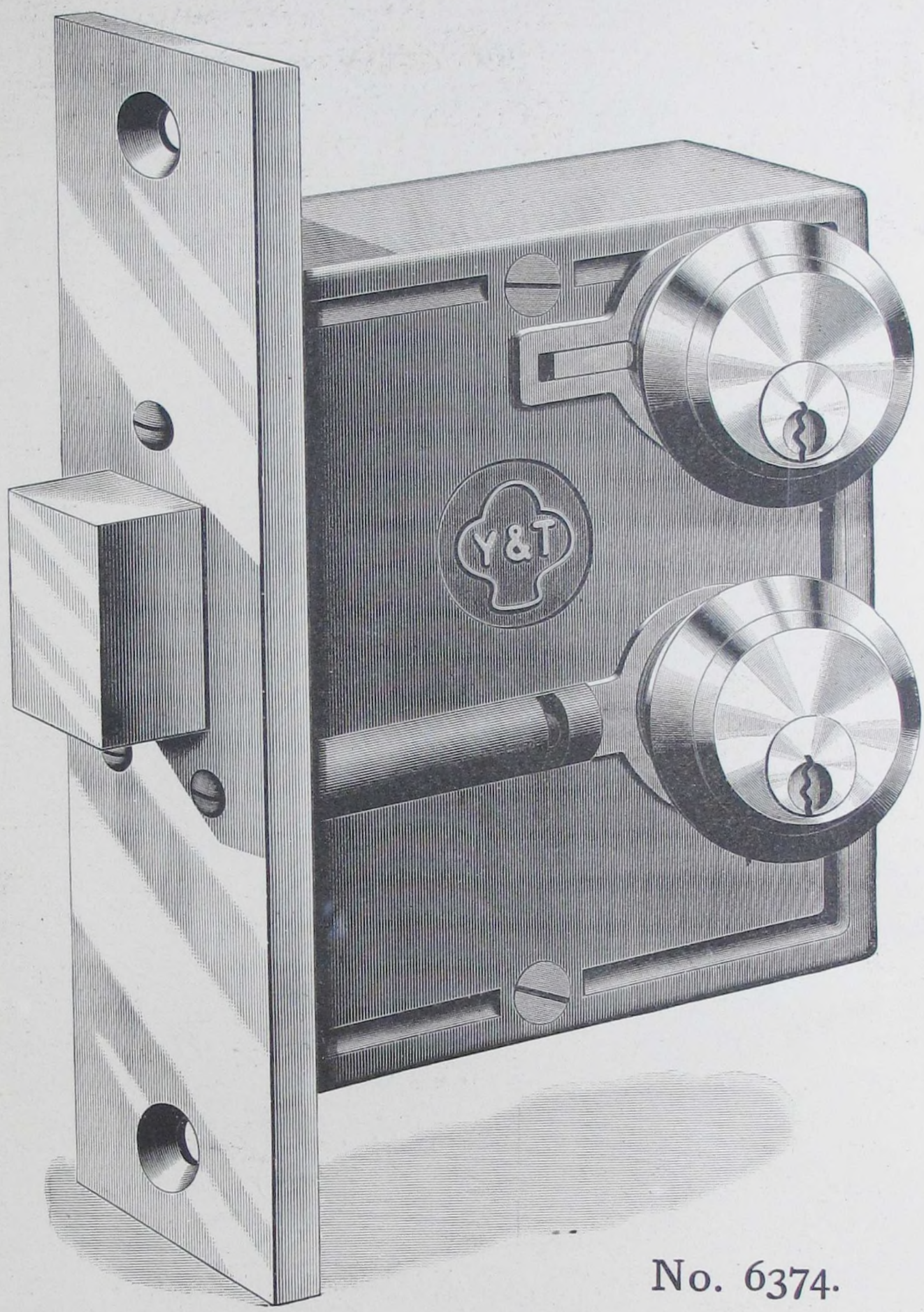
6360	1⅝ to 2⅞ ins.	Plated.	Plated.			
6361	3 to 3⅞ ins.					
6374	1⅝ to 2⅞ ins.	Plain Bronze.	Plain Bronze.			
6375	3 to 3⅞ ins.					

DIRECTIONS FOR ORDERING.

When ordering give **number** and **class** of lock wanted, and **thickness of door** if Classes A and B are desired, as the adjustment in second column of table applies only to Class C.

For lighter Dead locks of this class, see pages 166 and 167.

For Keys, see Key Section.



CHANGE-KEY ESCUTCHEON.

MASTER-KEY ESCUTCHEON.

No. 6374.

Distance from edge of door to center of Escutcheons, 2¾ inches.
Thickness of Case, 1 inch.

YALE DUPLEX MASTER-KEY MORTISE DEAD LOCKS,

Nos. 6340 to 6375.

YALE

Duplex, Master-Key

MORTISE KNOB LOCKS,

Nos. 6600 to 6615.

For general description and advantages, see page 160.

For Use on doors of Office Buildings, Apartment Houses, Hotels, Factories, etc.

Adjustable, as packed, Class C, to doors from 1⅝ inches to 2¾ inches thick, see table below, but can be furnished for other thicknesses, if specified in order. Thickness of door must be given in all cases when Classes A or B are desired. For mode of adjustment see page 25.

Operated, as described on page 160, the locks being of three classes, as follows :

Class A. Controlled by **both keys** from **both sides of the door.**

Class B. Controlled by **both keys** from the **outside,** and by the **change key only** on the **inside of door.**

Class C. Controlled by **both keys** from **one side only.**

Master Keys operate the locks through the lower or "M" escutcheons, only.

Change Keys operate the locks through the upper or "C" escutcheons, only. The locks of a series may be all different as to their change keys, or if desired, may have several locks alike to the same change key. **Any number** of Duplex locks, all with different change keys, can be made subject to one master-key, and any number of different master-keys, each controlling its own series of locks, can be furnished.

Right or Left, according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with strike, screws, and 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.

Heavy Bronze Bolts. **Case,** 6½ inches by 4 inches.

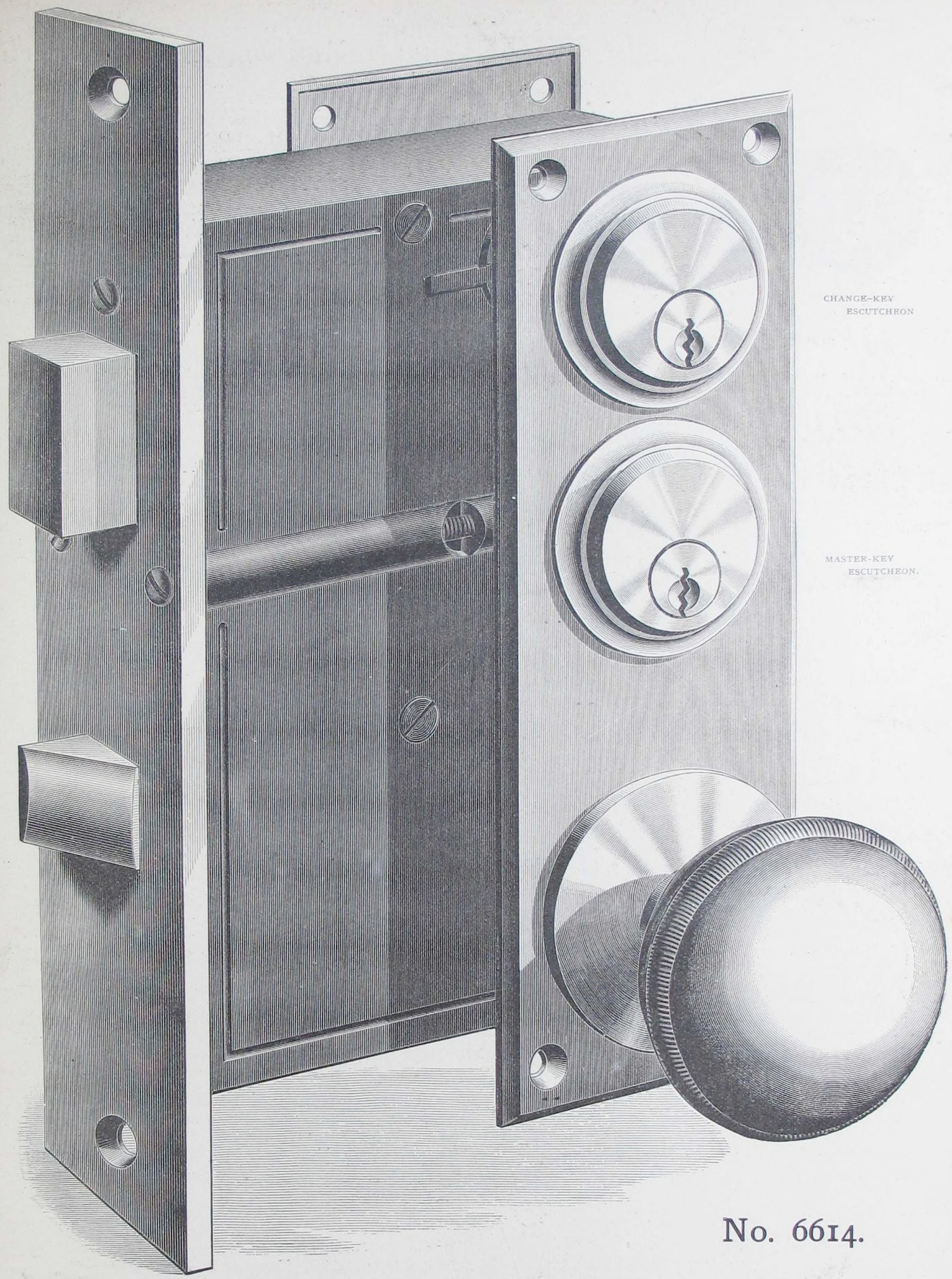
No.	For Doors Class C. (Thickness.)	Front.	Knobs, Plates and Escutcheons.	Class A, Complete with Furniture. Each.	Class A, Without Knobs and Plates. Each.	Class B, Complete with Furniture. Each.	Class B, Without Knobs and Plates. Each.	Class C, Complete with Furniture. Each.	Class C, Without Knobs and Plates. Each.
6600	1⅝ to 2¼ ins	Plated.	Plated. (Knob No. 5P.)						
6601	2¼ to 2¾ ins								
6614	1⅝ to 2¼ ins	Plain / Bronze.	Plain / Bronze. (Knob No. 5P.)						
6615	2¼ to 2¾ ins								

DIRECTIONS FOR ORDERING.

When ordering give **number** and **class** of lock wanted, and **thickness of door** if Classes A and B are desired, as the adjustment in second column of table applies only to Class C.

Hand. State whether the locks are intended for **right hand** or **left hand** doors. See page 16.

For Knobs, see Bronze Goods Section. **For Keys,** see Key Section.



No. 6614.

Distance from edge of door to center of Escutcheons and Hub, 2¾ inches.

Thickness of Case, 1 inch.

YALE DUPLEX MASTER-KEY MORTISE KNOB LOCKS,

Nos. 6600 to 6615.

YALE

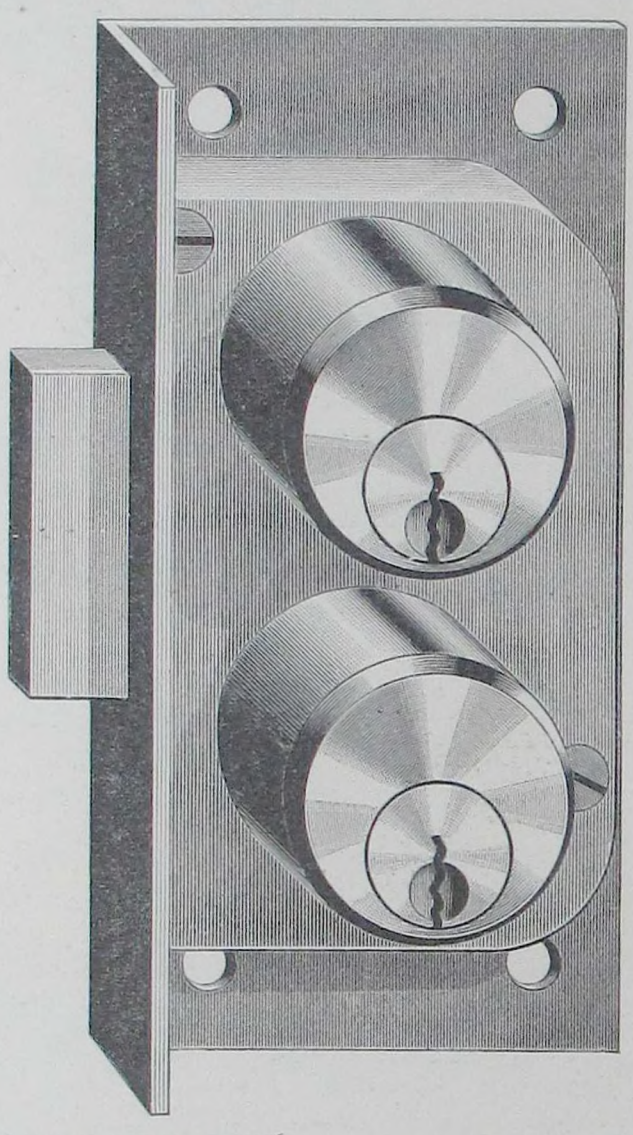
Duplex, Master-Key

FLUSH CUPBOARD LOCKS

WITH DEAD BOLT.

Nos. 6500 to 6505.

WITH NEW CORRUGATED KEYS.



CHANGE-KEY ESCUTCHEON.

MASTER-KEY ESCUTCHEON.

For general description and advantages, see page 160.

For Use on doors of Cupboards, Store Rooms, Book Cases, Closets, Buffets, and particularly adapted to Regalia and Gymnasium Closets.

Right or Left, according to order, but **not adjustable** to right and left hand doors. See page 16.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.)

Nos. 6500 to 6505. Distance from edge to center of escutcheon, 1 inch. **Size,** 4 ins. by 2⅛ ins.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case	Nose.	Per Dozen.
6500	⅞ inch	Finished Brass	Plated.		6501	⅞ inch	Finished Brass	Brass.	
6502	1¼ inch				6503	1¼ inch			
6504	1½ inch				6505	1½ inch			

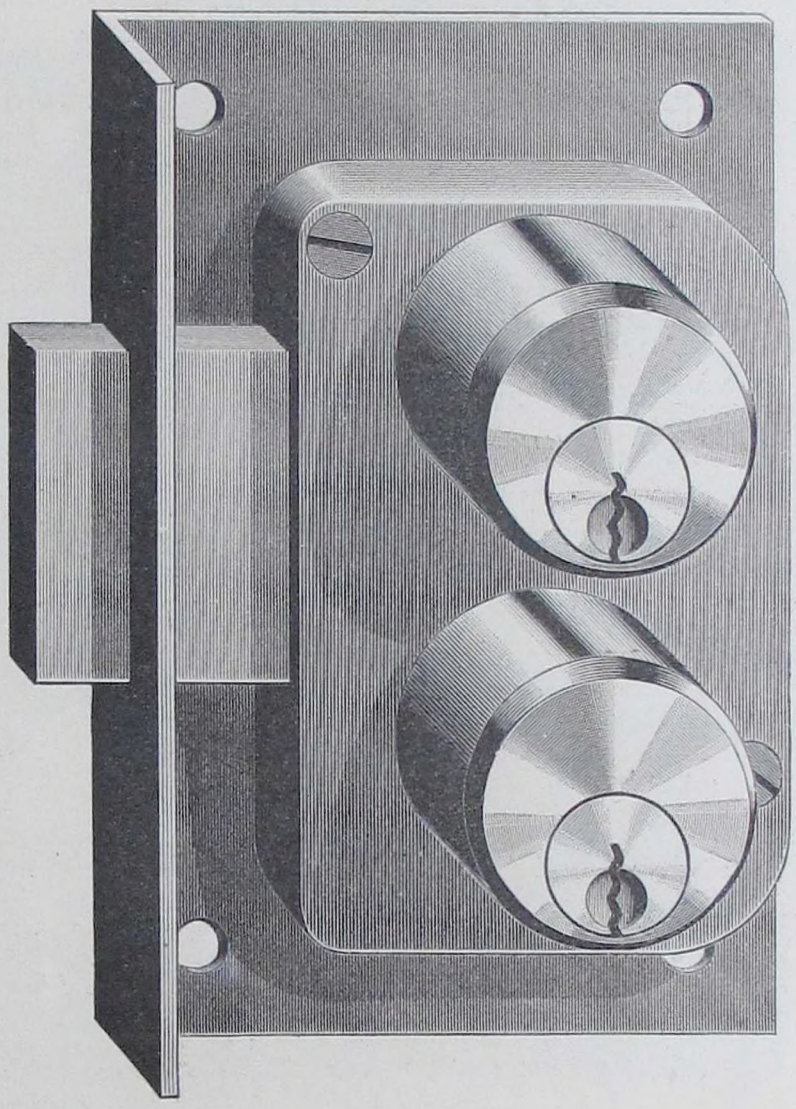
DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **right hand** or **left hand** doors. See page 16.

For other sizes of Duplex Flush Cupboard locks, see pages 173 and 174.
For Duplex Spring Cupboard locks, see pages 175 and 177.
For Duplex Rim Cupboard locks, see pages 176 and 177.
For Keys, see Key Section.

YALE
Duplex, Master-Key
FLUSH CUPBOARD LOCKS
WITH DEAD BOLT.

Nos. 6510 to 6515.
WITH NEW CORRUGATED KEYS.



CHANGE-KEY ESCUTCHEON.

MASTER-KEY ESCUTCHEON.

For general description and advantages, see page 160.

For Use on doors of Cupboards, Store Rooms, Book Cases, Closets, Buffets, and particularly adapted to Regalia and Gymnasium Closets.

Right or **Left**, according to order, but **not adjustable** to right and left hand doors. See page 16.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 3 Change keys, (Class No. 6), and Master keys for each set, as ordered; the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.)

Nos. 6510 to 6515. Distance from edge to center of escutcheon, 1½ inches. **Size,** 4 ins. by 2⅝ ins.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
6510	⅞ inch	Finished Brass	Plated.		6511	⅞ inch	Finished Brass	Brass.	
6512	1¼ inch				6513	1¼ inch			
6514	1½ inch				6515	1½ inch			

DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **right hand** or **left hand** doors. See page 16.

For other sizes of Duplex Flush Cupboard locks, see pages 172 and 174.

For Duplex Spring Cupboard locks, see pages 175 and 177.

For Duplex Rim Cupboard locks, see pages 176 and 177,

For Keys, see Key Section.

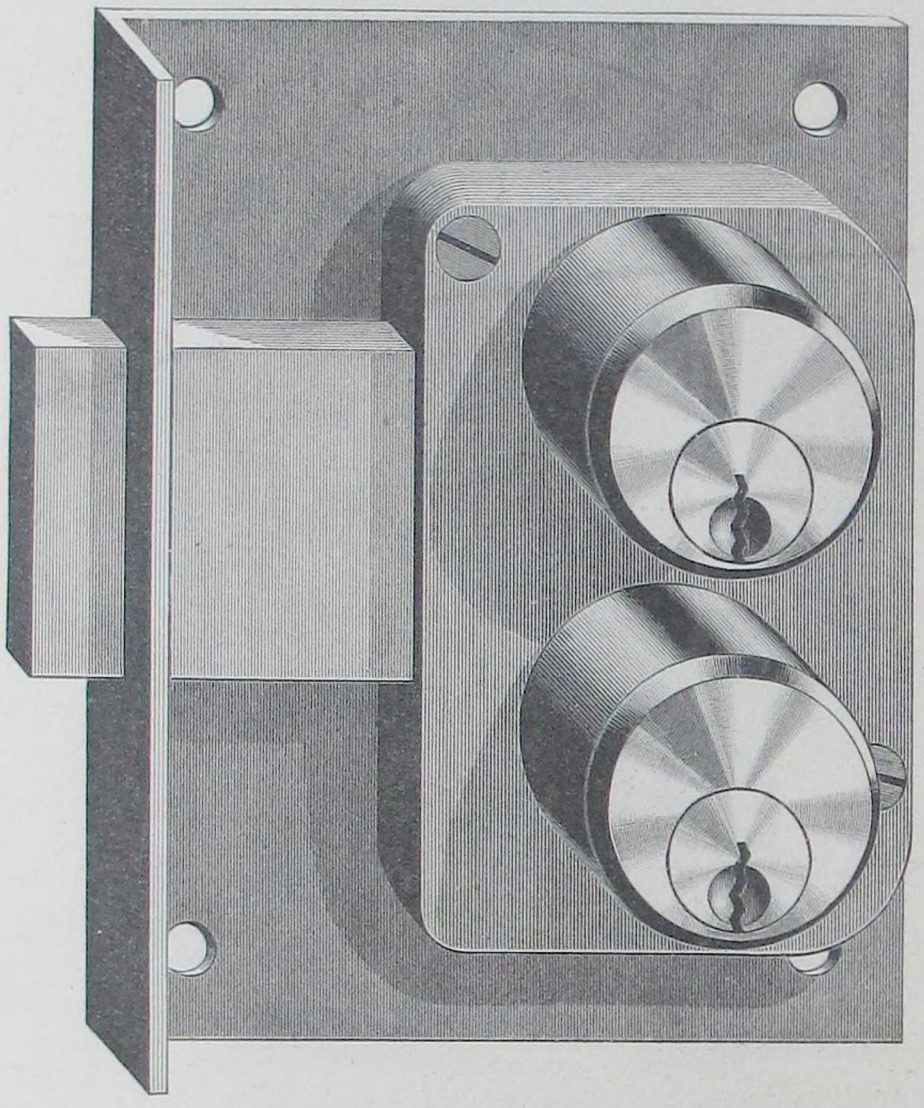
YALE

Duplex, Master-Key

FLUSH CUPBOARD LOCKS

WITH DEAD BOLT.

Nos. 6520 to 6525.



CHANGE-KEY ESCUTCHEON.

MASTER-KEY ESCUTCHEON.

For general description and advantages, see page 160.

For Use on doors of Cupboards, Store Rooms, Book Cases, Closets, Buffets, and particularly adapted for Regalia and Gymnasium Closets.

Right or **Left**, according to order, but **not adjustable** to right and left hand doors. See page 16.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.)

Nos. 6520 to 6525. Distance from edge to center of escutcheons, 2 inches. **Size**, 4 ins. by 3⅛ ins.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
6520	⅞ inch	Finished Brass	Plated.		6521	⅞ inch	Finished Brass	Brass.	
6522	1¼ inch				6523	1¼ inch			
6524	1½ inch				6525	1½ inch			

DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **right hand** or **left hand** doors. See page 16.

For other sizes of Duplex Flush Cupboard locks, see pages 172 and 173.

For Duplex Spring Cupboard locks, see pages 175 and 177.

For Duplex Rim Cupboard locks, see pages 176 and 177.

For Keys, see Key Section.

YALE

Duplex, Master-Key

FLUSH CUPBOARD LOCKS

WITH SPRING BOLT.

Nos. 6500S to 6525S.

WITH NEW CORRUGATED KEYS.

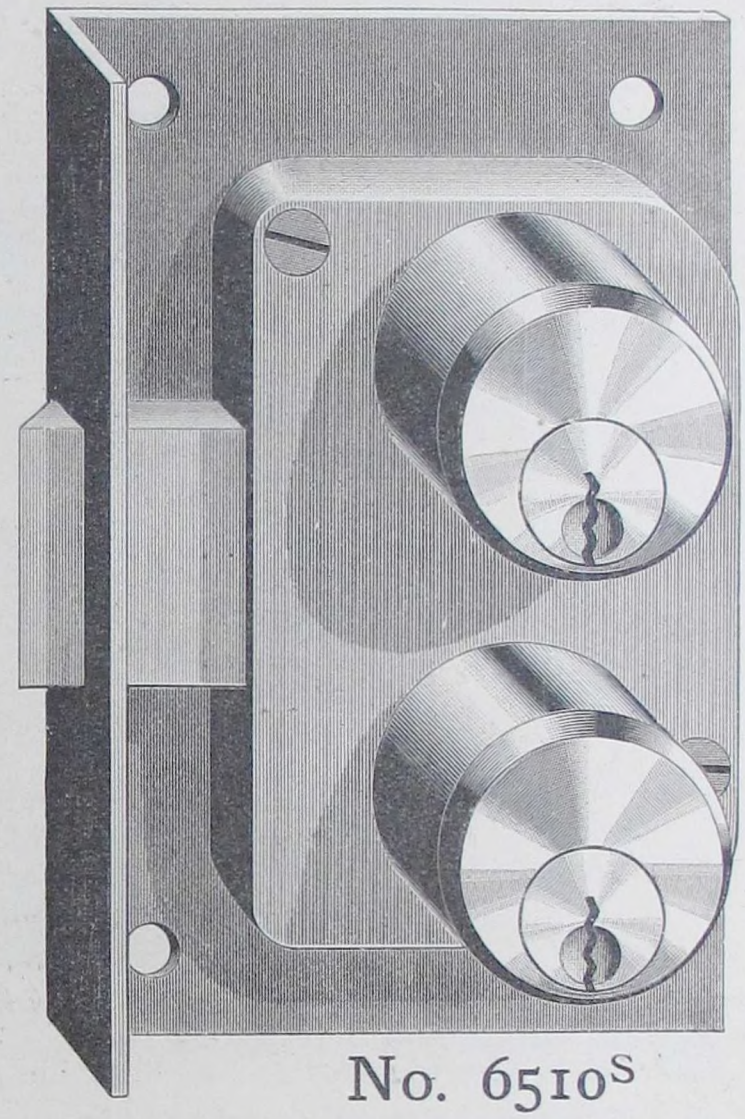
For general description and advantages, see page 160.

For Use on doors of Cupboards, Store Rooms, Book Cases, Closets, Buffets, and particularly adapted for Regalia and Gymnasium Closets.

Right or **Left**, according to order, but **not adjustable** to right and left hand doors. See page 16.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.)



CHANGE-KEY ESCUTCHEON

MASTER-KEY ESCUTCHEON.

No. 6510S

Nos. 6500S to 6505S. Distance from edge to center of escutcheons, 1 inch. **Size,** 4 ins. by 2⅛ ins.
Nos. 6510S to 6515S. Distance from edge to center of escutcheons, 1½ inches. **Size,** 4 ins. by 2⅝ ins.
Nos. 6520S to 6525S. Distance from edge to center of escutcheons, 2 inches **Size,** 4 ins. by 3⅛ ins.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
6500S	⅞ inch	Finished Brass	Plated.		6501S	⅞ inch	Finished Brass	Brass.	
6502S	1¼ inch				6503S	1¼ inch			
6504S	1½ inch				6505S	1½ inch			
6510S	⅞ inch	Finished Brass	Plated.		6511S	⅞ inch	Finished Brass	Brass.	
6512S	1¼ inch				6513S	1¼ inch			
6514S	1½ inch				6515S	1½ inch			
6520S	⅞ inch	Finished Brass	Plated.		6521S	⅞ inch	Finished Brass	Brass.	
6522S	1¼ inch				6523S	1¼ inch			
6524S	1½ inch				6525S	1½ inch			

DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **right hand** or **left hand** doors. See page 16.

For Duplex Flush Cupboard locks, with dead bolts, see pages 172 to 174.

For Duplex Rim Cupboard locks, see pages 176 and 177.

For Keys, see Key Section.

YALE

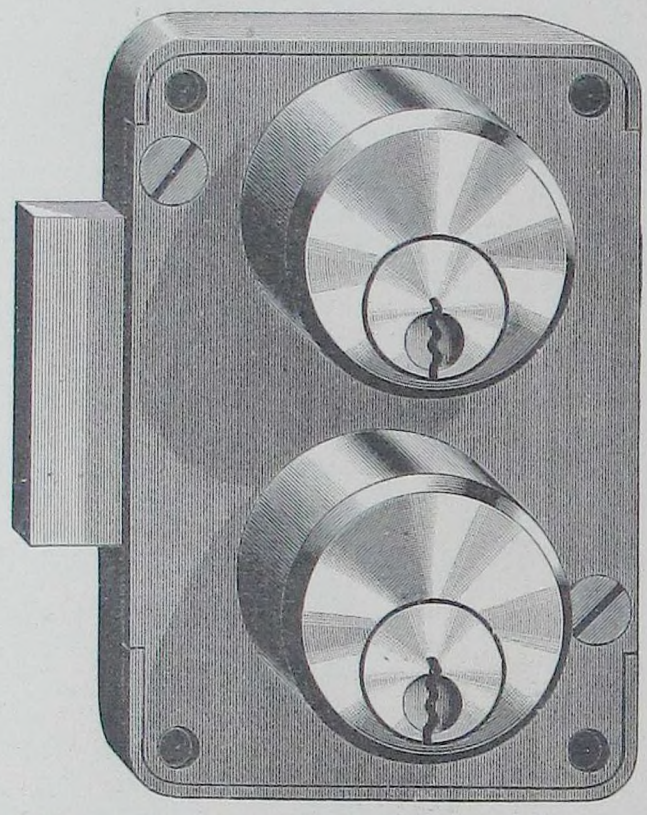
Duplex, Master-Key

RIM CUPBOARD LOCKS,

WITH DEAD BOLT.

Nos. 6000 to 6015.

WITH NEW CORRUGATED KEYS.



CHANGE-KEY ESCUTCHEON.

MASTER-KEY ESCUTCHEON.

For Use on doors of Cupboards, Store Rooms, Book Cases, Closets, Buffets, and particularly adapted for Regalia and Gymnasium Closets.

Right and Left. Nos. 6000 to 6005 can be adjusted at will both to right and left hand doors.

Right or Left. Nos. 6010 to 6015 are right and left, according to order, but are **not adjustable** to right and left hand doors. See page 16.

Length of Nose is measured from **front** of lock case to face of escutcheon.

Packed, each lock in a paper box, with screws, 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.)

Nos. 6000 to 6005. Distance from edge to center of escutcheon, 1 inch. **Case**, 3 ins. by 2 ins.

Nos. 6010 to 6015. Distance from edge to center of escutcheon, 1½ inches. **Case**, 3 ins. by 2½ ins

No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
6000	⅞ inch	Finished Brass	Plated.		6010	⅞ inch	Finished Brass	Plated.	
6002	1¼ inch				6012	1¼ inch			
6004	1½ inch				6014	1½ inch			
6001	⅞ inch	Finished Brass	Brass.		6011	⅞ inch	Finished Brass	Brass.	
6003	1¼ inch				6013	1¼ inch			
6005	1½ inch				6015	1½ inch			

DIRECTIONS FOR ORDERING.

Hand. When ordering Nos. 6510 to 6515, state whether the locks are intended for **right hand** or **left hand** doors. See page 16.

For Duplex Rim Spring Cupboard locks, see page 177.

For Duplex Flush Cupboard locks, see pages 172 to 175.

For Keys, see Key Section.

YALE

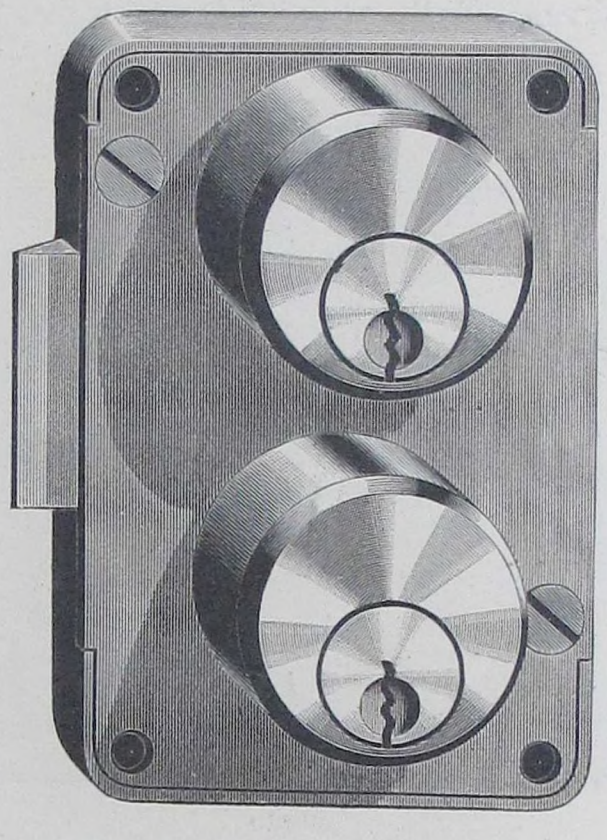
Duplex, Master-Key

RIM CUPBOARD LOCKS,

WITH SPRING BOLT.

Nos. 6000S to 6015S.

WITH NEW CORRUGATED KEYS.



CHANGE-KEY ESCUTCHEON.

MASTER-KEY ESCUTCHEON.

For general description and advantages, see page 160.

For Use on doors of Cupboards, Store Rooms, Book Cases, Closets, Buffets, and particularly adapted for Regalia and Gymnasium Closets.

Right or Left, according to order, but **not adjustable** to right and left hand doors. See page 16.

Length of Nose is measured from **front** of lock case to face of escutcheon.

Packed, each lock in a paper box, with screws, 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered).

Nos. 6000S to 6005S. Distance from edge to center of escutcheon, 1 inch. **Case,** 3 ins. by 2 ins.

Nos. 6010S to 6015S. Distance from edge to center of escutcheon, 1½ inches. **Case,** 3 ins. by 2½ ins.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
6000S	⅞ inch	Finished Brass	Plated.		6010S	⅞ inch	Finished Brass	Plated.	
6002S	1¼ inch				6012S	1¼ inch			
6004S	1½ inch				6214S	1½ inch			
6001S	⅞ inch	Finished Brass	Brass.		6011S	⅞ inch	Finished Brass	Brass.	
6003S	1¼ inch				6013S	1¼ inch			
6005S	1½ inch				6015S	1½ inch			

DIRECTIONS FOR ORDERING.

Hand. State whether the locks are intended for **right hand** or **left hand** doors. See page 16.

For Duplex Rim Cupboard locks, with dead bolts, see page 176.

For Duplex Flush Cupboard locks, see pages 172 to 175.

For Keys, see Key Section.

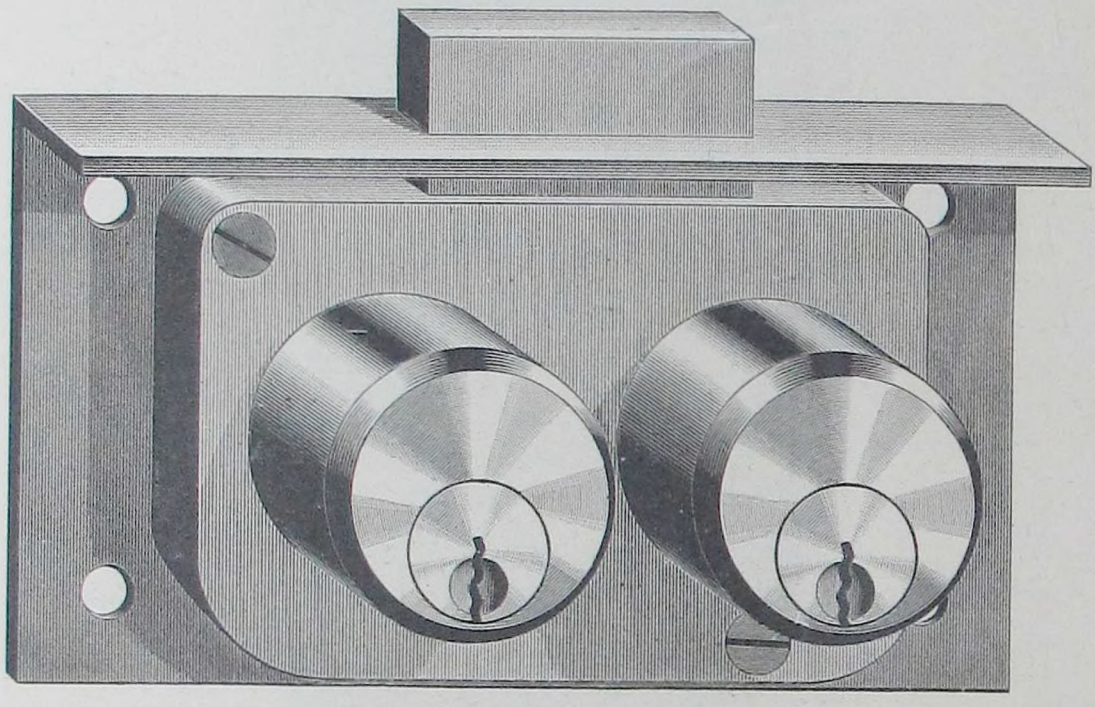
YALE

Duplex, Master-Key

FLUSH DRAWER LOCKS,

Nos. 6560 to 6575.

WITH NEW CORRUGATED KEYS.



MASTER-KEY ESCUTCHEON.

CHANGE-KEY ESCUTCHEON.

For general description and advantages, see page 160.

For Use on Drawers of all kinds.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered).

Nos. 6560 to 6565. **Material,** All Brass. **Drop,** 1 inch. **Case,** 2¼ ins. by 4 ins.

Nos. 6570 to 6575. **Material,** All Brass. **Drop,** 1½ inch. **Case,** 2¾ ins. by 4 ins.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
6560	⅞ inch	Finished Brass	Plated.		6570	⅞ inch	Finished Brass	Plated.	
6562	1¼ inch				6572	1¼ inch			
6564	1½ inch				6574	1½ inch			
6561	⅞ inch	Finished Brass	Brass.		6571	⅞ inch	Finished Brass	Brass.	
6563	1¼ inch				6573	1¼ inch			
6565	1½ inch				6575	1½ inch			

For larger size of Duplex Drawer locks, see page 179. **For Keys,** see Key Section.

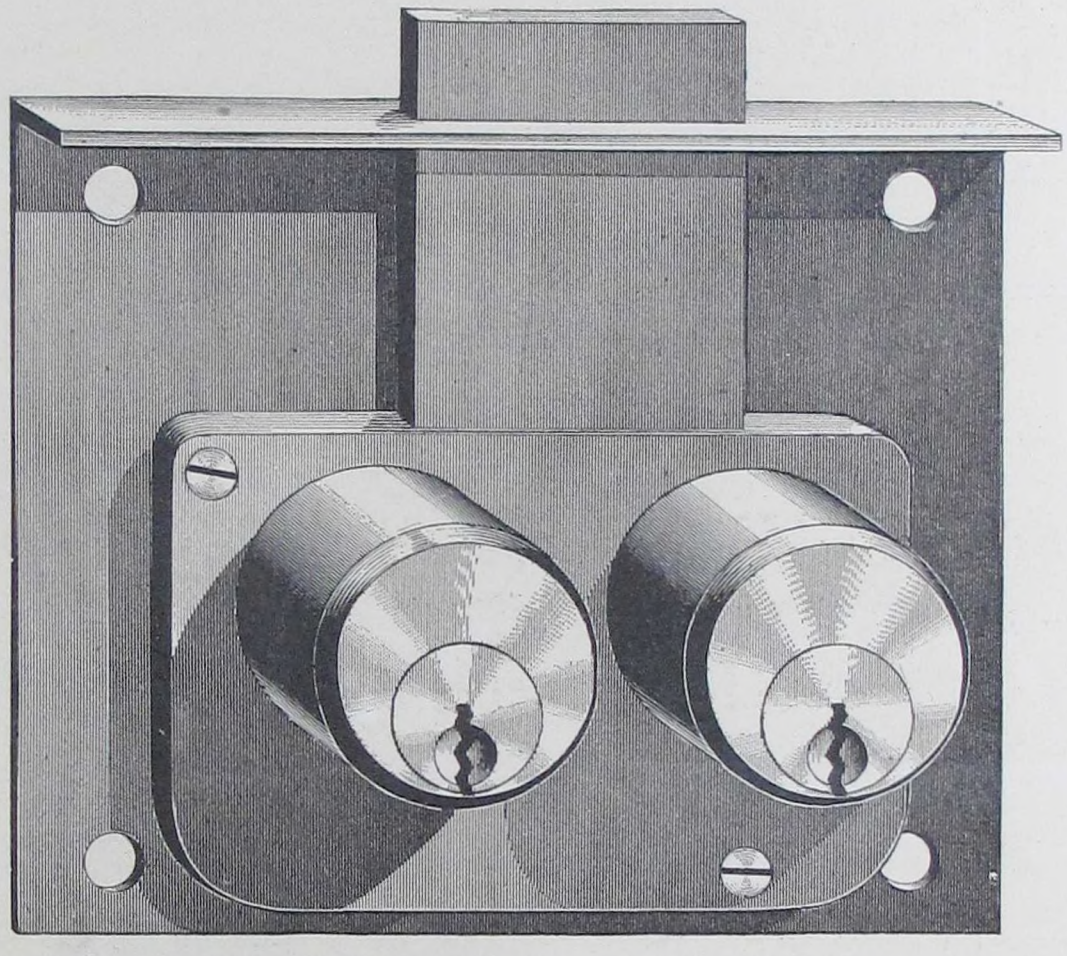
YALE

Duplex, Master-Key

FLUSH DRAWER LOCKS,

Nos. 6580 to 6585.

WITH NEW CORRUGATED KEYS.



MASTER-KEY ESCUTCHEON.

CHANGE-KEY ESCUTCHEON

For general description and advantages, see page 160.

For Use on Drawers of all kinds.

Length of Nose is measured from **back** of lock to face of escutcheon.

Packed, each lock in a paper box, with 3 Change keys, (Class No. 6), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered.)

Nos. 6580 to 6585. **Material,** All Brass. **Drop,** 2 inches. **Size,** 3¼ ins. by 4 ins.

No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
6580	⅞ inch	Finished Brass	Plated.		6581	⅞ inch	Finished Brass	Brass.	
6582	1¼ inch				6583	1¼ inch			
6584	1½ inch				6585	1½ inch			

For smaller sizes of Duplex Drawer locks, see page 178. **For Keys,** see Key Section.

TRADE
Y&T
MARK

FOR
GENERAL INDEX,
See Page 5.

THE STANDARD LOCKS.

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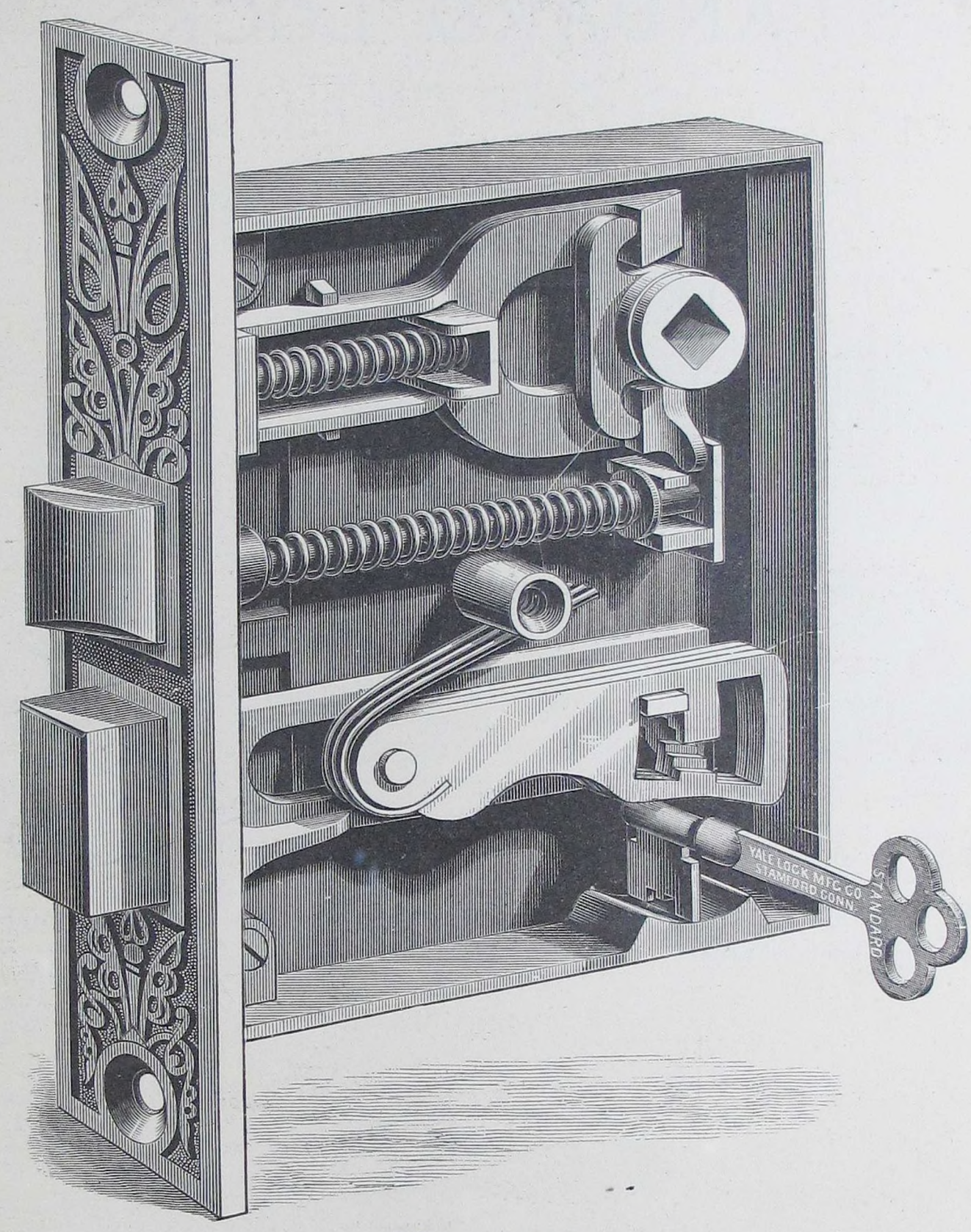
THE

STANDARD LOCKS.

In 1876, under the above trade name, we introduced this line of goods, stating that they would be found, as their name implies, "**STANDARD**" in every respect. This assurance has been made good on our part, and is appreciated by the public, as evidenced by the constantly increasing popularity of the goods.

The print facing this page is an accurate representation of a **Standard Mortise lock,** showing the construction and action of the internal parts. The front or face-plate is of bronze or brass in all cases, (except when of iron, Bower-Barff finish), and is fastened by screws to the lock case, which latter is of **annealed iron.** The dead bolt is of **bronze,** and very strong. The tumblers are of mild **steel,** and engage with a steel fence (or stump) inserted in the bolt. The key, also of steel, acts directly upon the bolt and tumblers, as shown. The latch bolt has a bronze head and wrought-iron stem. The hub (for knob spindle) is of bronze and acts, by rolling contact, upon the iron tail-piece. Coiled brass springs are always used, as being the most durable and giving the best action. A light spring is used on the latch bolt, so that the latter yields easily on closing the door, and a heavier one on the tail-piece. **Both** springs are compressed when the knob is turned, thus giving a quick, lively action to the knobs.

All of the Standard Mortise locks are similar to the above in their details.

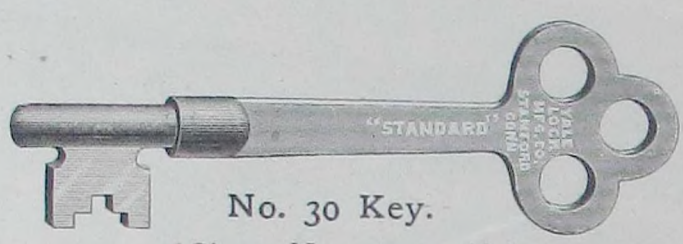


No. 1510.

STANDARD MORTISE KNOB LOCK,

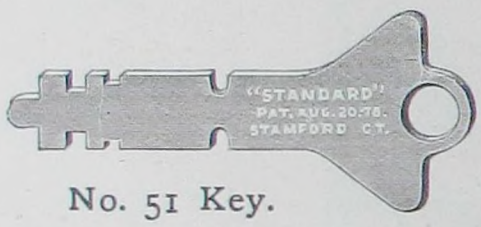
(Showing the construction and action of the internal parts.)

THE STANDARD LOCKS.

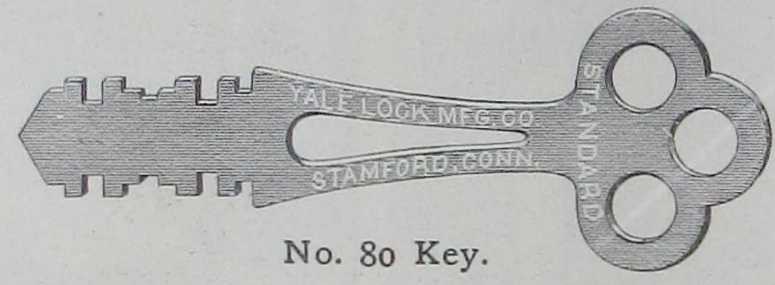


No. 30 Key.
(Sizes, Nos. 30 to 38.)

All of the Standard **Rim** and **Mortise** locks, described on page 182, have steel keys of the above form, numbered from 30 to 38, and of sizes corresponding to the kind and size of lock, except the locks shown on pages 203, 222 and 266. the keys of which are numbered 80 and are of form shown below.

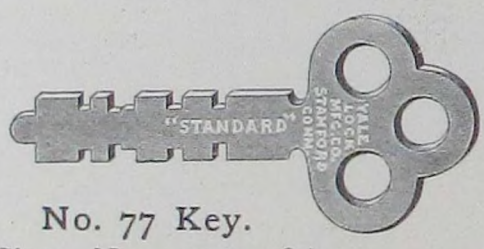


No. 51 Key.
(Sizes, Nos. 50 to 55.)



No. 80 Key.

The Standard **Cabinet** locks have flat steel keys, numbered from 50 to 55, as shown herewith, of various sizes adapted to their intended uses.



No. 77 Key.
(Sizes, Nos. 74 to 78.)

The Standard **Padlocks** have flat steel keys, numbered from 74 to 78, of above form, and of sizes proportionate to the sizes of the locks.

All of the **Standard locks** are of the **lever** or **tumbler** type, and while not so secure as the **Yale locks**, are thoroughly **first-class** in every respect, including design, materials, workmanship and finish.

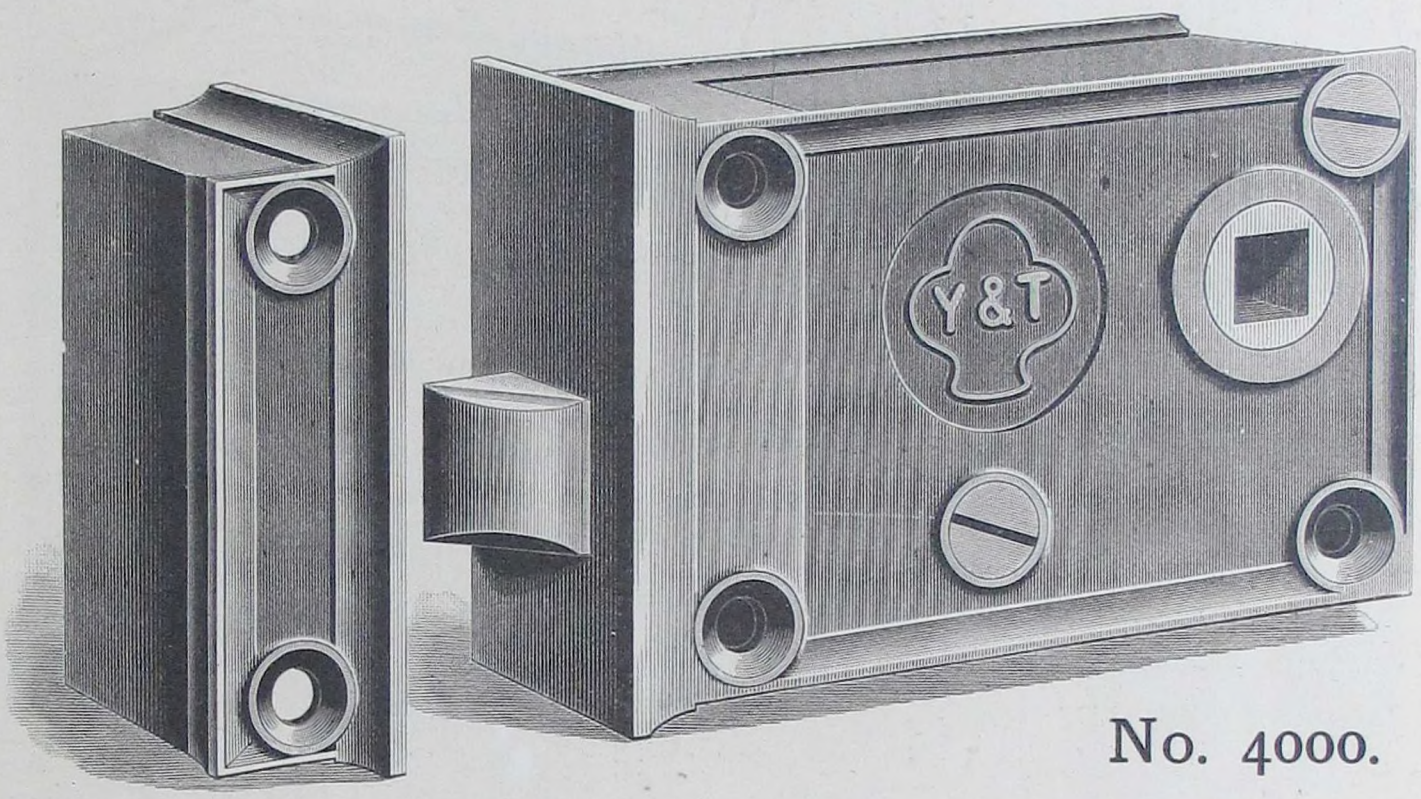
STANDARD

REVERSIBLE

EASY SPRING

RIM KNOB LATCH,

No. 4000.



No. 4000.

For Use on inside doors of Dwellings, etc.

Operated by knob from **both sides of the door.**

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with strikes and screws, complete.

Heavy Bronze Bolt.

Case, 2½ inches by 3⅜ inches.

No.	Case and Strike.	Per Dozen.
4000	Japanned Iron.	

Made also with Bronze Cases and Strikes, if so ordered.

For Knobs, see Bronze Goods Section.

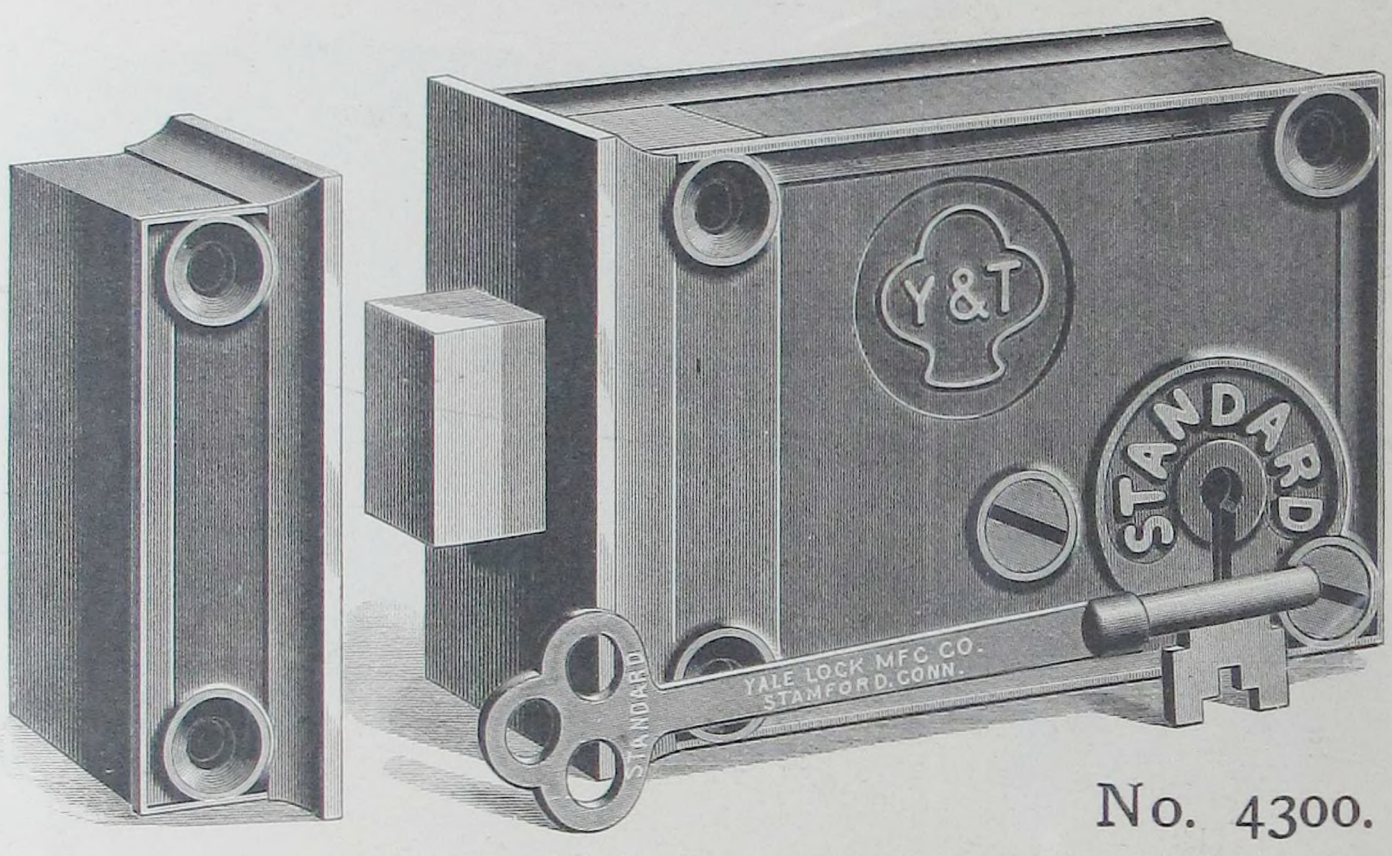
STANDARD

REVERSIBLE

RIM DEAD LOCKS,

Nos. 4300 and 4301.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 4300.

For Use on Inside doors of Dwellings, etc.

Operated by key from **both sides of the door.**

Three Tumblers, of cold rolled polished steel. 120 Changes.

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with strikes, screws, and (Class No. 35) keys, as below.

Heavy Bronze Bolt. **Case,** 2½ inches by 3⅜ inches.

No.	Case and Strike.	Keys.	Per Dozen.
4300	Japanned Iron.	One.	
4301	Japanned Iron.	Two.	

Made also with Bronze Cases and Strikes, if so ordered.

For Keys, see Key Section.

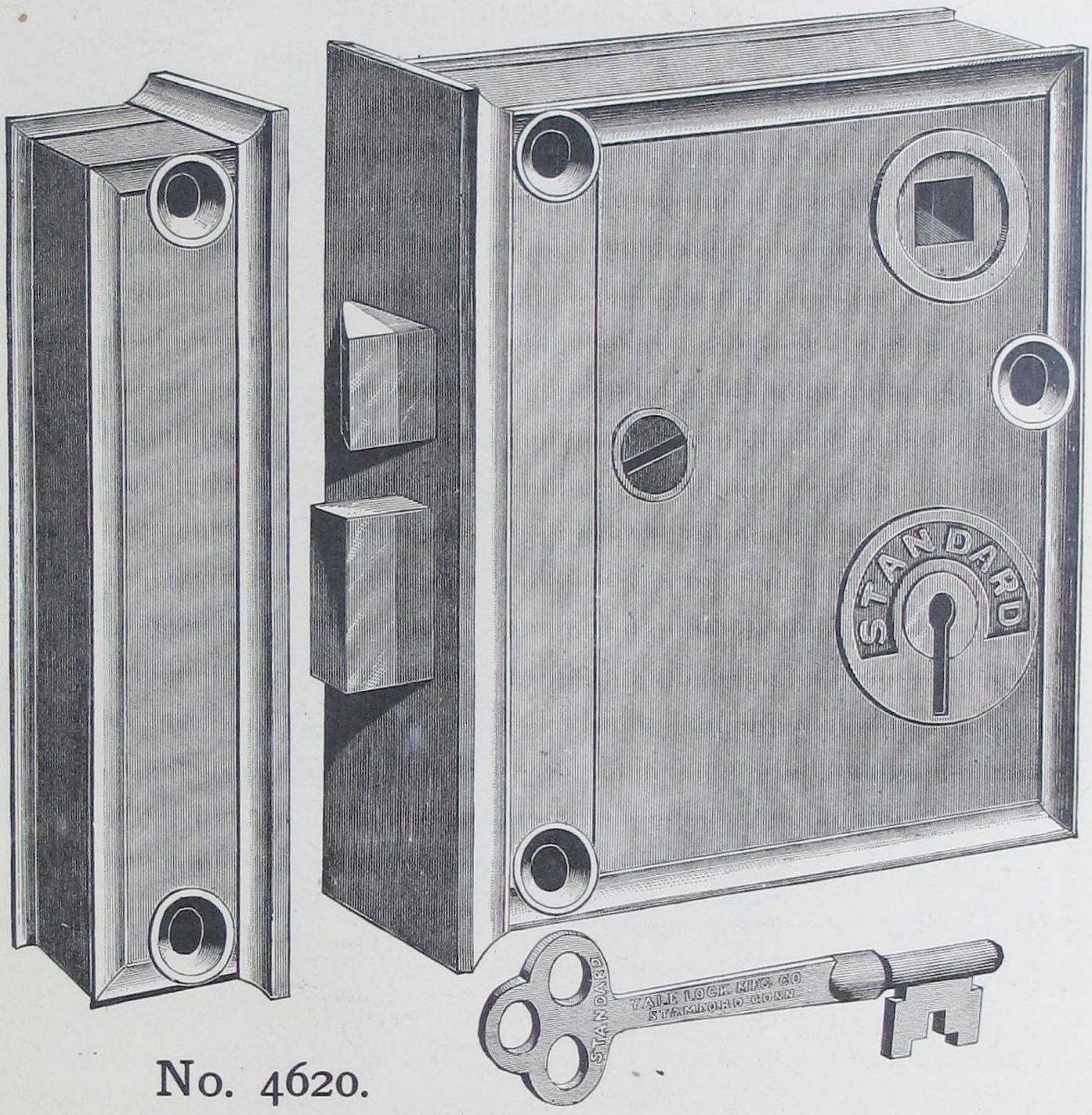
STANDARD

REVERSIBLE, EASY SPRING

RIM KNOB LOCKS,

Nos. 4620 and 4621.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 4620.

For Use on inside doors of Dwellings, etc.
Operated from **both sides of the door** by the key and knobs.
Three Tumblers, of cold rolled polished steel. **Keys,** of rolled steel, nickel-plated. **120 Changes.**
Right and **Left.** Can be applied at will both to right and left hand doors.
Packed, ½ dozen in a paper box, with strikes, screws and (Class No. 35) keys, as below.
Heavy Bronze Bolts. **Case,** 4¼ inches by 3⅜ inches.

No.	Case and Strike.	Keys.	Per Dozen.
4620	Japanned Iron.	One.	
4621	Japanned Iron.	Two.	

Made also with Bronze Cases and Strikes, if so ordered.

For Knobs, see Bronze Goods Section. **For Keys,** see Key Section.

STANDARD

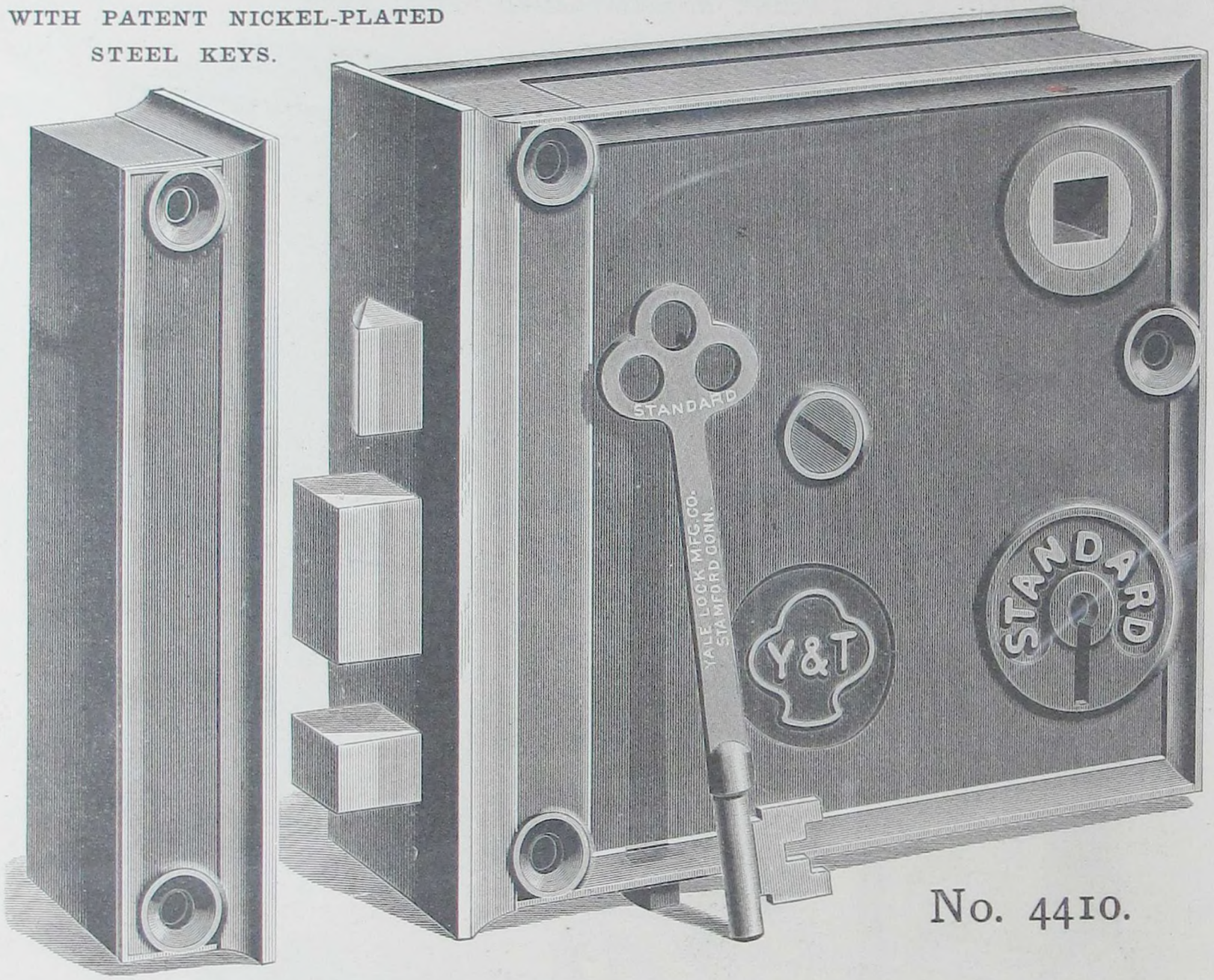
REVERSIBLE, THREE BOLT

EASY SPRING

RIM KNOB LOCKS.

Nos. 4410 and 4411.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 4410.

For Use on inside doors of Dwellings, etc.

Operated from **both sides of the door** by the key and knobs. The thumb bolt from the inside by the thumb-piece.

Three Tumblers, of cold rolled polished steel. **Keys,** of rolled steel, nickel-plated. **120 Changes.**

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with strikes, screws and keys, (Class No. 35) as below.

Heavy Bronze Bolts. **Case,** 4 inches by 4¼ inches.

No.	Case and Strike.	Keys.	Per Dozen.
4410	Japanned Iron.	One.	
4411	Japanned Iron.	Two.	

Made also with Bronze Cases and Strikes, if so ordered.

For Knobs, see Bronze Goods Section. **For Keys,** see Key Section.

STANDARD

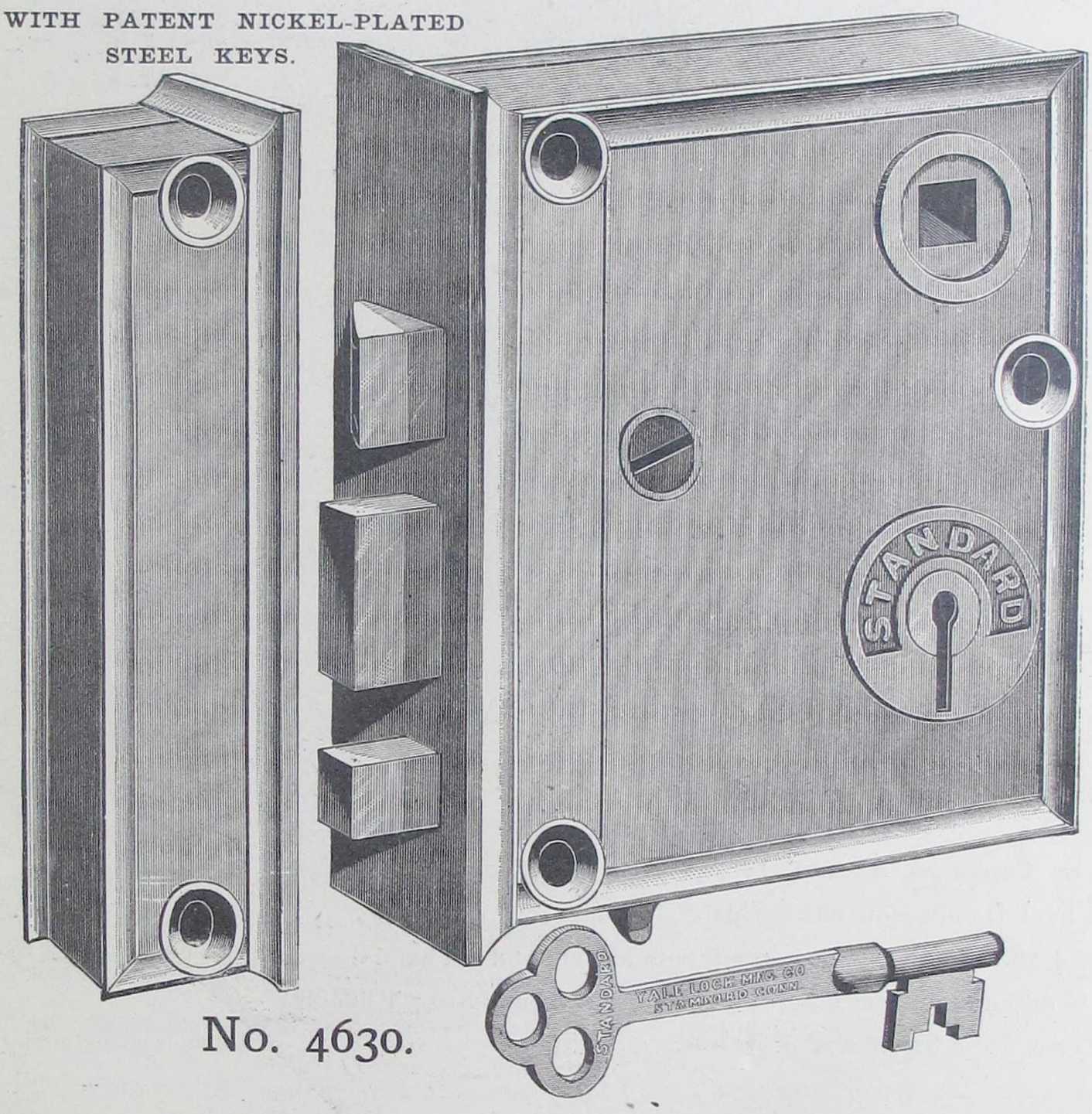
REVERSIBLE, THREE BOLT

EASY SPRING

RIM KNOB LOCKS,

Nos. 4630 and 4631.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 4630.

For Use on inside doors of Dwellings, etc.

Operated from **both sides of the door** by the key and knobs. The thumb bolt from the inside by the thumb-piece.

Three Tumblers, of cold rolled polished steel. **Keys,** of rolled steel, nickel-plated. **120 Changes.**

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with strikes, screws and keys, (Class No. 35) as below.

Heavy Bronze Bolts. **Case,** 4¼ inches by 3⅜ inches.

No.	Case and Strike.	Keys.	Per Dozen.
4630	Japanned Iron.	One.	
4631	Japanned Iron.	Two.	

Made also with Bronze Cases and Strikes, if so ordered.

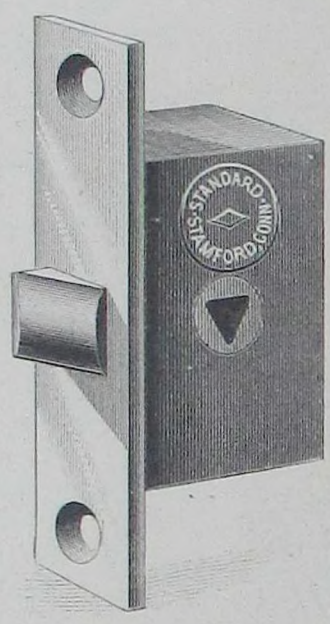
For Knobs, see Bronze Goods Section. **For Keys,** see Key Section.

STANDARD

EASY SPRING

MORTISE LATCH,

No. 1004.



Distance from edge of door to center of Hub, ½ inch. Thickness of Case, ½ inch.

For Use on Cupboard, Show Case and other light doors.

Operated by T Handle from **either side of the door.**

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with strikes, screws and No. 7 T handles.

Bronze Front, Bolt, Strike and T Handle. **Case,** 1¼ inches by ⅞ inches.

No.	Front and T Handle.	Per Dozen. With No. 7 T Handle.	Per Dozen. Without T Handle.
1004	Plain Bronze.		

For T Handle, see Bronze Goods Section.

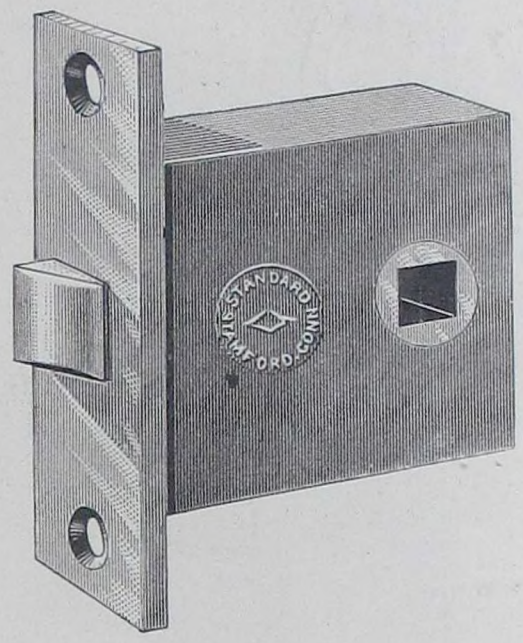
For larger latches of this class, see No. 1009, page 191, No. 1008, page 192, No. 1020, page 193, and No. 1000, page 194.

STANDARD

EASY SPRING

MORTISE LATCH,

No. 1009.



Distance from edge of door to center of Hub, 1⅛ inch. Thickness of Case, ⅜ inch.

For Use on Cupboard, Show Case and other light doors.

Operated by T Handle, from **either side of the door.**

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, 1 dozen in a paper box, with strike, screws and No. 8 T Handle, complete.

Bronze Front, Bolt, Strike and T Handle. **Case,** 1⅜ inches by 1½ inches.

No.	Front and T Handle.	Per Dozen, With No. 8 T Handle.	Per Dozen, Without T Handle.
1009	Plain Bronze.		

For T Handle, see Bronze Goods Section.

For smaller latches of this class, see No. 1004, page 190.

For larger latches of this class, see No. 1008, page 192, No. 1020, page 193, and No. 1000, page 194.

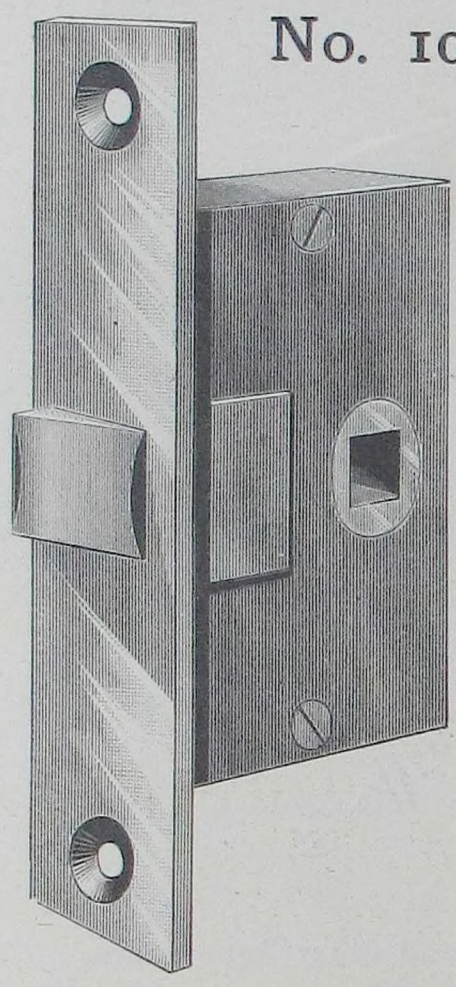
For Dead lock to use with above, see No. 1049, page 195, and Nos. 910, etc., page 198.

STANDARD

EASY SPRING

MORTISE KNOB LATCH.

No. 1008.



No. 1008.

Distance from edge of door to center of Hub, 1 inch. Thickness of Case, ½ inch.

For Use on Inside Doors, Window Sashes, Screen Doors, etc., etc.

Operated by knobs from **both sides of the door.**

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with strikes and screws.

Heavy Bronze Front, Bolt and Strike. **Case,** 2¼ inches by 1½ inches.

No.	Front.	Per Dozen.
1008	Plain Bronze.	

For smaller latches of this class, see No. 1004, page 190, and No. 1009, page 191.

For larger latches of this class, see No. 1020, page 193, and No. 1000, page 194.

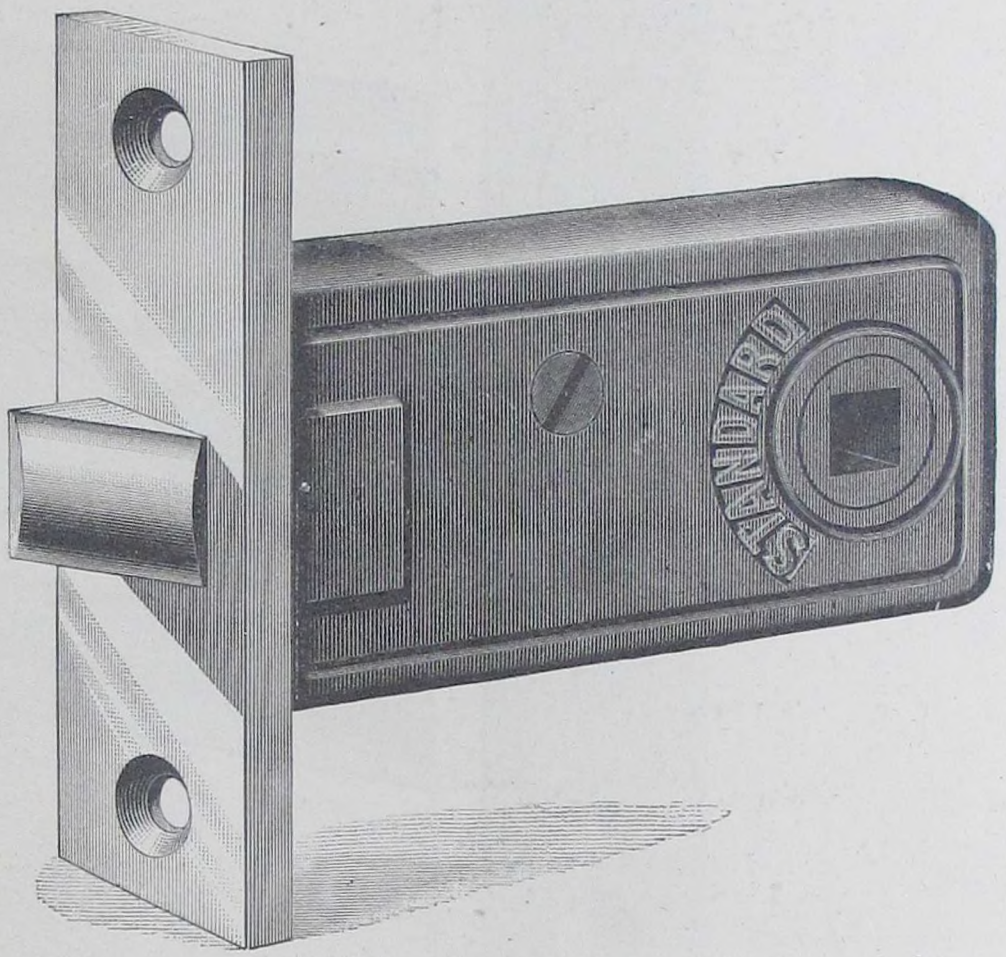
For Knobs, see Bronze Goods Section.

STANDARD

EASY SPRING

MORTISE KNOB LATCH,

No. 1020.



No. 1020.

Distance from edge of door to center of Hub, 2⅝ inches. Thickness of Case, ⅝ inch.

For Use on inside doors.

Operated by knobs from **both sides of the door.**

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with strikes and screws.

Heavy Bronze Front, Bolt and Strike. **Case,** 1¾ inches by 3¼ inches.

No.	Front.	Per Dozen.
1020	Plain Bronze.	

For Knobs, see Bronze Goods Section.

For smaller latches of this class, see No. 1004, page 190, No. 1009, page 191, No. 1008, page 193.

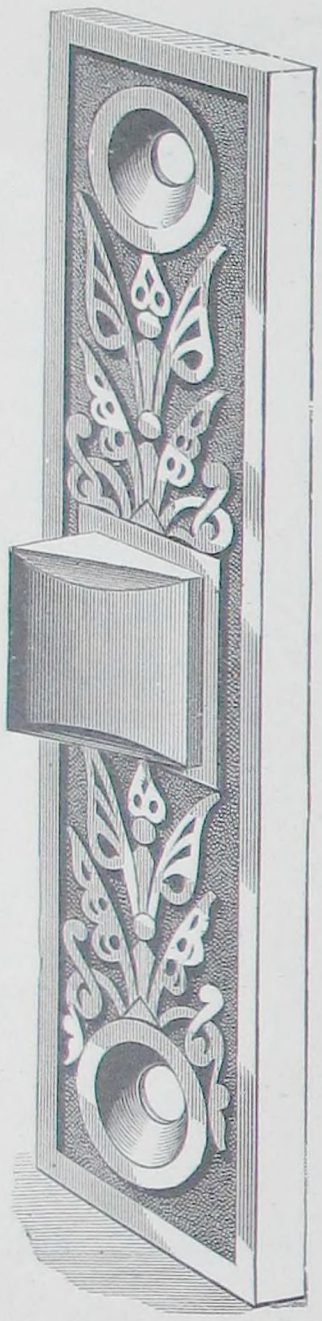
For larger latches of this class, see No. 1000, page 194.

STANDARD

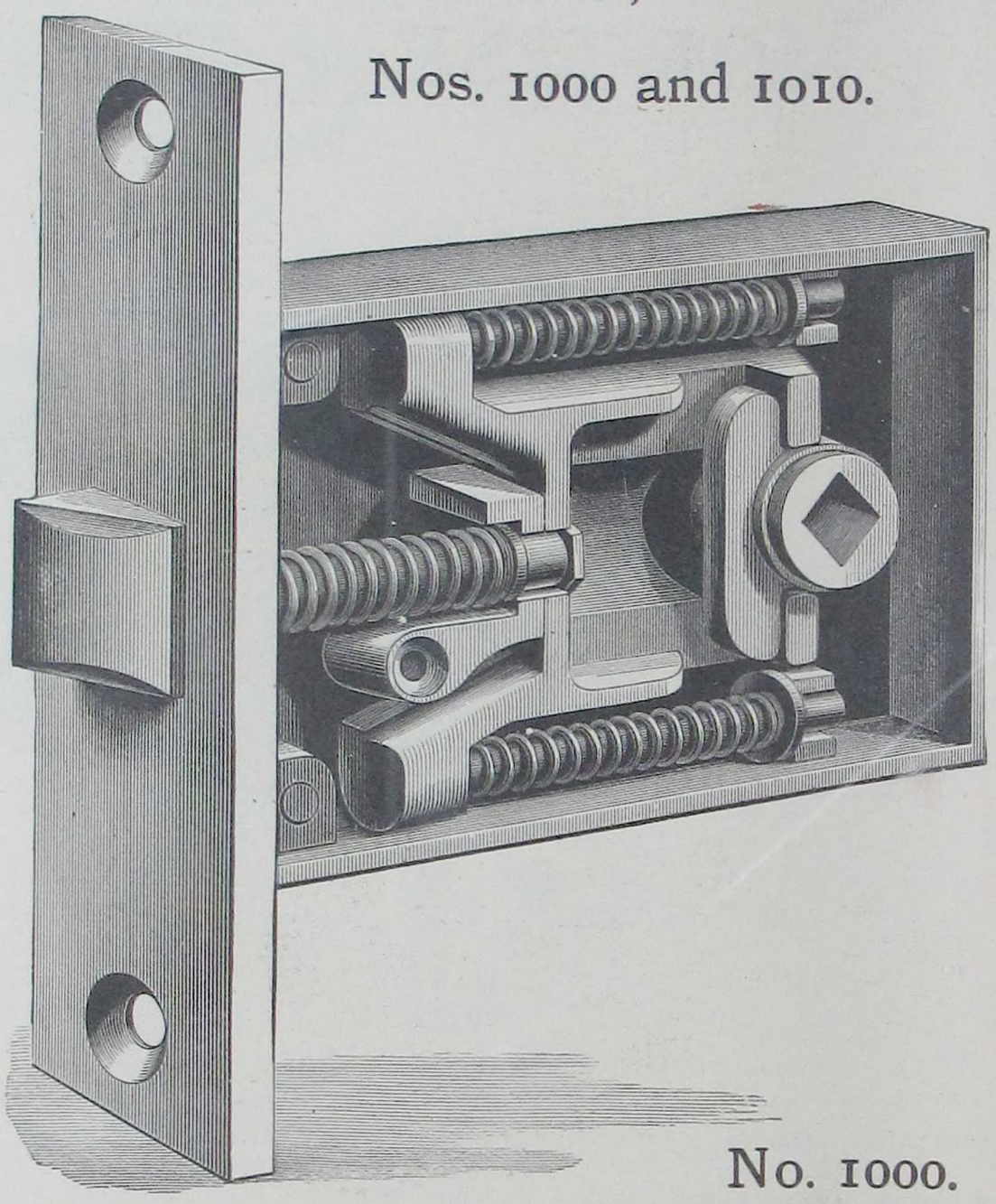
EASY SPRING, MORTISE

KNOB LATCHES,

Nos. 1000 and 1010.



FRONT
For No. 1010 Lock.



No. 1000.

Distance from edge of door to center of Hub, 2¾ inches.
Thickness of Case, ⅝ inch.

For Use on doors of communicating rooms, and on outside doors with **Yale Rim Locks, Nos. 30, etc.,** page 34, **Yale Mortise Latches, Nos. 60, etc.,** pages 52 to 61, **and Standard Locks, No. 1300,** page 201, **No. 2400,** page 254, **and No. 2500,** page 255.

Operated by knob from **both sides of the door.**

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with screws and strikes.

Heavy Bronze Front, Bolts and Strike. **Case,** 2¼ inches by 3½ inches.

No	Front.	Per Dozen.
1000	Plain Bronze.	
1010	Ornamental Bronze.	

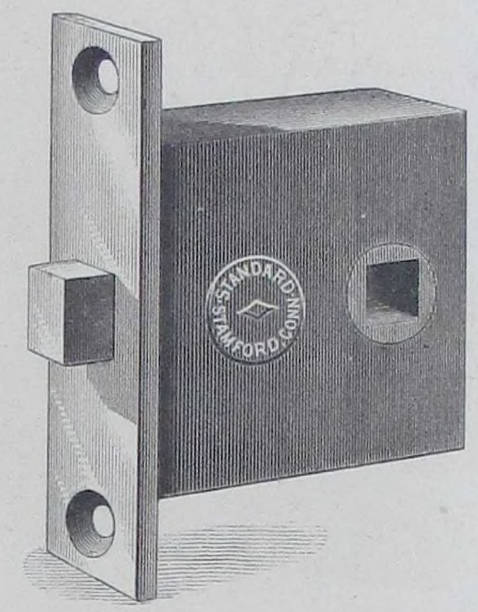
For smaller latches of this class, see No. 1004, page 190, No. 1009, page 191, No. 1008, page 192, and No. 1020, page 193.

For Knobs, see Bronze Goods Section.

STANDARD

MORTISE KNOB BOLT,

No. 1049.



No. 1049.

Distance from edge of door to center of Hub, 1⅛ inches. Thickness of Case, ⅜ inch.

For Use on sashes of inside swinging windows.

Operated by T handle from **either side.**

Right and **Left.** Can be applied at will both to right and left hand sashes.

Packed, ½ dozen in a paper box, with strikes, screws and No. 8 T Handles.

Bronze Front, Bolt and Strike. **Case,** 1⅜ inches by 1½ inches.

No.	Front and T Handle.	Per Dozen. With No. 8 T Handle.	Per Dozen. Without T Handle.
1049	Plain Bronze.		

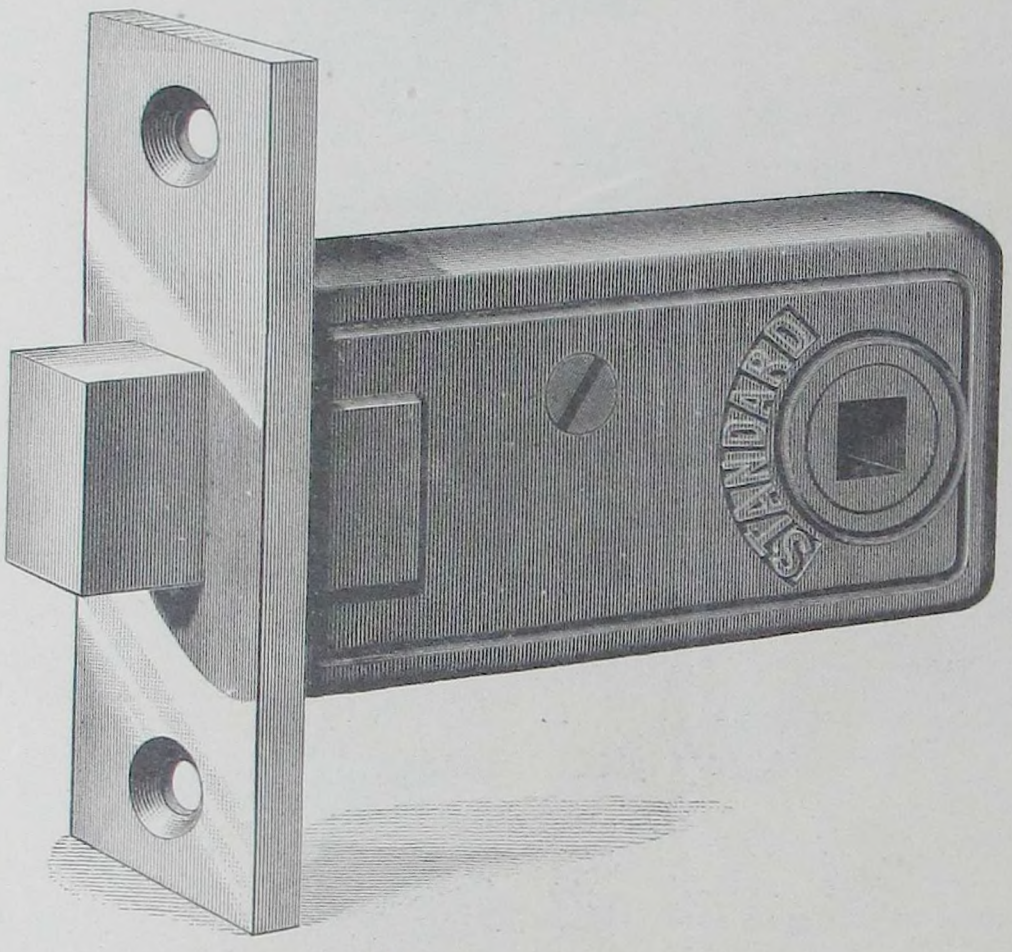
For T Handles, see Bronze Goods Section.

For larger Bolts of this class, see No. 1060, page 196, and No. 1040, page 197.

STANDARD

MORTISE KNOB BOLT,

No. 1060.



No. 1060.

Distance from edge of door to center of Hub, 2⅝ inches. Thickness of Case, ⅝ inch.

For Use on doors of communicating rooms, and on outside doors with **Yale Rim Latches, Nos. 40, etc.,** pages 36 to 45, **Yale Mortise Latches, Nos. 60, etc.,** pages 52 to 61, **and Standard Latches, No. 2400,** page 254, **and No. 2500,** page 255.

Operated by thumb-piece from **one side of the door.**

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with strikes, thumb-pieces, and screws.

Heavy Bronze Front, Bolt and Strike. **Case,** 1¾ inches by 3¼ inches.

No.	Front.	Thumb-Piece.	Per Dozen, with Thumb-pieces.	Per Dozen. without Thumb-pieces.
1060	Plain Bronze.	Plain Bronze. (No. 1.)		

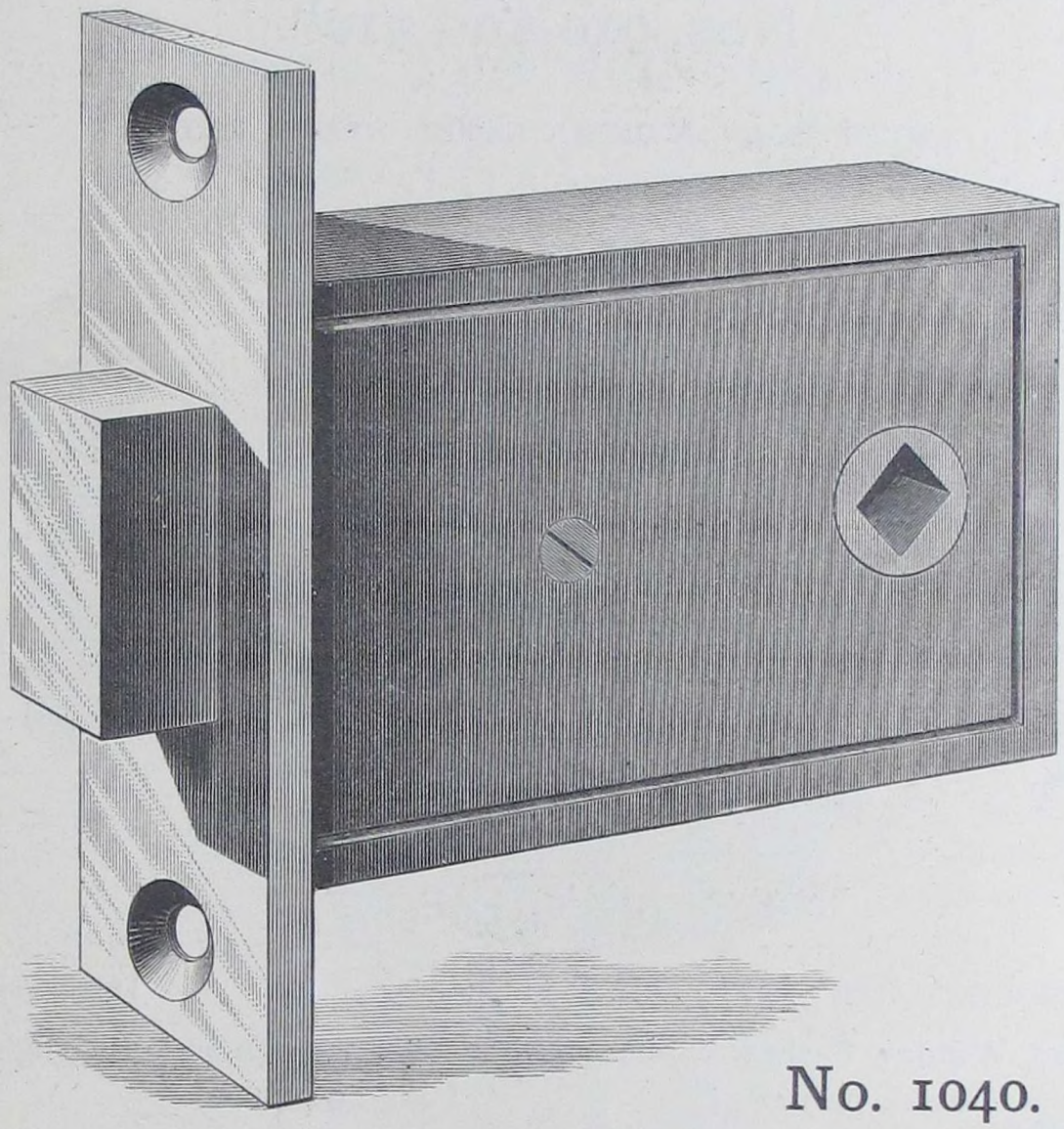
For Thumb-pieces, see Bronze Goods Section.

For larger Bolts of this class, see Nos. 1040, etc., page 197.

For smaller Bolts of this class, see No. 1049, page 195.

STANDARD MORTISE KNOB BOLTS,

Nos. 1040 and 1050.



No. 1040.

Distance from edge of door to center of Hub, 2¾ inches. Thickness of Case, ¾ inch.

For Use on doors of communicating rooms, and on outside doors with Yale Rim Latches, Nos. 40, etc., pages 36 to 45, **Yale Mortise Latches, Nos. 60, etc.,** pages 52 to 61, **and Standard Latches, No. 2400,** page 254, **and No. 2500,** page 255.

Operated by thumb-piece from **one side of the door.**

Right and Left. Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with strikes, thumb-pieces, and screws.

Heavy Bronze Front, Bolt and Strike. **Case,** 2½ inches by 3½ inches.

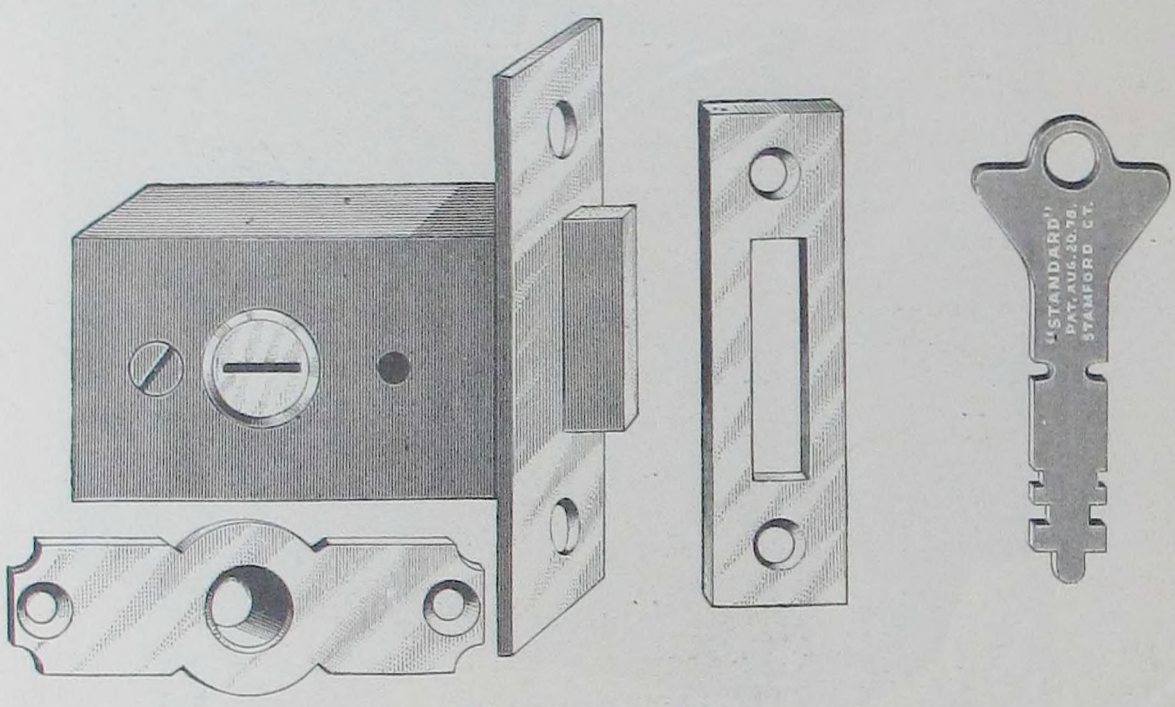
No.	Front.	Thumb-Piece.	Per Dozen, with Thumb-pieces.	Per Dozen, without Thumb-pieces.
1040	Plain Bronze.	Plain Bronze. (No. 1.)		
1050	Ornamental Bronze.	Ornamental Bronze. (No. 2.)		

For smaller bolts of this class, see No. 1049, page 195, and No. 1060, page 196.

For Thumb-pieces, T Handles, and 1¾ inch **Knobs,** see Bronze Goods Section.

STANDARD
MORTISE DEAD LOCKS,
Nos. 910 and 910P.

WITH FLAT NICKEL-PLATED STEEL KEYS.



No. 910P.

Distance from edge of door to center of Key-hole, 1⅛ inches. Thickness of Case, ⅜ inches.

For Use on Drawers, Window Sashes, Cupboard, Show Case, Screen and other light doors.

Operated by key from **one side only.** **Two Tumblers.** **12 Changes.**

Right and Left. Can be applied at will both to right and left hand doors.

Packed, 1 dozen in a paper box, complete, with strikes, screws, escutcheon, and 2 keys, (Class No. 50), to each lock.

Bronze Front, Bolt and Strike. **Case,** 1⅛ inches by 1⅞ inches.

No.	Front.	Escutcheon.	Per Dozen.
910	Plain Bronze.	Ornamental Bronze.	
910P	Plain Bronze.	Plain Bronze.	

For larger locks of this class, see No. 1308, page 199, No. 1340, page 200, No. 1300, page 201, Nos. 1200, etc., page 202, and Nos. 1248, etc., page 203.

For Latches adapted for use with the above, see No. 1004, page 90, and No. 1009, page 91.

For other Drawer Locks, see pages 273, and 276 to 282.

For other Cupboard Locks, see pages 136 to 139.

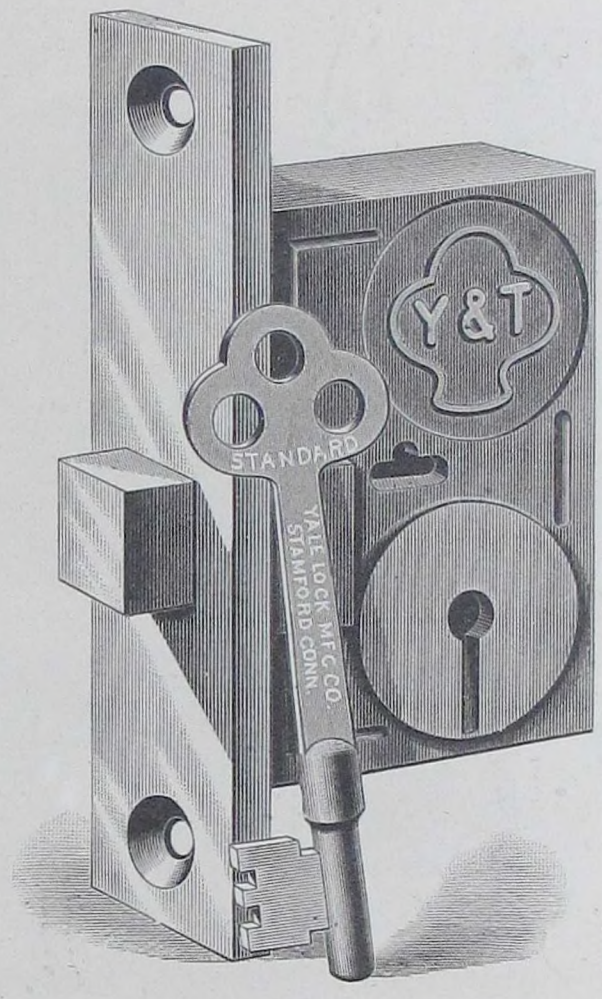
For other Sash Fasteners, see No. 912, page 275, and Bronze Goods Section.

STANDARD

MORTISE DEAD LOCKS,

Nos. 1308 and 1309.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 1308.

Distance from edge of door to center of Key-holes, 1 inch. Thickness of Case, ½ inch.

For Use on Closet and light doors of Store Rooms, Hospitals, Reform Schools, Asylums, etc.
Operated by key from **both sides of the door.**
Three Tumblers, of cold rolled polished steel. 48 Changes.
Right and **Left.** Can be applied at will both to right and left hand doors.
Packed, ½ dozen in a paper box, with strikes, key-plates, and keys, (Class No. 30), as below.
Heavy Bronze Front, Bolt and Strike. **Case,** 2¼ inches by 1½ inches.

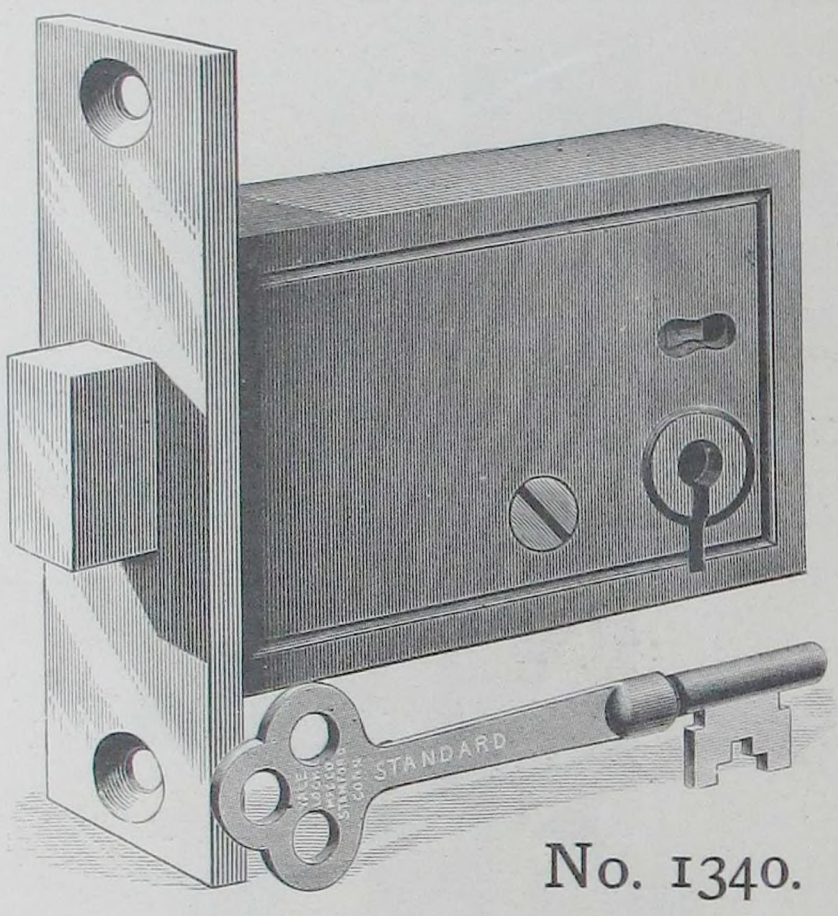
No	Front.	Key Plates.	Keys.	Per Dozen.
1308	Plain Bronze.	Plain Bronze. (No. 818P.)	One.	
1309	Plain Bronze.	Plain Bronze. (No. 818P.)	Two.	

For Key Plates, see Bronze Goods Section. **For Keys,** see Key Section.
For larger locks of this class, see No. 1340, page 200, No. 1300, page 201, No. 1200, page 202, and Nos. 1248, etc., page 203.
For smaller locks of this class, see No. 910, page 198.

STANDARD MORTISE DEAD LOCKS,

Nos. 1340 and 1341.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 1340.

Distance from edge of door to center of Key-holes, 2 inches. Thickness of Case, ½ inch.

For Use on Closet and light doors of Store Rooms, Hospitals, Reform Schools, Asylums, etc.

Operated by key from **both sides of the door.**

Three Tumblers, of cold rolled polished steel. **48 Changes.**

Keys of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ½ dozen locks in a paper box, with screws, strikes, key-plates, and keys, (Class No. 30), as below.

Heavy Bronze Front, Bolt and Strike. **Case,** 1¾ inches by 2½ inches.

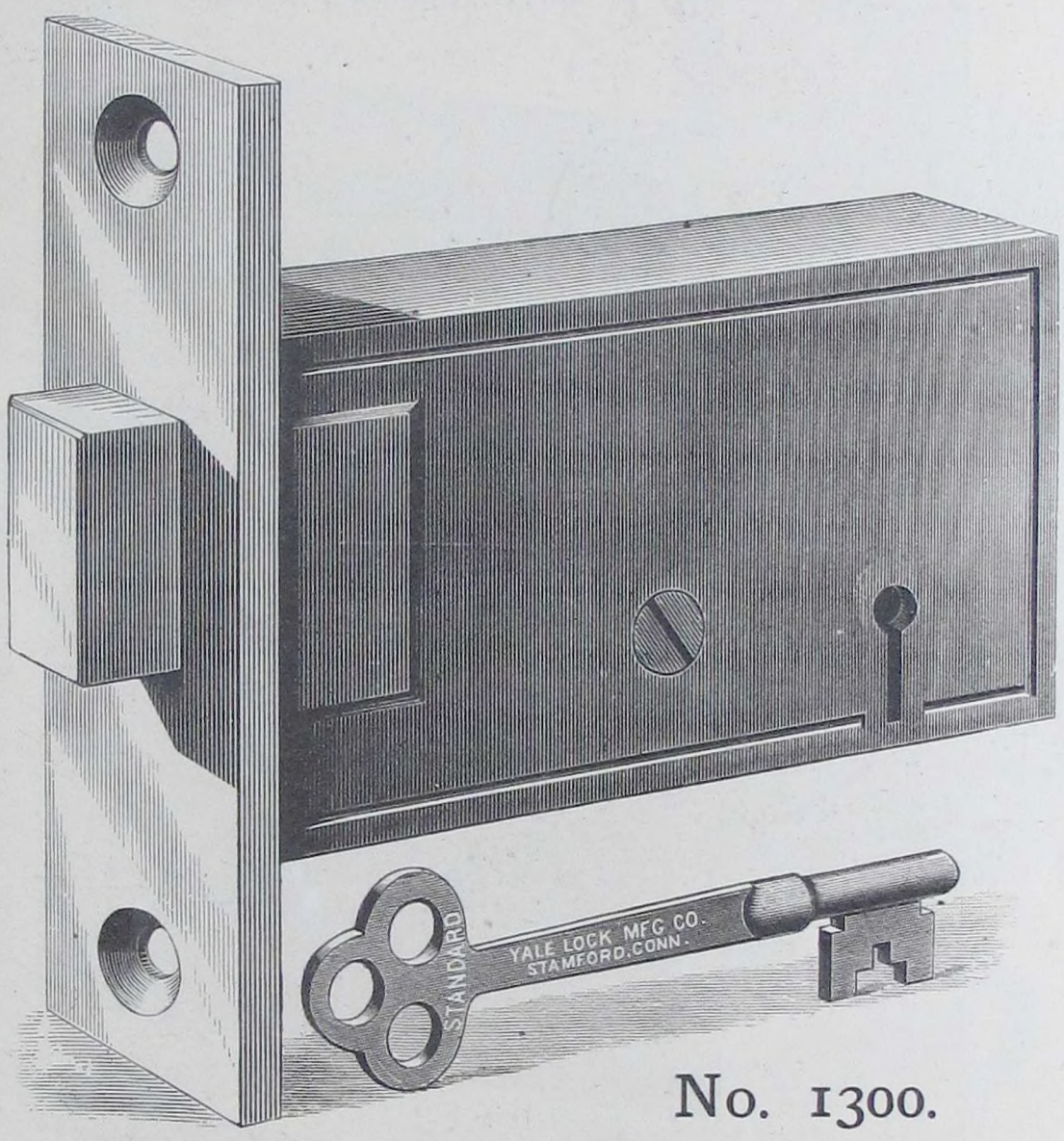
No.	Front.	Key Plates.	Keys.	Per Dozen.
1340	Plain Bronze.	Plain Bronze. (No. 812P.)	One.	
1341	Plain Bronze.	Plain Bronze. (No. 812P.)	Two.	

For larger locks of this class, see No. 1300, page 201, No. 1200, page 202, and Nos. 1248, etc., page 203.
" smaller " " " see No. 910, page 198, and No. 1308, page 199.
For Key Plates, see Bronze Goods Section. **For Keys,** see Key Section.

STANDARD MORTISE DEAD LOCK,

No. 1300.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 1300.

Distance from edge of door to center of Key-holes, 2¾ inches. Thickness of Case, ⅝ inch.

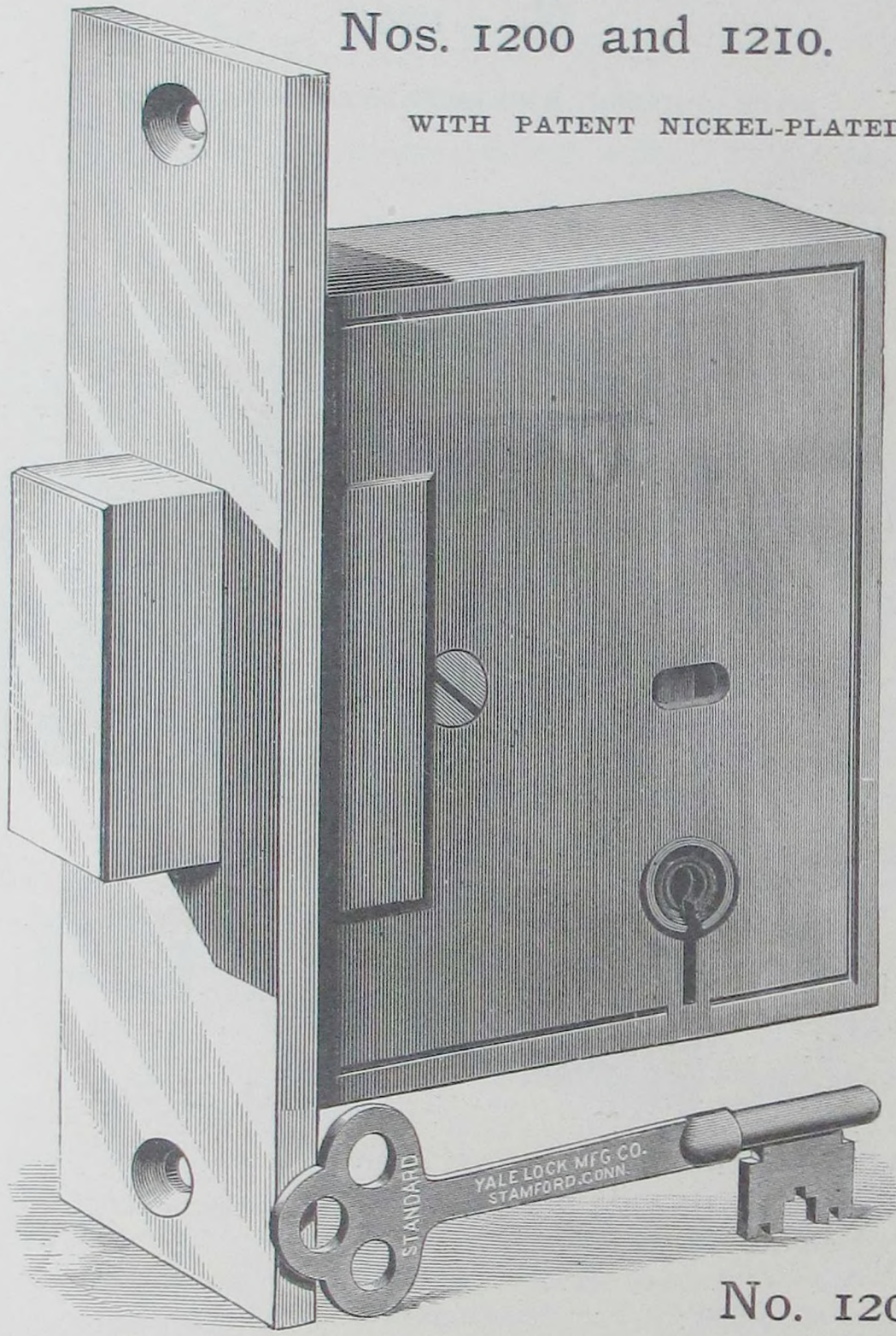
For Use on Closet, Store Room, Hospital, Reform School and Asylum doors.
Operated by key from **both sides of the door.**
Three Tumblers, of cold rolled polished steel. **120 Changes.**
Right and **Left.** Can be applied at will both to right and left hand doors.
Packed, ¼ dozen locks in a paper box, with 2 keys, (Class No. 34), key-plates, screws and strikes.
Heavy Bronze Front, Bolt and Strike. **Case,** 2⅛ inches to 3⅛ inches.

No.	Front.	Key Plates.	Keys.	Per Dozen.
1300	Plain Bronze.	Plain Bronze. (No. 812P.)	Two.	

For larger locks of same class, see No. 1200, page 202, and Nos. 1248, etc., page 203.
" **smaller** " " " see No. 910, page 198, No. 1308, page 199, and No. 1340, page 200.
For Key Plates, see Bronze Goods Section. **For Keys,** see Key Section.

STANDARD
MORTISE DEAD LOCKS,
Nos. 1200 and 1210.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 1200.

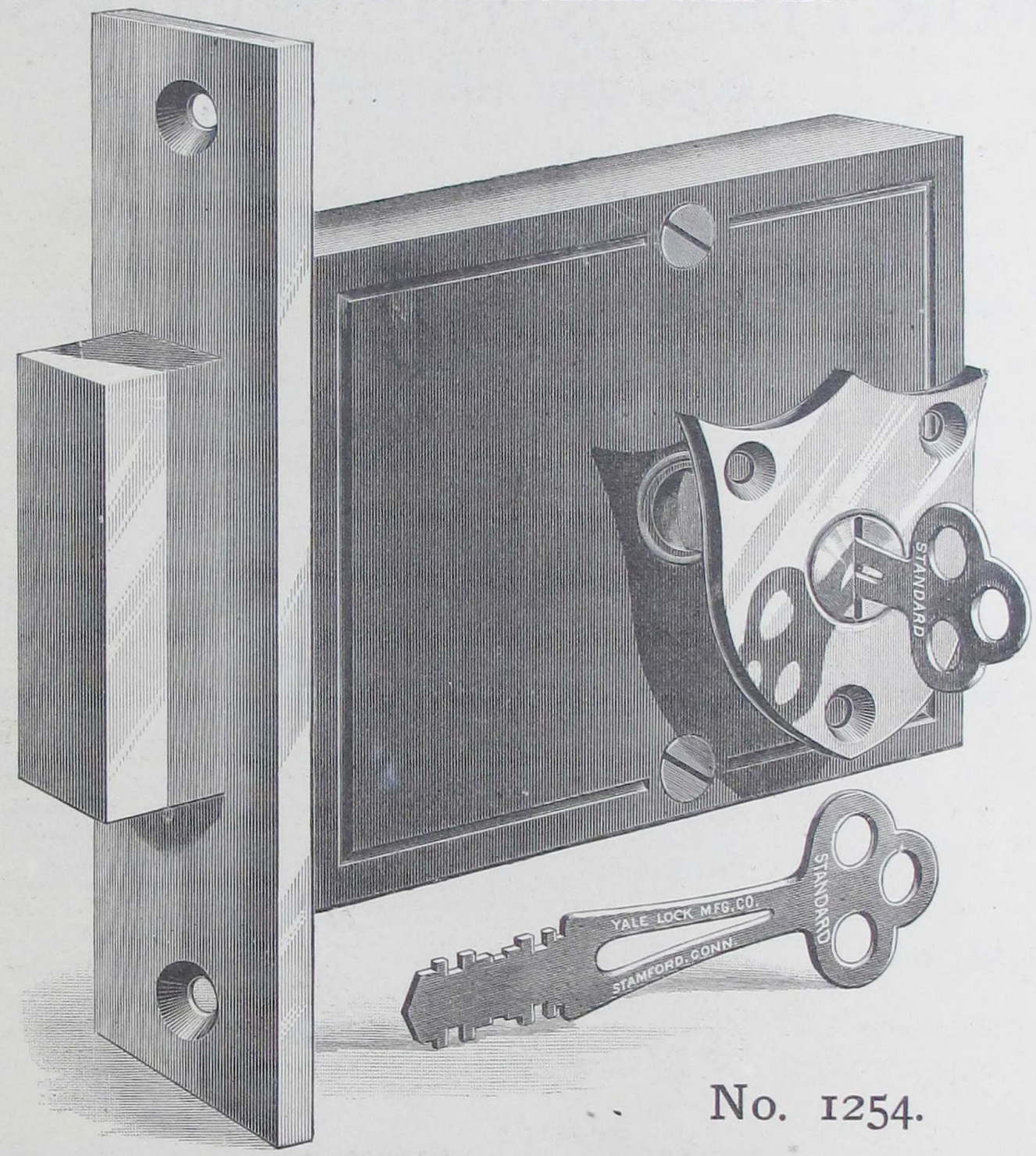
Distance from edge of door to center of Key-holes, 2 inches. Thickness of Case, ¾ inch.
For Use on doors of Stores, Factories, Banks, Public Buildings, etc.
Operated by key from **both sides of the door.** **Five Tumblers.** **1600 Changes.**
Right and **Left.** Can be applied at will both to right and left hand doors.
Packed, each lock in a paper box, with 3 keys, (Class No. 38), key plates, screws and strike.
Heavy Bronze Front, Bolt and Strike. **Case,** 3¾ inches by 3 inches.

No.	Front.	Key Plates.	Keys.	Per Dozen.
1200	Plain Bronze.	Plain Bronze. (No. 708P.)	Three.	
1210	Ornamental Bronze.	Ornamental Bronze. (No. 707.)	Three.	

For Key Plates, see Bronze Goods Section. **For Keys,** see Key Section.
For larger locks of same class, see Nos. 1248, etc., page 203.
" **smaller** " " " " see No. 910, page 198, No. 1308, page 199, No. 1340, page 200, and No. 1300, page 201.

STANDARD
MORTISE DEAD LOCKS,
Nos. 1246 to 1254.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 1254.

Distance from edge of door to center of Key-holes, 2¼ inches. Thickness of Case, ¾ inch.
For Use on doors of Stores, Factories, Banks, Public Buildings, etc.
Operated by the key from **both sides of the door.** Key can enter either edge upward.
Four Tumblers, of cold rolled polished steel. **600 Changes.**
Right and **Left.** Can be applied at will both to right and left hand doors.
Packed, ¼ dozen locks in a paper box, with 2 keys, (Class No. 80,) key-plates, screws and strikes.
Heavy Bronze Front, Bolt and Strike. **Case,** 3¼ inches by 3¾ inches.

No.	Front.	Bolt.	Key Plates.	Keys.	Per Dozen.
1248	Iron.	Iron.	Plain Bronze.	Two.	
1246	Plain Bronze.	Iron.	Plain Bronze.	Two.	
1250	Ornamental Bronze.	Plain Bronze.	Ornamental Bronze.	Two.	
1254	Plain Bronze.	Plain Bronze.	Plain Bronze.	Two.	

For smaller locks of this class, see pages 198 to 201. **For Keys,** see Key Section.

STANDARD

EASY SPRING

MORTISE KNOB LOCKS,

Nos. 1640 and 1641.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on French Windows, Cupboard, Book Case, and other light doors.

Operated by key and lever handles from both sides of the door. Three Tumblers. 18 Changes.

Keys, of rolled steel, nickel-plated. The stem and bits, which receive all the wear, are rolled in one solid piece. The parts are solidly riveted together, not soldered or brazed.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, ¼ dozen in a paper box, with strikes, 2 plates, lever handles No. 11, screws, and keys, (Class No. 30), as below.

Bronze Front, Bolts and Strike. Case, 3½ inches by 1½ inches.

No.	Front.	Plates and *Lever Handles.	Keys.	Per Dozen Complete, With 2 Lever Handles and Plates.	Per Dozen, Complete, With 1 Lever Handle and Plate.	Per Dozen. without Lever Handles.
1640	Plain Bronze.	Plain Bronze.	One.			
1641	Plain Bronze.	Plain Bronze.	Two.			

DIRECTIONS FOR ORDERING.

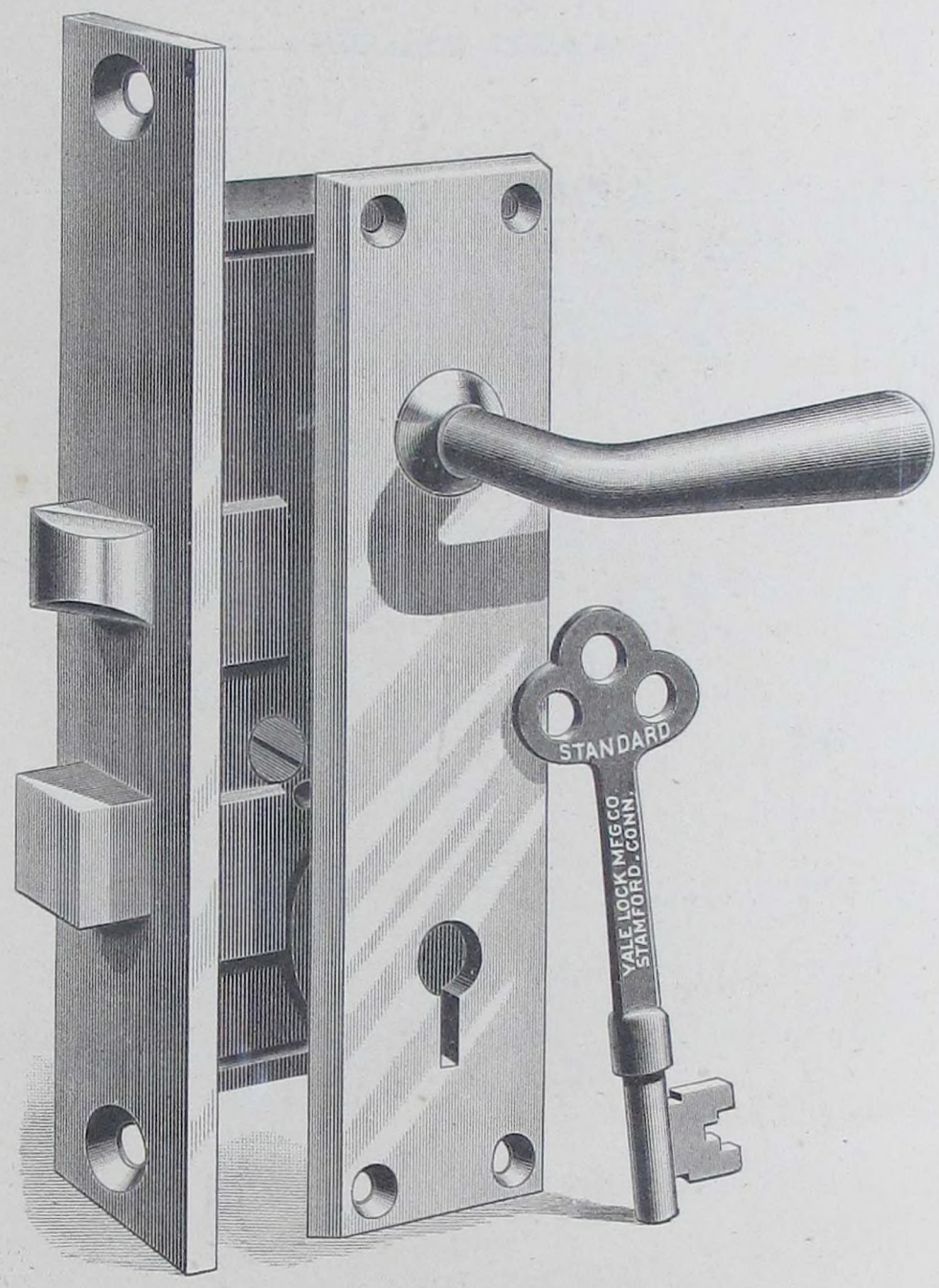
*Lever Handles No. 31, T Handles, and 1¾ inch Knobs, shown in Bronze Goods Section, may also be used with these locks.

Specify when ordering if desired to be used from one side only.

Rabbeted. When desired for rabbeted doors state whether intended for Right Hand or Left Hand doors, see page 16, and give section of stile showing depth of rabbet.

For heavier locks of this class, see No. 1620, pages 206 to 209, No. 1520, page 210, No. 1500, page 212, No. 1420, page 214, and No. 1440, page 216.

For Keys, see Key Section.



No. 1640.

Distance from edge of door to center of Hub and Key-holes, 1 inch.

Thickness of Case, ½ inch.

STANDARD MORTISE KNOB LOCKS, Nos. 1640 and 1641.

STANDARD

EASY SPRING

MORTISE KNOB LOCKS,

Nos. 1620 and 1621.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on inside doors of Dwellings, Hotels, Offices, etc.

Operated by the key and knobs from **both sides of the door.**

Three Tumblers, of cold rolled polished steel. 120 Changes.

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, ¼ dozen in a paper box, with strikes, screws, and keys (Class No. 34) as below.

Heavy Bronze Front, Bolts and Strike. **Case,** 3½ inches by 3¼ inches.

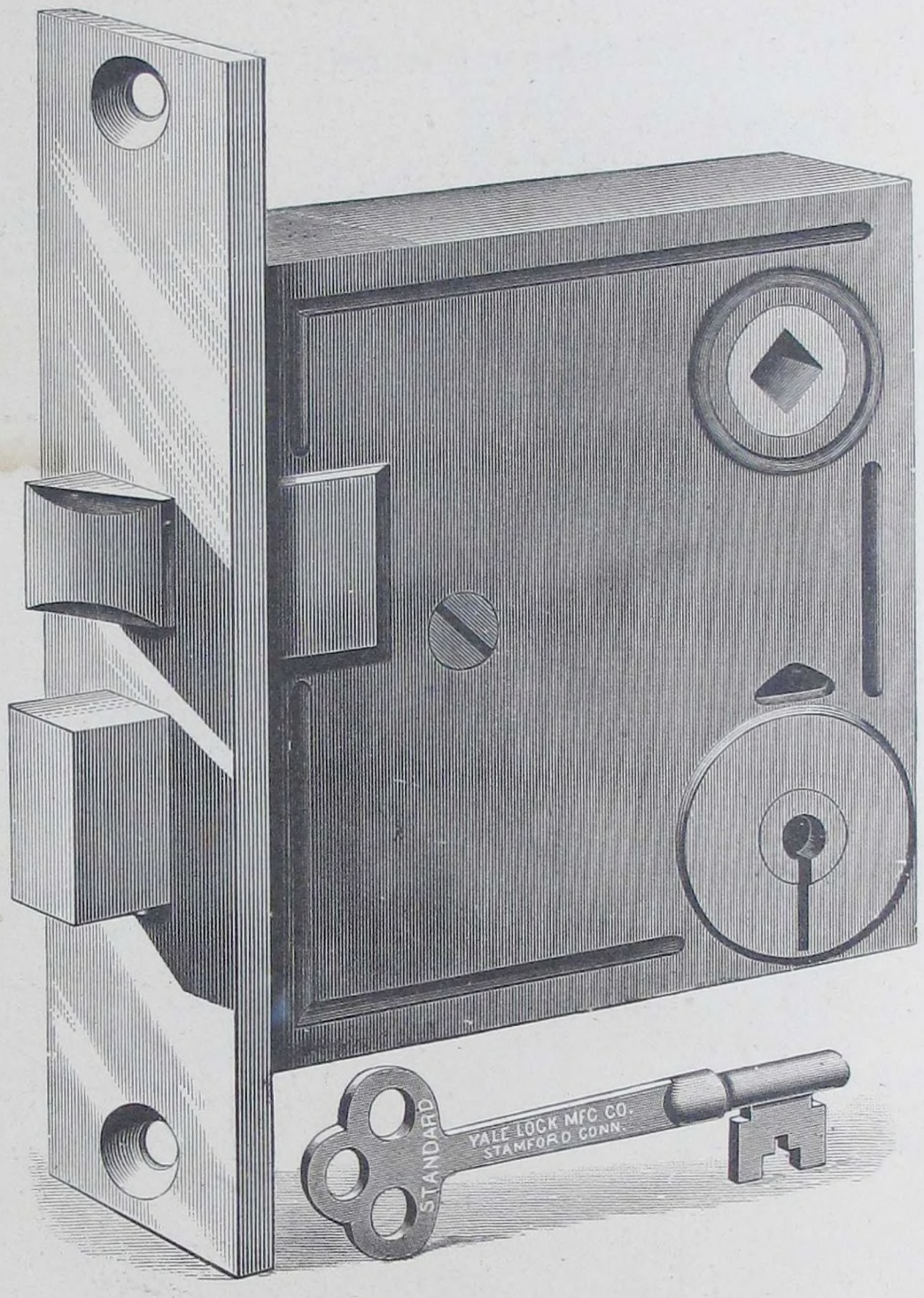
With Ornamental Bronze Fronts, Plates, and Knobs, see page 208.

No.	Front.	Keys.	Per Dozen.
1620	Plain Bronze.	One.	
1621	Plain Bronze.	Two.	

For Knobs and **Plates,** see Bronze Goods Section. **For Keys,** see Key Section.

For larger locks of this class, see No. 1520, page 210, No. 1500, page 212, No. 1420, page 214, and No. 1440, page 216.

For smaller lock of this class, see No. 1640, page 204.



No. 1620.

Distance from edge of door to center of Hub and Key-holes, 2¾ inches.
Thickness of Case, ⅝ inch.

STANDARD MORTISE KNOB LOCKS, Nos. 1620 and 1621.

STANDARD

EASY SPRING

MORTISE KNOB LOCKS,

Nos. 1630R and 1631R.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on inside doors of Dwellings, Hotels, Offices, etc.

Operated by the key and knobs from **both sides of the door.**

Three Tumblers, of cold rolled polished steel. 120 Changes.

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, ¼ dozen in a paper box, with strikes, screws, and keys (Class No. 34) as below.

Heavy Bronze Front, Bolts and Strike. Case, 3½ inches by 3¼ inches.

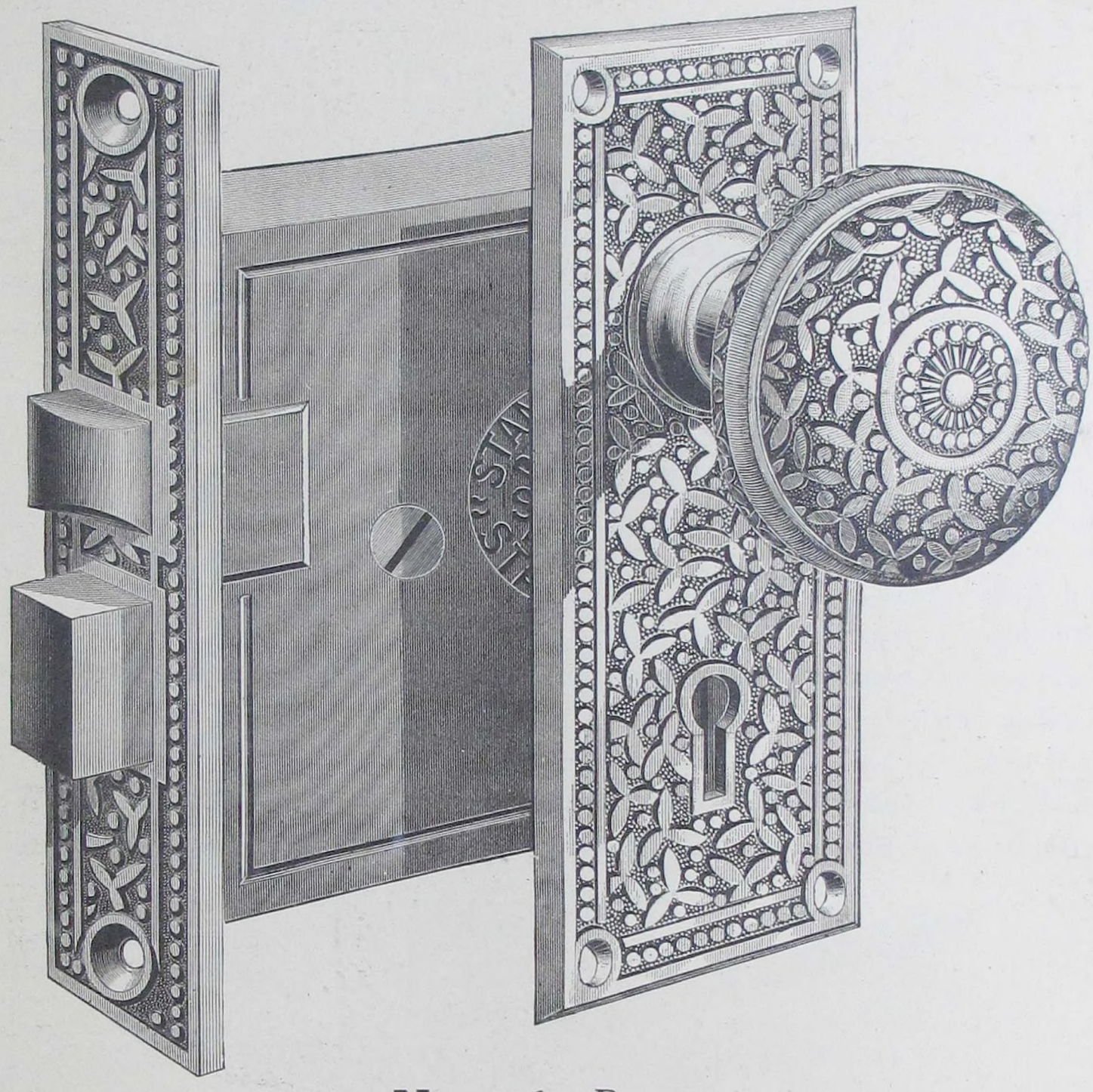
With Plain Bronze Fronts, see page 206.

No.	Front.	Keys.	Per Dozen.
1630R	Ornamental Bronze.	One.	
1631R	Ornamental Bronze.	Two.	

For Knobs and **Plates,** see Bronze Goods Section. **For Keys,** see Key Section.

For larger locks of this class, see No. 1520, page 210, No. 1500, page 212, No. 1420, page 214, and No. 1440, page 216.

For smaller lock of this class, see No. 1640, page 204.



No. 1630R.

Distance from edge of door to center of Hub and Key-holes, 2¾ inches.

Thickness of Case, ⅝ inch.

STANDARD MORTISE KNOB LOCKS, Nos. 1630R and 1631R.

STANDARD

EASY SPRING

MORTISE KNOB LOCKS,

Nos. 1520 to 1531R.

FOR DOORS WITH NARROW STILES.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on inside doors of Dwellings, Hotels, Offices, etc.

Operated by the key and knobs from both sides of the door.

Three Tumblers, of cold rolled polished steel. 120 Changes.

Keys, of rolled steel, nickel-plated. The stem and bits, which receive all the wear, are rolled in one solid piece. The parts are solidly riveted together, not soldered or brazed.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, ¼ dozen in a paper box, with strike, screws and keys, (Class No. 34,) as below.

Heavy Bronze Front, Bolts and Strike. Case, 4¼ inches by 2½ inches.

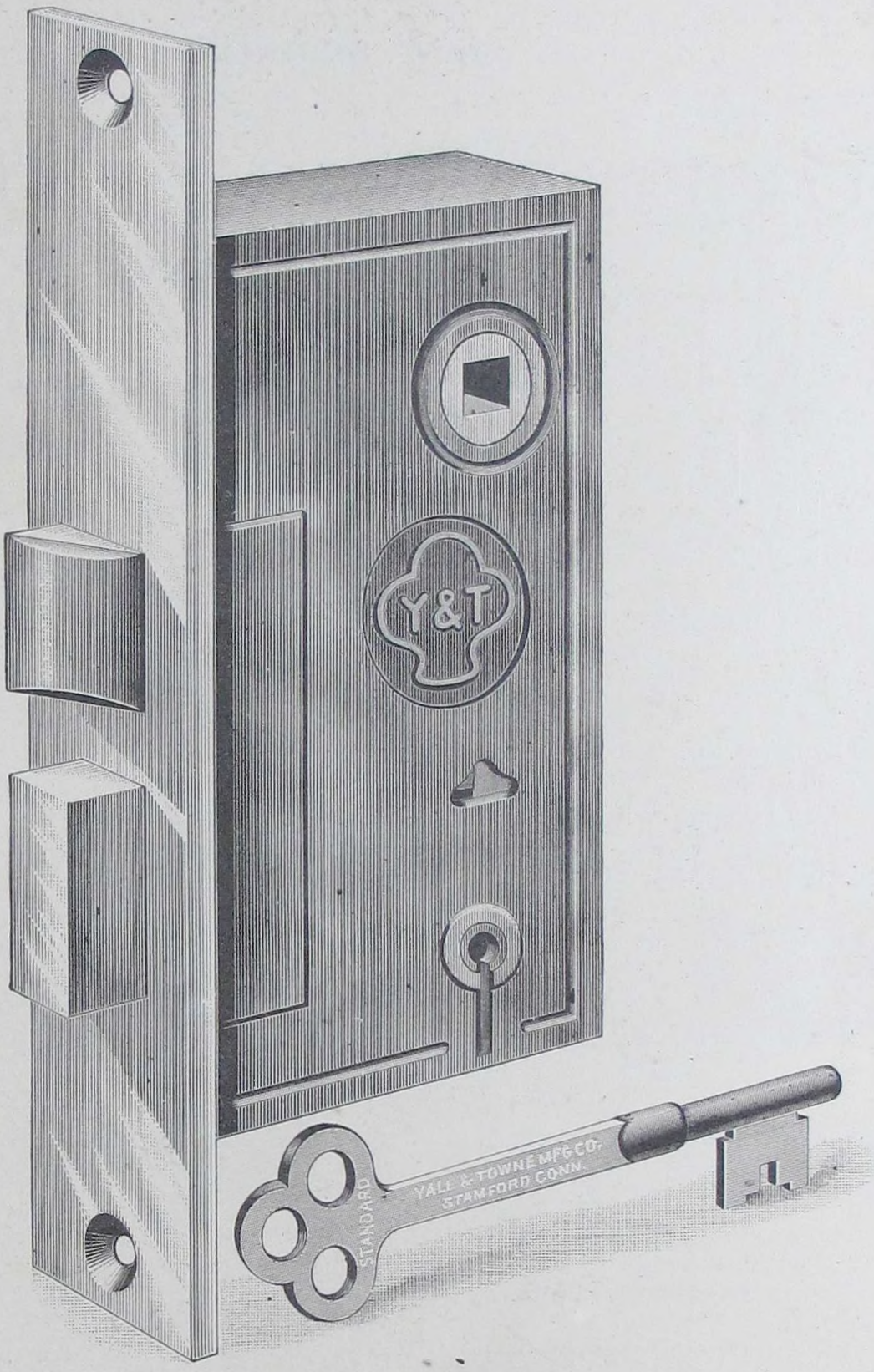
No.	Front.	Keys.	Per Dozen.
1520	Plain Bronze.	One.	
1521	Plain Bronze.	Two.	
1530	Ornamental Bronze.	One.	
1531	Ornamental Bronze.	Two.	
1530R	*Ornamental Bronze.	One.	
1531R	*Ornamental Bronze.	Two.	

For Knobs and Key Plates, see Bronze Goods Section. For Keys, see Key Section.

For larger locks of same class, see No. 1500, page 212, No. 1420, page 214, and No. 1440, page 216.

" smaller " " " see No. 1640, page 204, and No. 1620, pages 206 to 209.

*For this design, see illustration of 1630R, page 209.



No. 1520.

Distance from edge of door to center of Hub and Key-holes, 1 7/8 inches.

Thickness of Case, 5/8 inch.

STANDARD MORTISE KNOB LOCKS, Nos. 1520 to 1531.

[FOR NARROW STILES.]

STANDARD

EASY SPRING

MORTISE KNOB LOCKS,

Nos. 1500 to 1511R.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on inside doors of Dwellings, Hotels, Offices, etc.

Operated by knobs and by key from **both sides of the door.**

Three Tumblers, of cold rolled polished steel. 120 Changes.

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, each lock in a paper box, with strike, screws and keys, (Class No. 34), as below.

Heavy Bronze Front, Bolts and Strike. **Case,** 4¼ inches by 3½ inches.

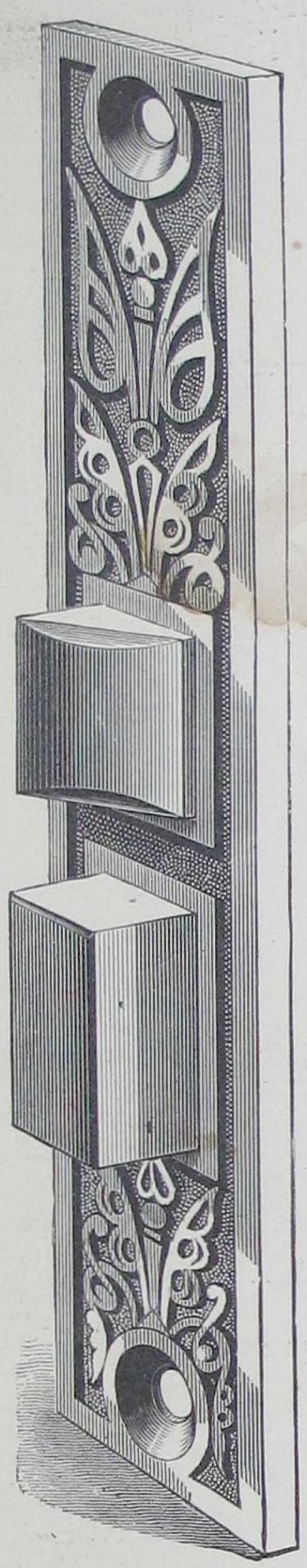
No.	Front.	Keys.	Per Dozen.
1500	Plain Bronze.	One.	
1501	Plain Bronze.	Two.	
1510	Ornamental Bronze.	One.	
1511	Ornamental Bronze.	Two.	
1510R	*Ornamental Bronze.	One.	
1511R	*Ornamental Bronze.	Two.	

For larger locks of same class, see No. 1420, page 214, and No. 1440, page 216.

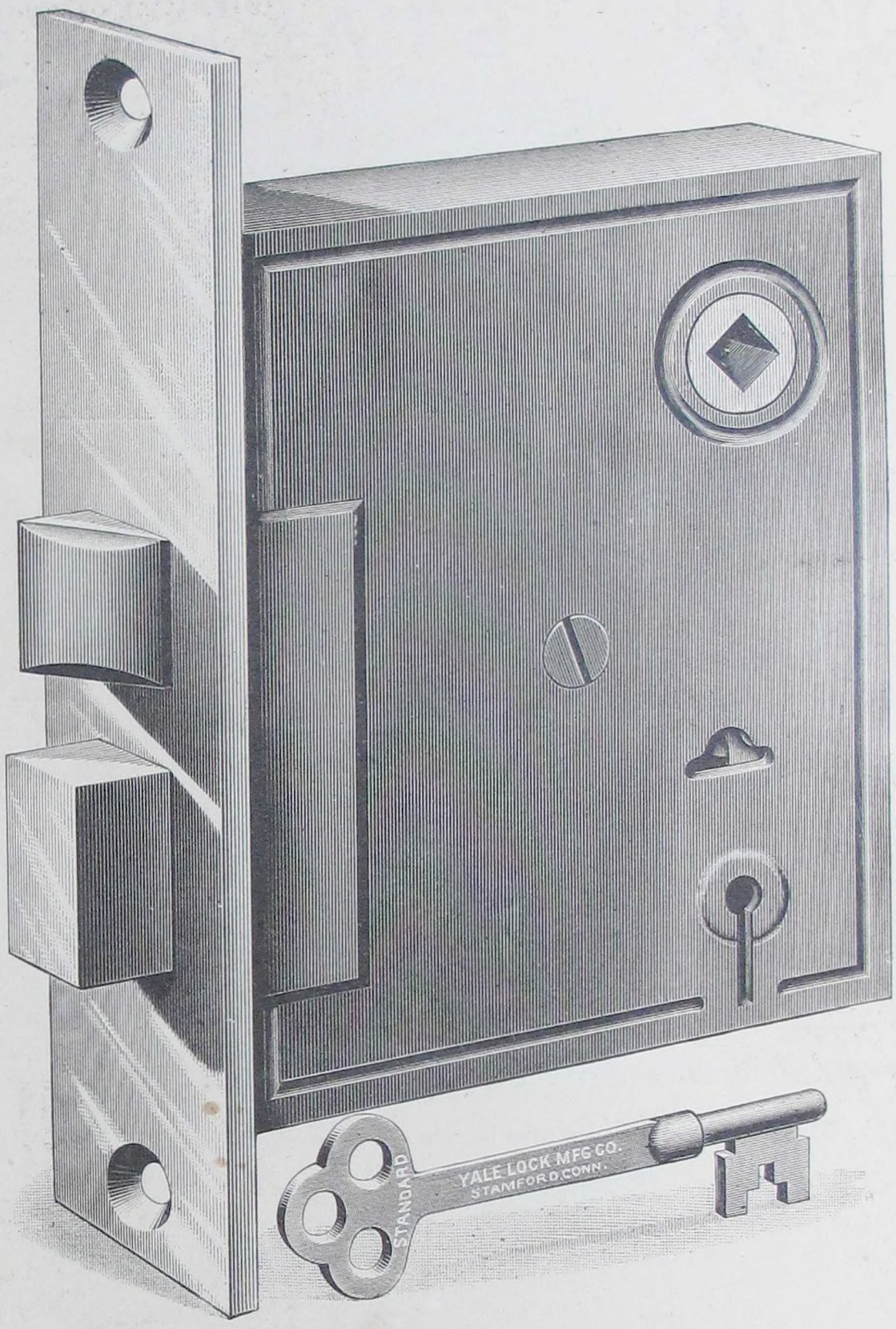
" **smaller** " " " see No. 1640, page 204, No. 1620, pages 206 to 209, and No. 1520, page 210.

For Knobs and **Key Plates,** see Bronze Goods Section. **For Keys,** see Key Section.

*For this design, see illustration of 1630R, page 209.



FRONT
For Nos. 1510 and 1511 Locks.



No. 1500.

Distance from edge of door to center of Hub and Key-holes, 2¾ inches.

Thickness of Case, ⅝ inch.

STANDARD MORTISE KNOB LOCKS, Nos. 1500 to 1511R.

STANDARD

EASY SPRING

MORTISE KNOB LOCKS,

Nos. 1420 and 1421.

FOR DOORS WITH NARROW STILES.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on inside doors of Dwellings, Hotels, Offices, etc.

Operated by the key and knobs from both sides of the door.

Three Tumblers, of cold rolled polished steel. 120 Changes.

Keys, of rolled steel, nickel-plated. The stem and bits, which receive all the wear, are rolled in one solid piece. The parts are solidly riveted together, not soldered or brazed.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, ¼ dozen in a paper box, with strike, screws and keys. (Class No. 34), as below.

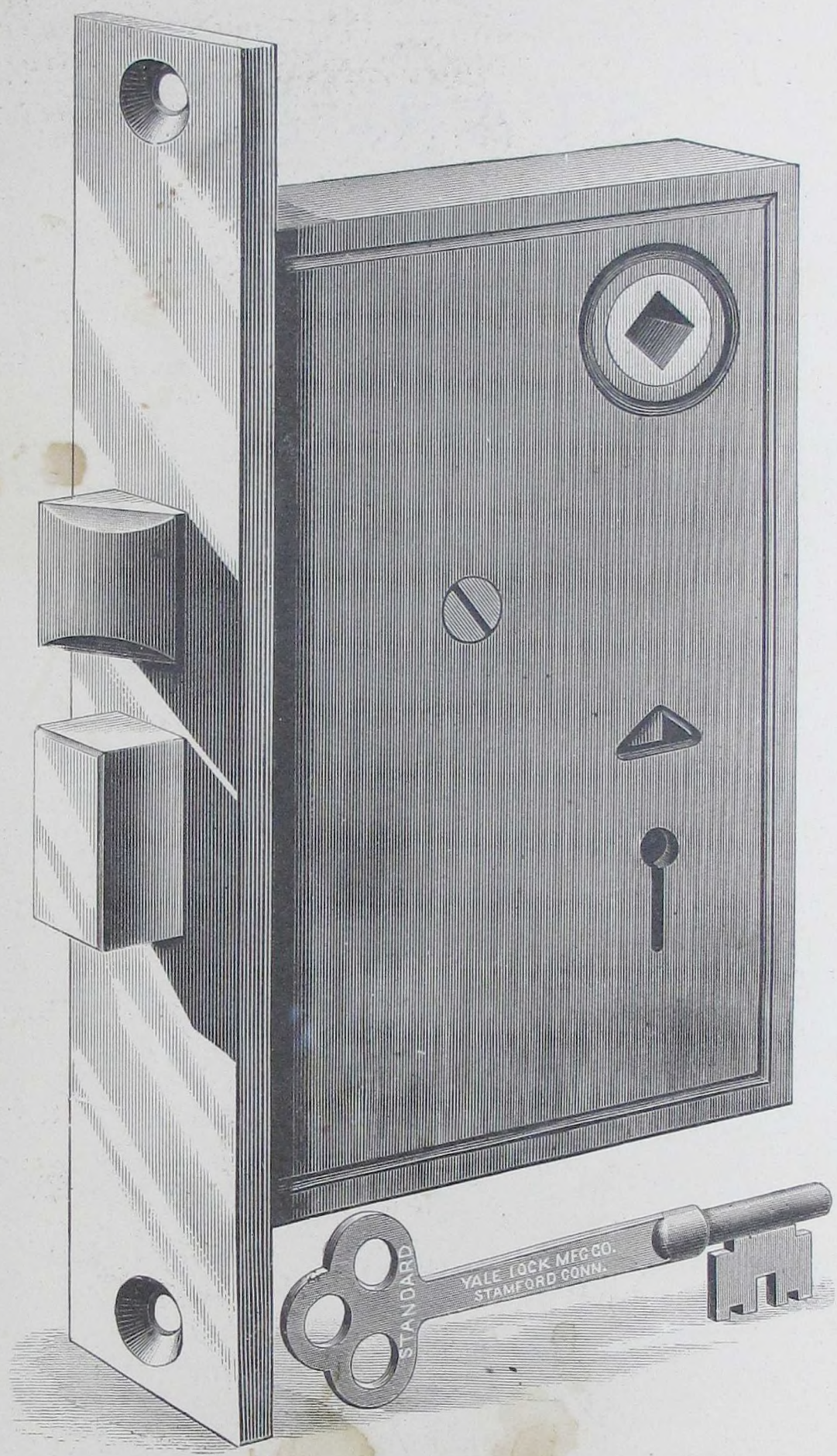
Heavy Bronze Front, Bolts and Strike. Case, 5 inches by 3 inches.

No.	Front.	Keys.	Per Dozen.
1420	Plain Bronze.	One.	
1421	Plain Bronze.	Two.	

For Knobs and Key Plates, see Bronze Goods Section. For Keys, see Key Section.

For larger locks of same class, see No. 1440, page 216.

" smaller " " " see No. 1640, page 204, No. 1620, pages 206 to 209, No. 1520, page 210, and No. 1500, page 212.



No. 1420.

Distance from edge of door to center of Hub and Key-holes, 2¼ inches.

Thickness of Case, ¾ inch.

STANDARD MORTISE KNOB LOCKS, Nos. 1420 and 1421.

[FOR NARROW STILES.]

STANDARD

EASY SPRING

MORTISE KNOB LOCKS,

Nos. 1440 to 1451.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on inside doors of Dwellings, Hotels, Offices, etc.

Operated by knobs and by key from **both sides of the door.**

Three Tumblers, of cold rolled polished steel. **120 Changes.**

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

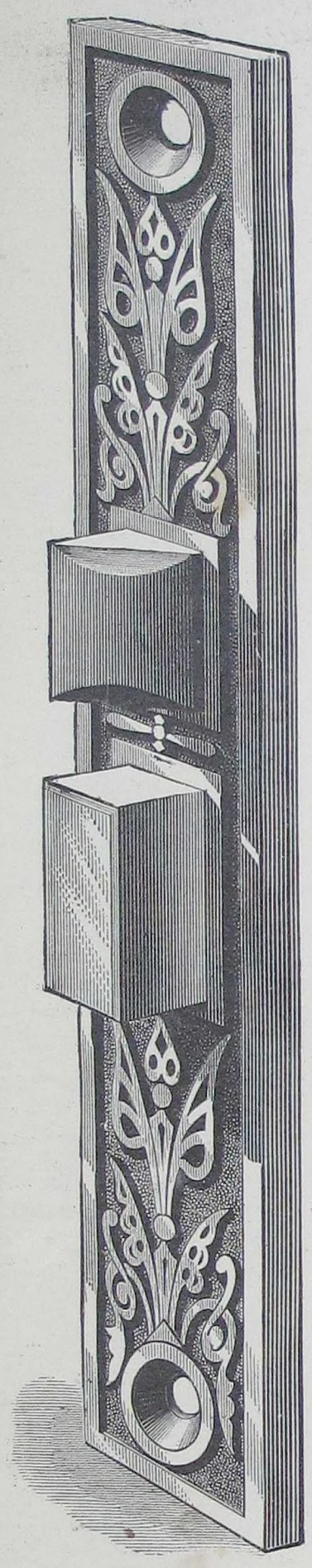
Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, each lock in a paper box, with strike, screws, and keys (Class No. 34) as below.

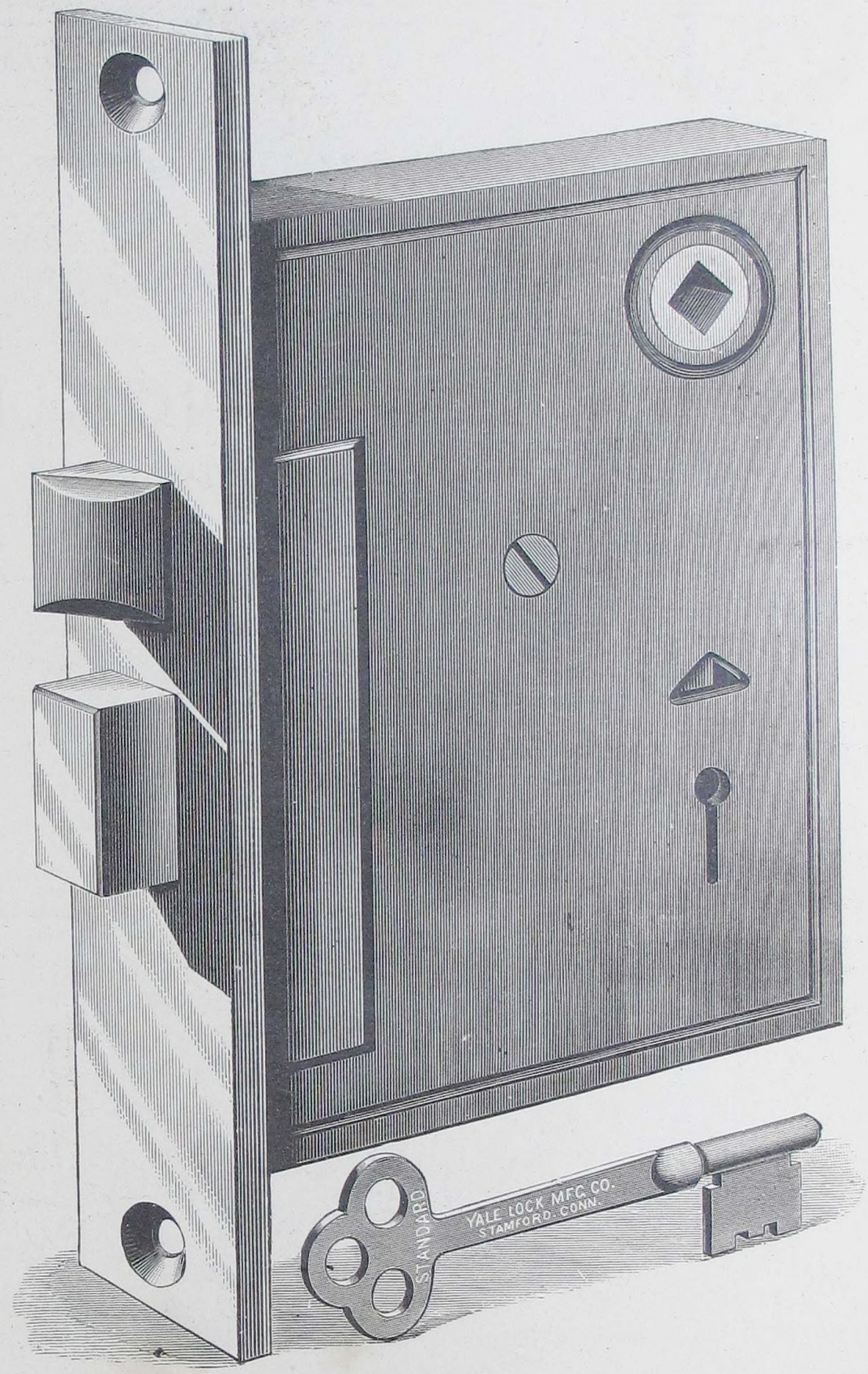
Heavy Bronze Front, Bolts and Strike. **Case,** 5 inches by 3½ inches.

No	Front.	Keys.	Per Dozen.
1440	Plain Bronze.	One.	
1441	Plain Bronze.	Two.	
1450	Ornamental Bronze.	One.	
1451	Ornamental Bronze.	Two.	

For Knobs and **Key Plates,** see Bronze Goods Section. **For Keys,** see Key Section.



FRONT
For Nos. 1450 and 1451 Locks.



No. 1440.

Distance from edge of door to center of Hub and Key-holes, 2¾ inches.

Thickness of Case, ⅝ inch.

STANDARD MORTISE KNOB LOCKS, Nos. 1440 to 1451.

STANDARD

THREE BOLT

EASY SPRING

MORTISE KNOB LOCKS,

Nos. 1400 to 1411R.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on inside doors especially of Chambers and Private Offices.

Operated by the key and knobs from **both sides of the door.** Also from inside by the thumb-piece.

Three Tumblers, of cold rolled polished steel. 120 Changes.

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right and Left. Can be applied at will both to right and left hand doors.

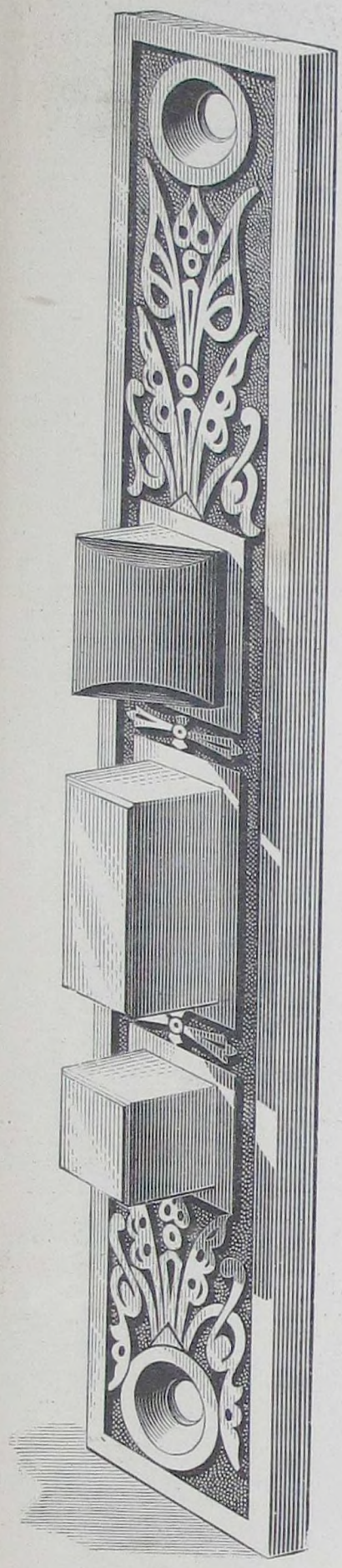
Packed, each lock in a paper box, with strike, thumb-piece, screws and keys, (Class No. 34), as below.

Heavy Bronze Front, Bolts and Strike. Case, 5 inches by 3½ inches.

No.	Front.	Thumb-Piece, Complete.	Keys.	Per Dozen.
1400	Plain Bronze.	Plain Bronze. (No. 1.)	One.	
1401	Plain Bronze.	Plain Bronze. (No. 1.)	Two.	
1410	Ornamental Bronze.	Ornamental Bronze. (No. 2.)	One.	
1411	Ornamental Bronze.	Ornamental Bronze. (No. 2.)	Two.	
1410R	*Ornamental Bronze.	Ornamental Bronze. (No. 3.)	One.	
1411R	*Ornamental Bronze.	Ornamental Bronze. (No. 3.)	Two.	

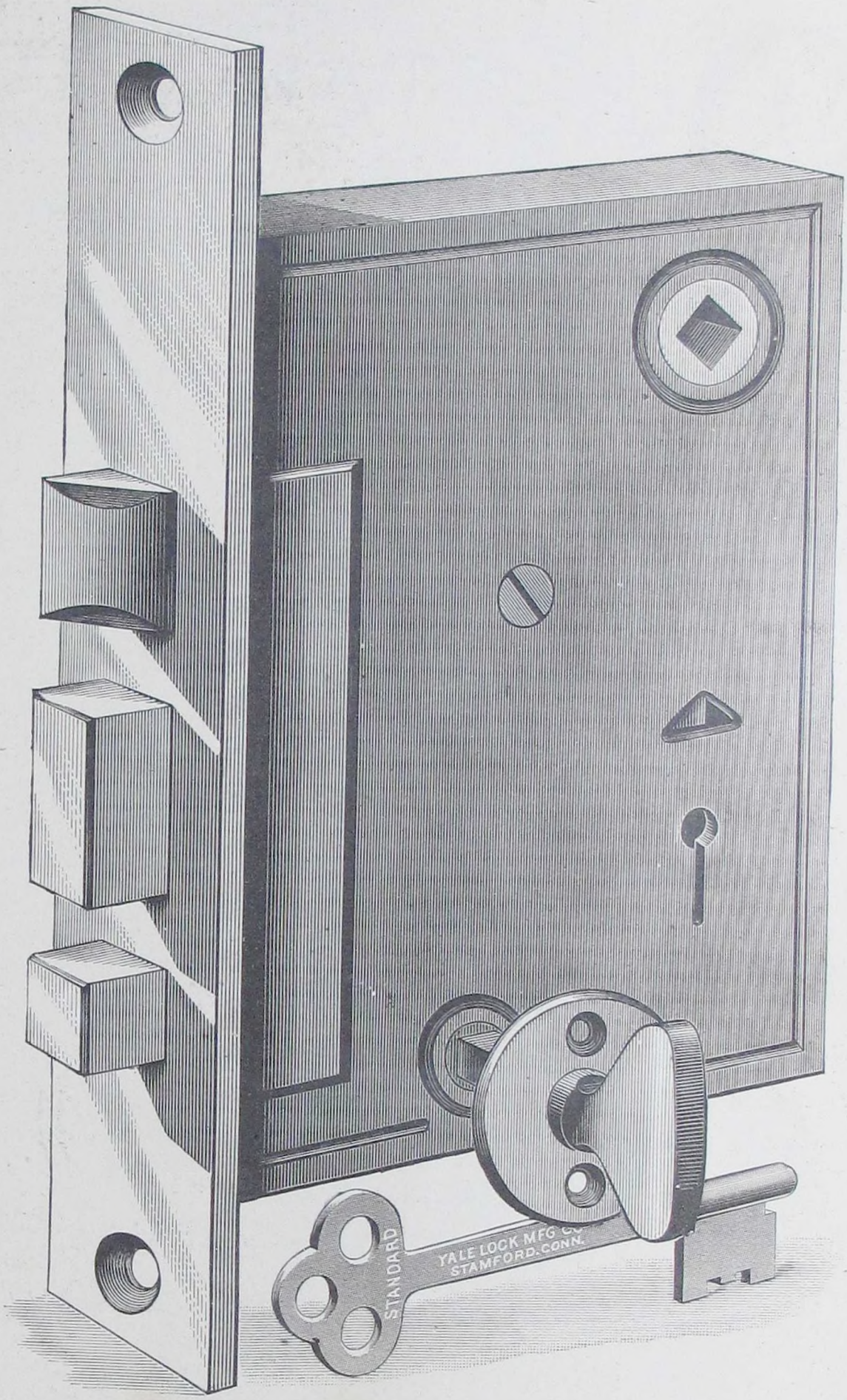
For Knobs, Key Plates and **Thumb Pieces,** see Bronze Goods Section. **For Keys.** see Key Section.

*For this design, see illustration of 1630R, page 209.



FRONT

For Nos. 1410 and 1411 Locks.



No. 1400.

Distance from edge of door to center of Hub for Knob and Key-holes, 2¾ inches.

Thickness of Case, ⅝ inch.

STANDARD THREE BOLT MORTISE KNOB LOCKS, Nos. 1400 to 1411.

STANDARD

DOUBLE BOLT,

EASY SPRING,

MORTISE LOCK AND LATCH,

No. 1604.

FOR COMMUNICATING DOORS.

For Use on communicating doors in Hotels, Offices, or other buildings.

Operated. Latch in usual manner by the knobs. Bolts, each bolt is operated by one T handle only so that the occupants of either or both rooms can bolt the door independently of the other.

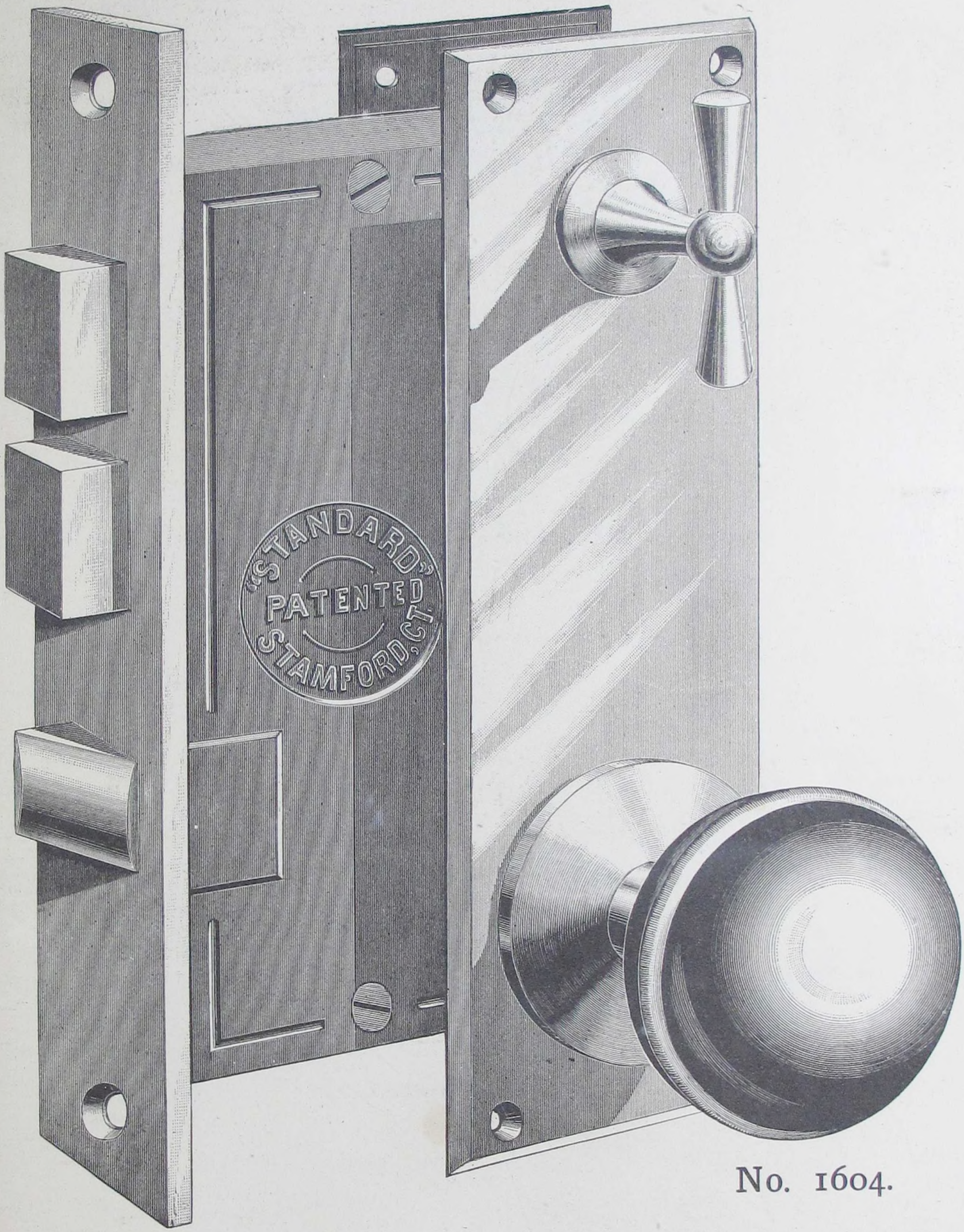
Right and Left. Can be applied at will both to right and left hand doors.

Packed, each lock, complete, in a paper box, with strike, No. 9 T handles, No. 24 knobs, plates and screws.

Heavy Bronze Front, Bolts and Strike. Case, 6 inches by 3½ inches.

No.	Front.	T Handles, Knobs and Plates.	Complete, with T Handles Knobs and Plates. Each.	Without T Handles, Knobs and Plates. Each.
1604	Plain Bronze.	Plain Bronze.		

For Knobs and T Handles, see Bronze Goods Section.



No. 1604.

Distance from edge of door to center of Hubs, 2¾ inches.
Thickness of Case, ¾ inch.

STANDARD MORTISE DOUBLE BOLT LOCK AND LATCH, No. 1604.

STANDARD

EASY SPRING, MORTISE

OFFICE KNOB LOCK,

No. 1284.

WITH PATENT NICKEL-PLATED STEEL KEYS.

Inverted relative positions of knob and key-hole make these locks more convenient in use of key than old style locks with key-hole under knob.

For Use especially on Office and other doors where key is frequently used.

Operated. The latch bolt, in the usual manner, by the knobs. The dead bolt by the key from **both sides of the door.** Key can enter either side upward, and locks with one-half turn.

Four Tumblers, of cold rolled polished steel. **600 Changes.**

Right and Left. Can be applied at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 keys, (Class No. 80), 2 No. 402P Plates, No. 16P Knobs, complete fittings, and screws.

Heavy Bronze Front, Bolts and Strike. **Case,** 5 inches by 3½ inches.

No.	Front.	Plates and Knobs.	Complete, with Knobs and Plates. Each.	Locks only, without Knobs and Plates. Each.
1284	Plain Bronze.	Plain Bronze.		

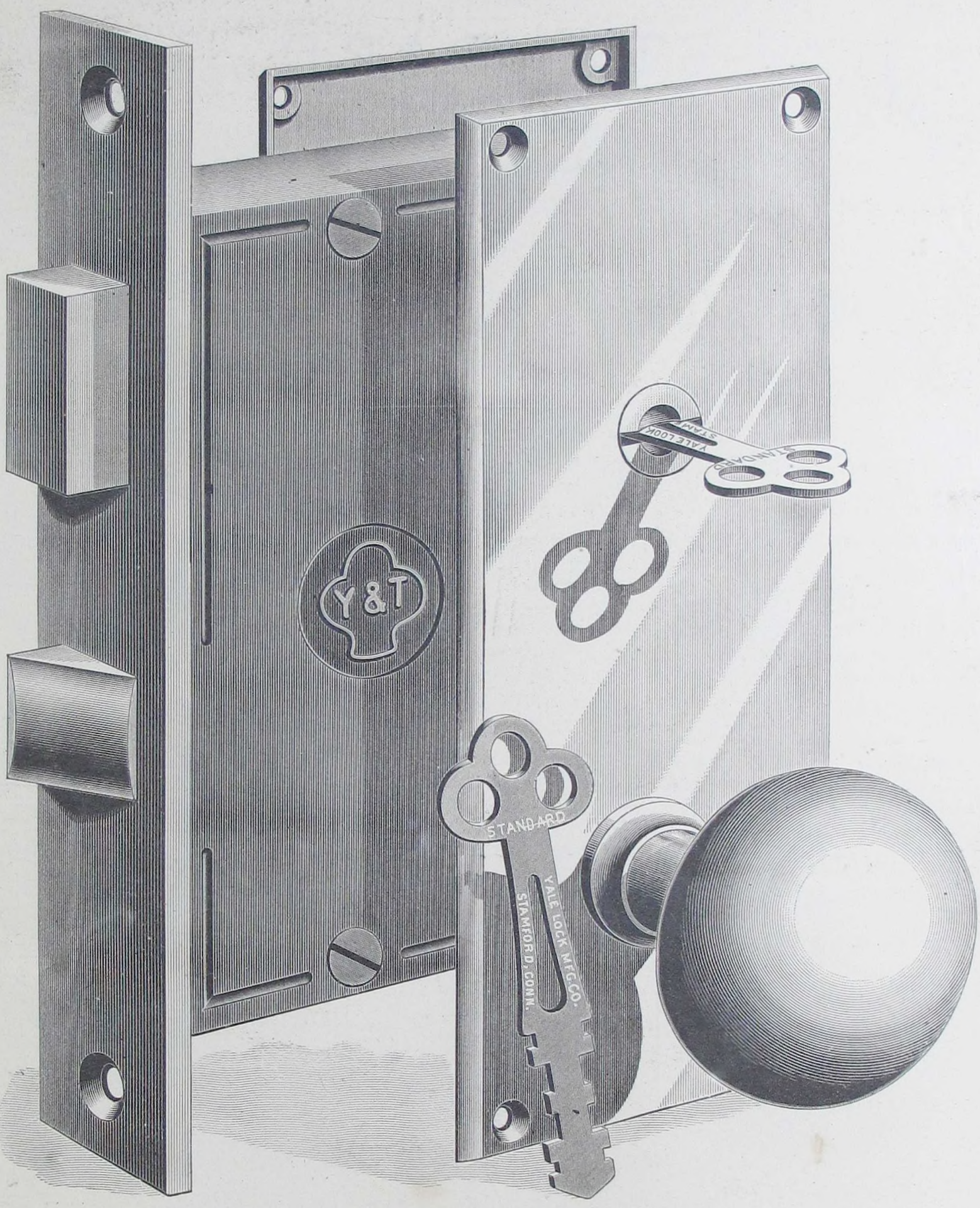
For other locks of same class, see No. 1684, page 224, No. 1614, page 226, and No. 1654, page 228.

For Master Keyed lock, see No 1670, page 230.

For Duplex locks, see pages 159 to 179.

For Knobs and Key Plates, see Bronze Goods Section.

For Keys, see Key Section.



No. 1284.

Distance from edge of door to center of Hub and Key-holes, 2¾ inches.

Thickness of Case, ¾ inch.

STANDARD MORTISE OFFICE KNOB LOCK, No. 1284.

STANDARD

EASY SPRING, MORTISE

OFFICE KNOB LOCK,

No. 1684.

WITH PATENT NICKEL-PLATED STEEL KEYS.

Inverted relative positions of knob and key-hole make these locks more convenient in use of key than old style locks with key-hole under knob.

For Use especially on Office and other doors where key is frequently used.

Operated. The latch bolt, in the usual manner, by the knobs. The dead bolt by the key from **both sides of the door.**

Three Tumblers, of cold rolled polished steel. **120 Changes.**

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 keys, (Class No. 34), 2 No. 406 plates, No. 24 knobs, complete fittings and screws.

Heavy Bronze Front, Bolts and Strike. **Case,** 5 inches by 3½ inches.

No.	Front.	Plates and Knobs.	Complete, with Knobs and Plates. Each.	Locks only, without Knobs and Plates. Each.
1684	Plain Bronze.	Plain Bronze.		

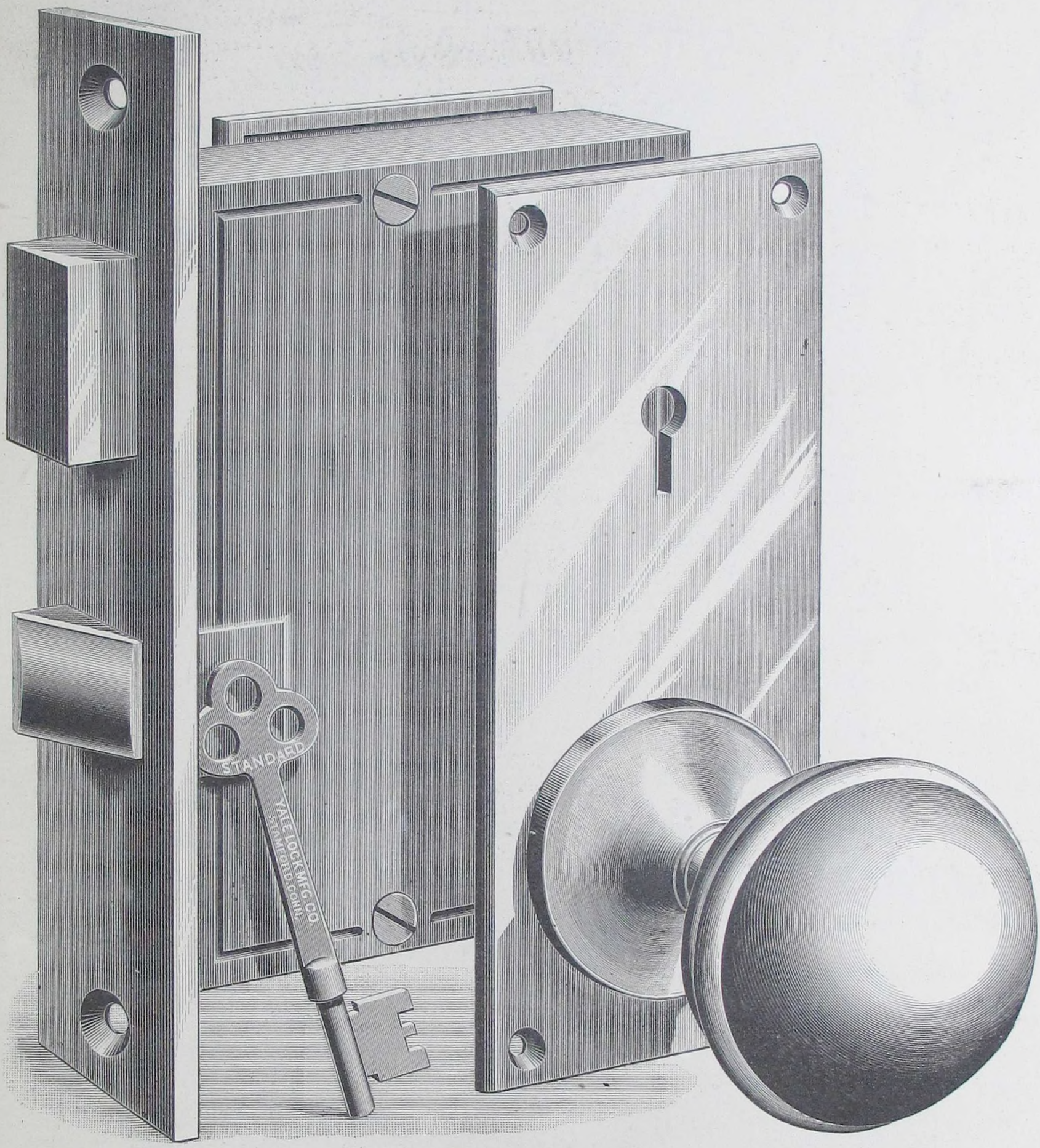
For other locks of same class, see No. 1284, page 222, No. 1614, page 226, and No. 1654, page 228.

For Knobs and Plates, see Bronze Goods Section.

For Duplex locks, see pages 159 to 179.

For Master Keyed lock, see No. 1670, page 230.

For Keys, see Key Section.



No. 1684.

Distance from edge of door to center of Hub and Key-holes, 2¾ inches.

Thickness of Case, ⅝ inch.

STANDARD MORTISE OFFICE KNOB LOCK, No. 1684.

STANDARD

EASY SPRING, MORTISE

OFFICE KNOB LOCK

No. 1614.

WITH PATENT NICKEL-PLATED STEEL KEYS.

Inverted relative positions of knob and key-hole make these locks more convenient in use of key than old style locks with key-hole under knob.

For Use especially on Office and other doors where key is frequently used.

Operated. The latch bolt, in the usual manner, by the knobs. The dead bolt by the key from **both sides** of the door.

Four Tumblers, of cold rolled polished steel. **400 Changes.**

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 keys, (Class No. 36), 2 No. 407P plates, No. 24 knobs, complete fittings, and screws.

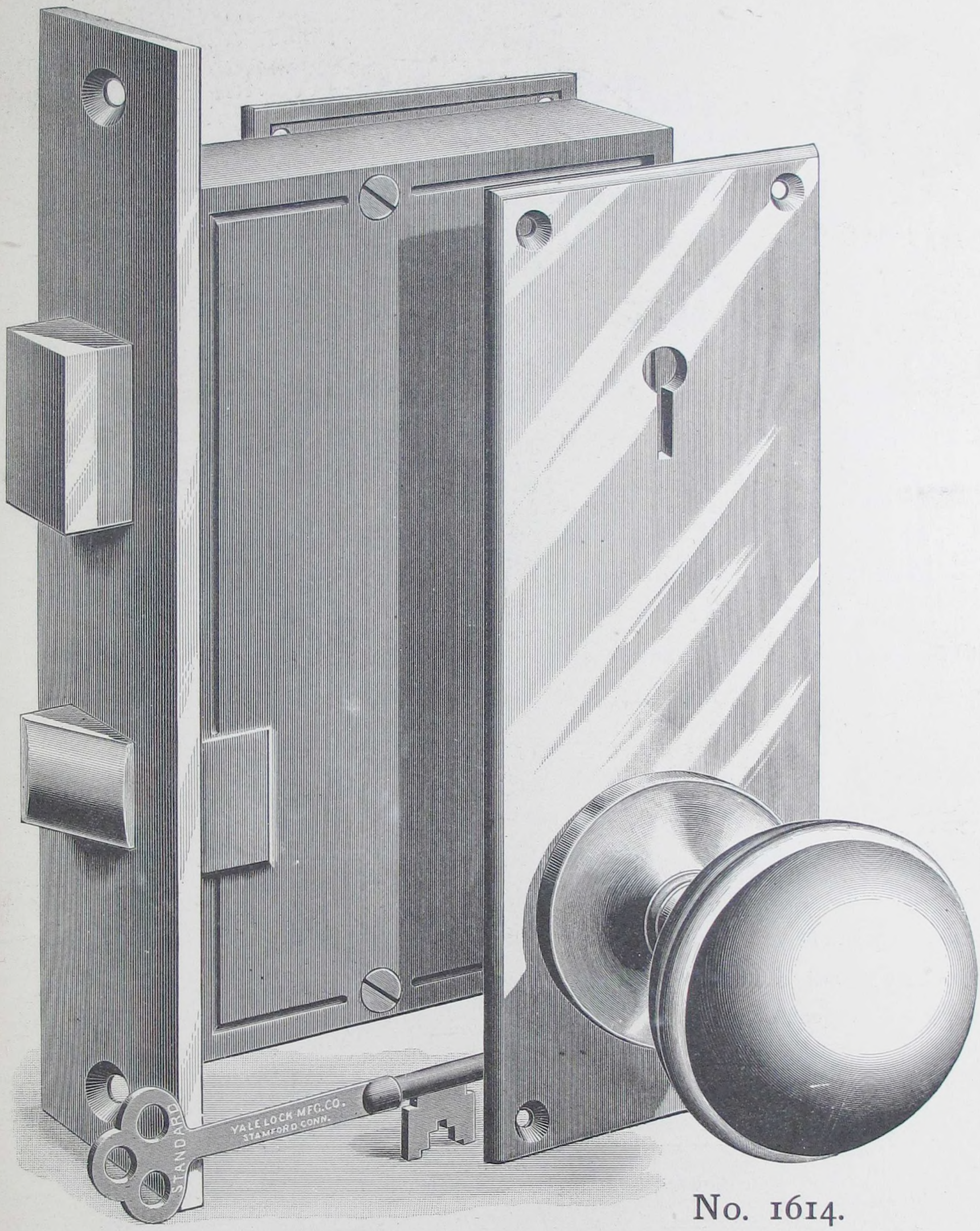
Heavy Bronze Front, Bolts and Strike. **Case,** 6 inches by 3½ inches.

No.	Front.	Plates and Knobs.	Complete, With Plates and Knobs. Each.	Locks only, without Plates and Knobs. Each.
1614	Plain Bronze.	Plain Bronze.		

For other locks of same class, see No. 1284, page 222, No. 1684, page 224, and No. 1654, page 228.

For Knobs and **Key Plates,** see Bronze Goods Section. **For Keys,** see Key Section.

For Master Keyed lock, see No. 1670, page 230. **For Duplex locks,** see pages 159 to 179.



No. 1614.

Distance from edge of door to center of Hub and Key-holes, 2¾ inches.

Thickness of Case, ¾ inch.

STANDARD MORTISE OFFICE KNOB LOCK, No. 1614.

STANDARD

EASY SPRING, MORTISE

OFFICE KNOB LOCK,

No. 1654.

FOR DOORS WITH WIDE STILES.

WITH PATENT NICKEL-PLATED STEEL KEYS.

Inverted relative positions of knob and key-hole make these locks more convenient in use of key than old style locks with key-hole under knob.

For Use especially on Office and other doors where key is frequently used.

Operated. The latch bolt, in the usual manner, by the knobs. The dead bolt by the key from **both sides of the door.**

Four Tumblers, of cold rolled polished steel. **400 Changes.**

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 keys, (Class No. 36), 2 No. 407P plates, No. 24 knobs, complete fittings, and screws.

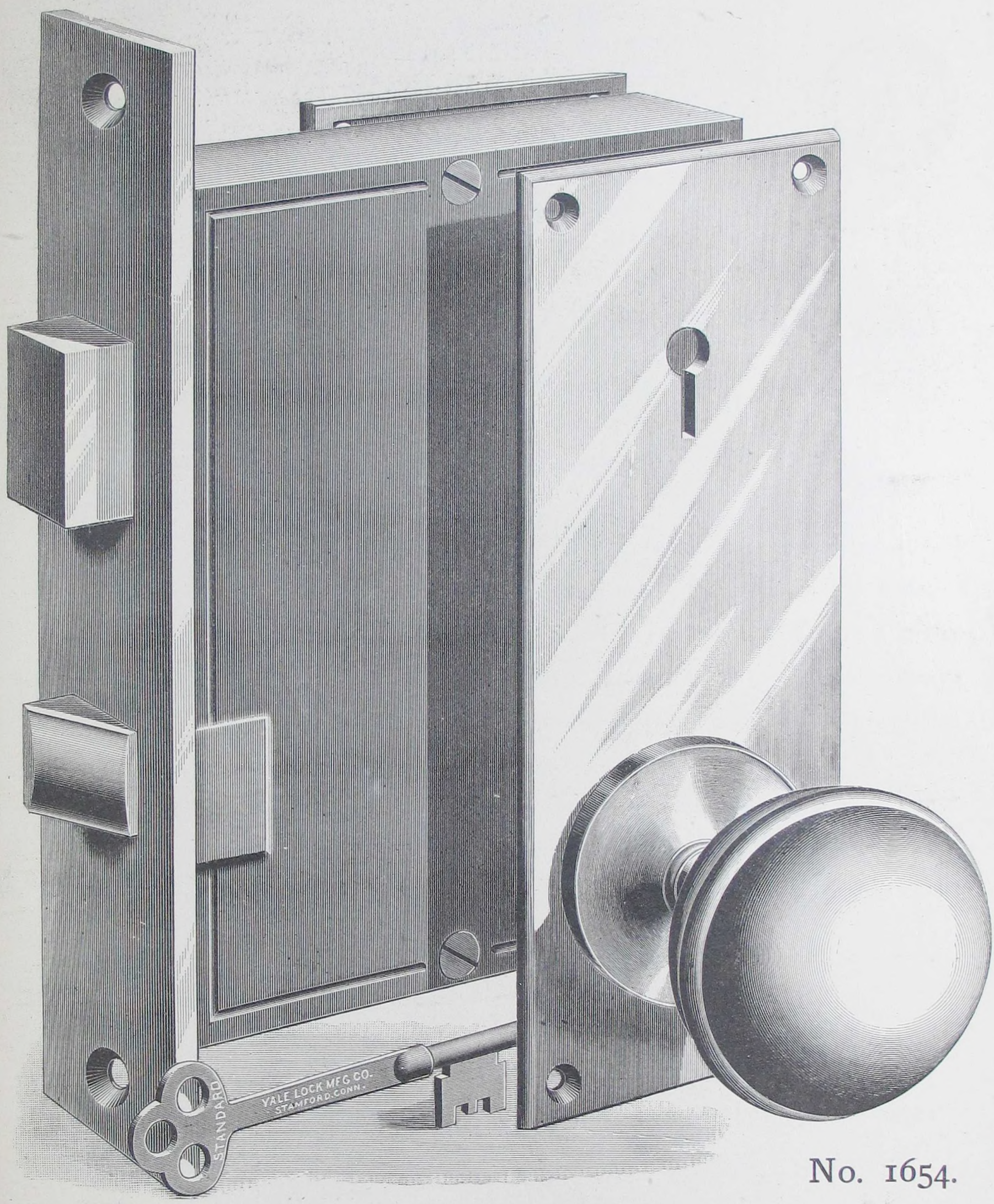
Heavy Bronze Front, Bolts and Strike. **Case,** 6 inches by 4¼ inches.

No.	Front.	Plates and Knobs.	Complete, with Plates and Knobs. Each.	Locks only, without Plates and Knobs. Each.
1654	Plain Bronze.	Plain Bronze.		

For other locks of same class, see No. 1284, page 222, No. 1684, page 224, and No. 1614, page 226.

For Knobs and Key Plates, see Bronze Goods Section. **For Keys,** see Key Section.

For Master Keyed lock, see No 1670, page 230. **For Duplex locks,** see pages 159 to 179.



No. 1654.

Distance from edge of door to center of Hub and Key-holes, 3⅝ inches.
Thickness of Case, ¾ inch.

STANDARD MORTISE OFFICE KNOB LOCK, No. 1654.

[FOR WIDE STILES.]

STANDARD

EASY SPRING, MORTISE

MASTER KEYED KNOB LOCK,

Nos. 1670 and 1670R.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use especially on Hotel, Office, and Apartment House doors.

Operated. The latch bolt, in the usual manner, by the knobs. The dead bolt by the change and master key from both sides of the door.

Four Tumblers. Changes, as desired.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, each lock in a paper box, with 2 Change keys, (Class No. 38), and Master keys for each set, as ordered, the Master keys of each set being stamped $\frac{M}{1}$ $\frac{M}{2}$ etc., (other marks can be substituted, if so ordered), 2 plates, with knobs, as below, and screws.

Heavy Bronze Front, Bolts and Strike. Case, 5½ inches by 3⅝ inches.

No.	Front.	Plates.	Knobs.	Complete, with Plates and Knobs. Each.	Locks only, without Plates and Knobs. Each.
1670	Plain Bronze.	Plain Bronze.	Plain Bronze. (No. 16P.)		
1670R	*Ornamental Bronze.	*Ornamental Bronze.	Ornamental Bronze. (No. 34.)		

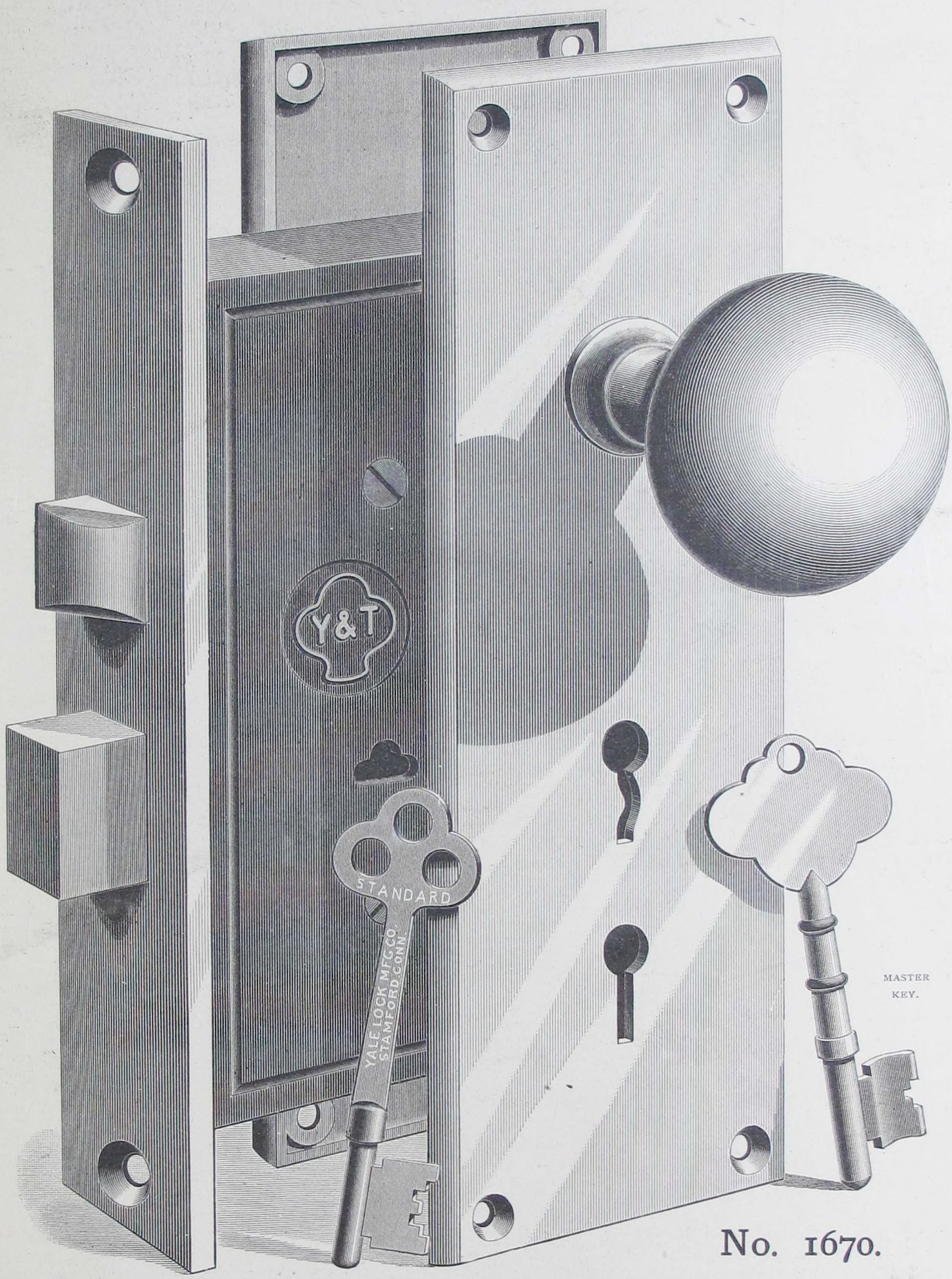
For other Office Knob locks, see pages 222 to 229.

For Knobs and Plates, see Bronze Goods Section.

For Keys, see Key Section.

For Duplex locks, see pages 159 to 179.

*For this design, see illustration of 1630R, page 209.



No. 1670.

Distance from edge of door to center of Hub and Key-holes, 2¾ inches.

Thickness of Case, ¾ inch.

STANDARD MORTISE MASTER KEYED KNOB LOCKS,
Nos. 1670 and 1670R.

STANDARD

FLUSH PULL, MORTISE

SLIDING DOOR LOCKS,

Nos. 1704 to 1730R.

Illustrations of locks and strikes, see pages 233, 234 and 235.

Operated by key from **both sides of the door.**

Three Tumblers, of cold rolled polished steel. **120 Changes.**

Packed, in a paper box, **Each set,** consisting of lock and strike, (see pages 234 and 235), with 1 key, 4 escutcheon plates, and screws, complete. **Each half set,** consisting of lock, (see pages 233 and 235), with plate strike, 1 key, 2 escutcheon plates, and screws, complete.

Heavy Bronze Front, Bolt, Pull, and Strike.

Case, { **Straight Front,** 5½ inches by 3½ inches. / **Astragal Front,** 5½ inches by 3¾ inches.

Strike, { **Straight Front,** 5½ inches by 2 inches. / **Astragal Front,** 5½ inches by 2⅝ inches.

STRAIGHT FRONTS, see pages 234 and 235.

No.	Front.	Escutcheon Plates.	Per Set. For Double Doors.	Per Half Set. For Single Doors.
1704	Plated.	Plated.		
1706	Plain Bronze.	Plain Bronze.		
1710R	*Ornamental Bronze.	*Ornamental Bronze.		

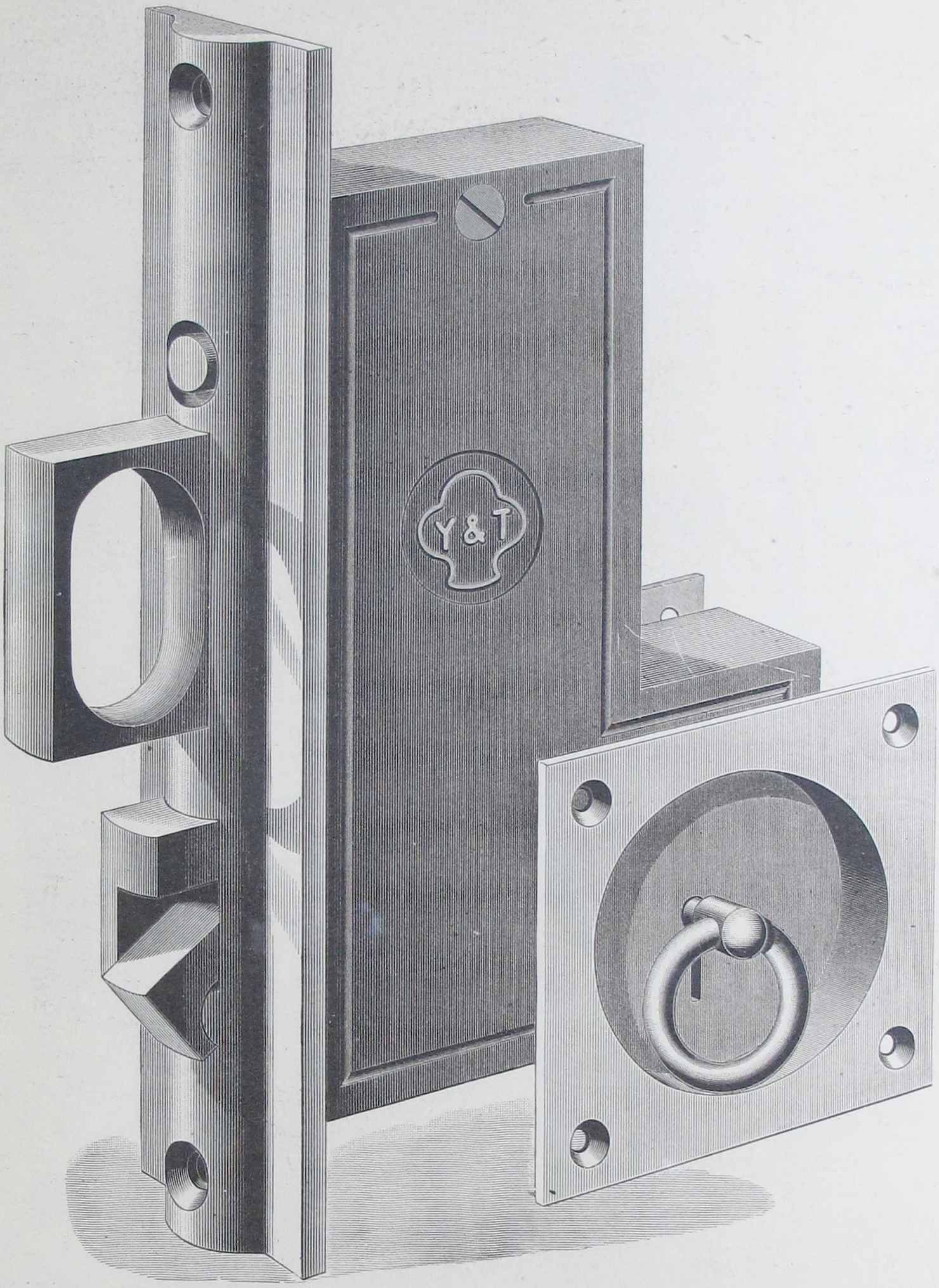
ASTRAGAL FRONTS, see pages 233 and 234. (See page 17.)

1724	Plated.	Plated.		
1726	Plain Bronze.	Plain Bronze.		
1730R	*Ornamental Bronze.	*Ornamental Bronze.		

When ordering specify whether **Sets** or **Half Sets** are desired.

For Sliding Door Stops, see Bronze Goods Section.

*For this design, see illustration of 1630R, page 209.



Nos. 1724 and 1726.

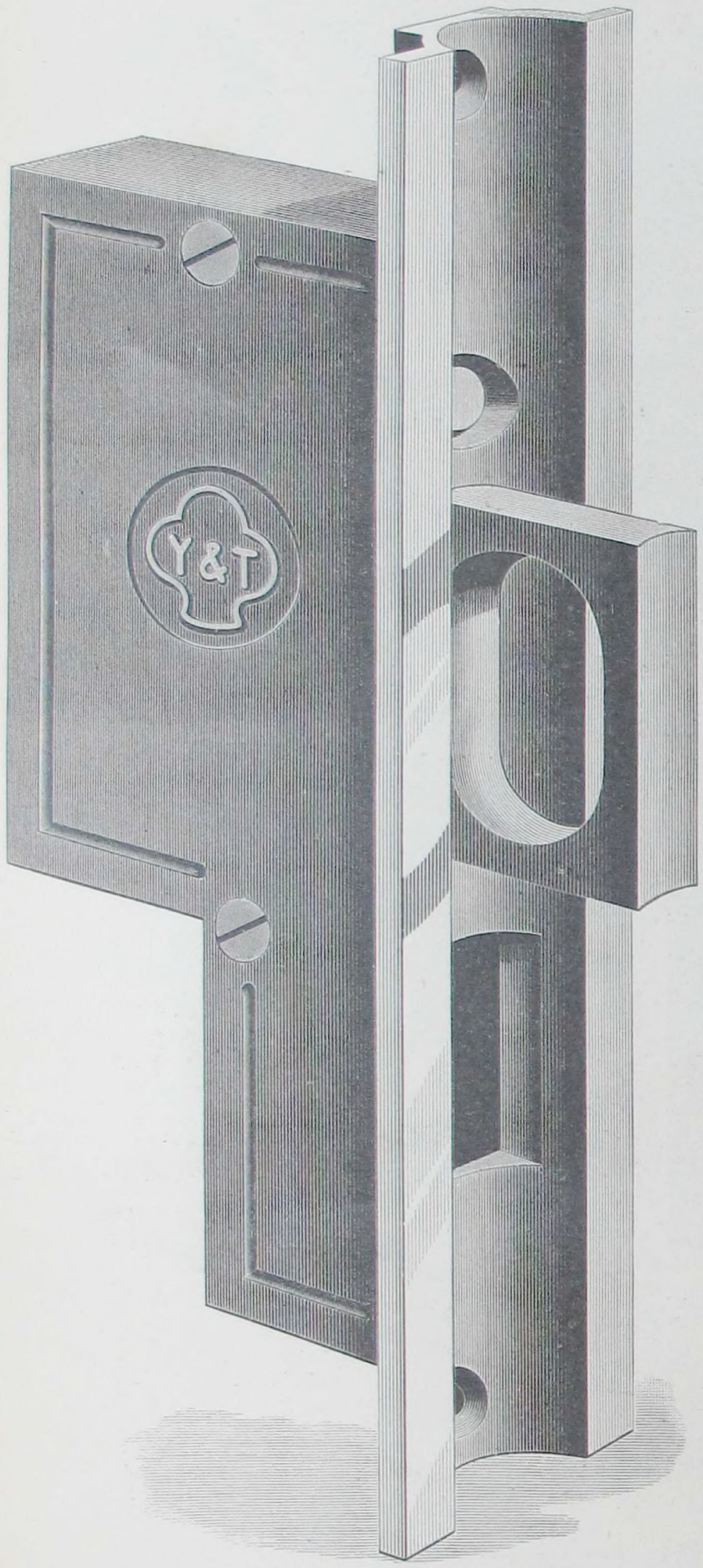
ASTRAGAL FRONT. (See page 17.)

Distance from edge of door to center of Key-hole, 3⅛ inches.
Thickness of Case, ¾ inch.

STANDARD FLUSH PULL MORTISE SLIDING DOOR LOCKS,

Nos. 1724 to 1730R.

[HALF SET.]

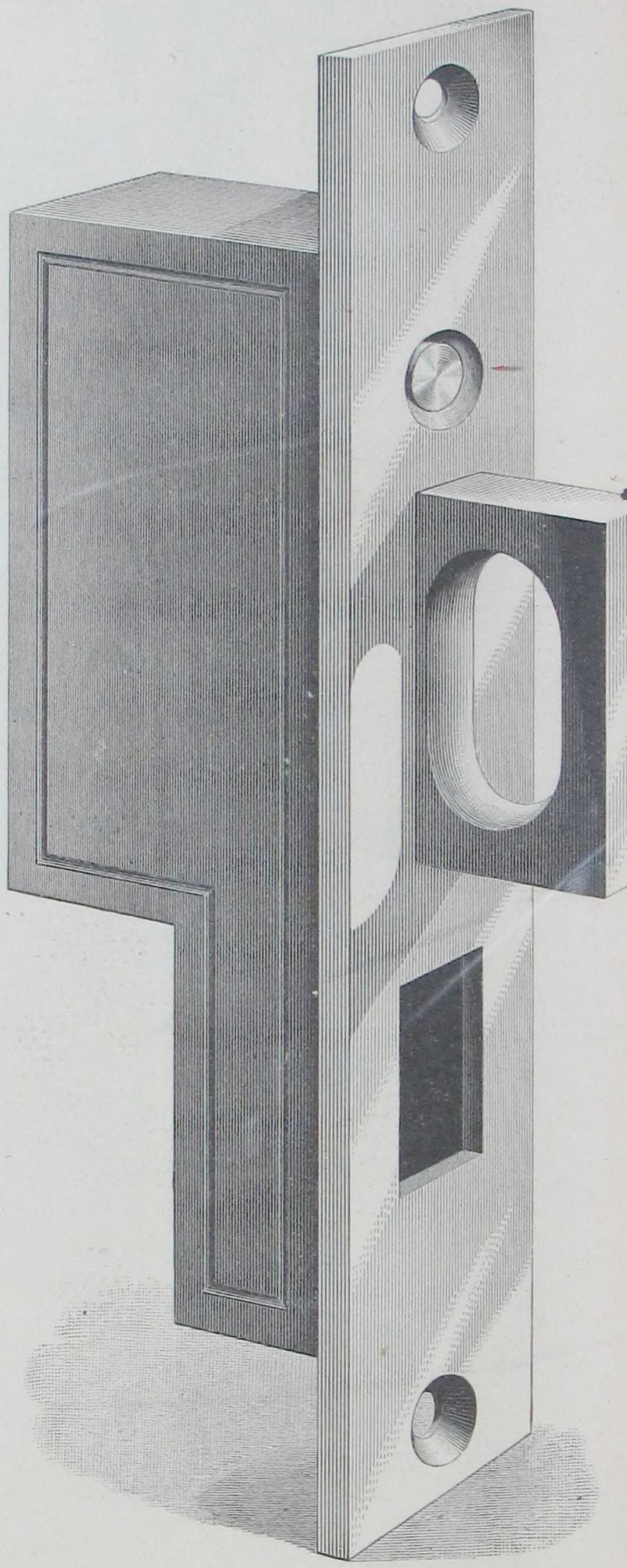


ASTRAGAL FRONT. (See page 17.)

STRIKE

For Nos. 1724 and 1726.

(For lock, see page 233.)



STRIKE

For Nos. 1704 and 1706.

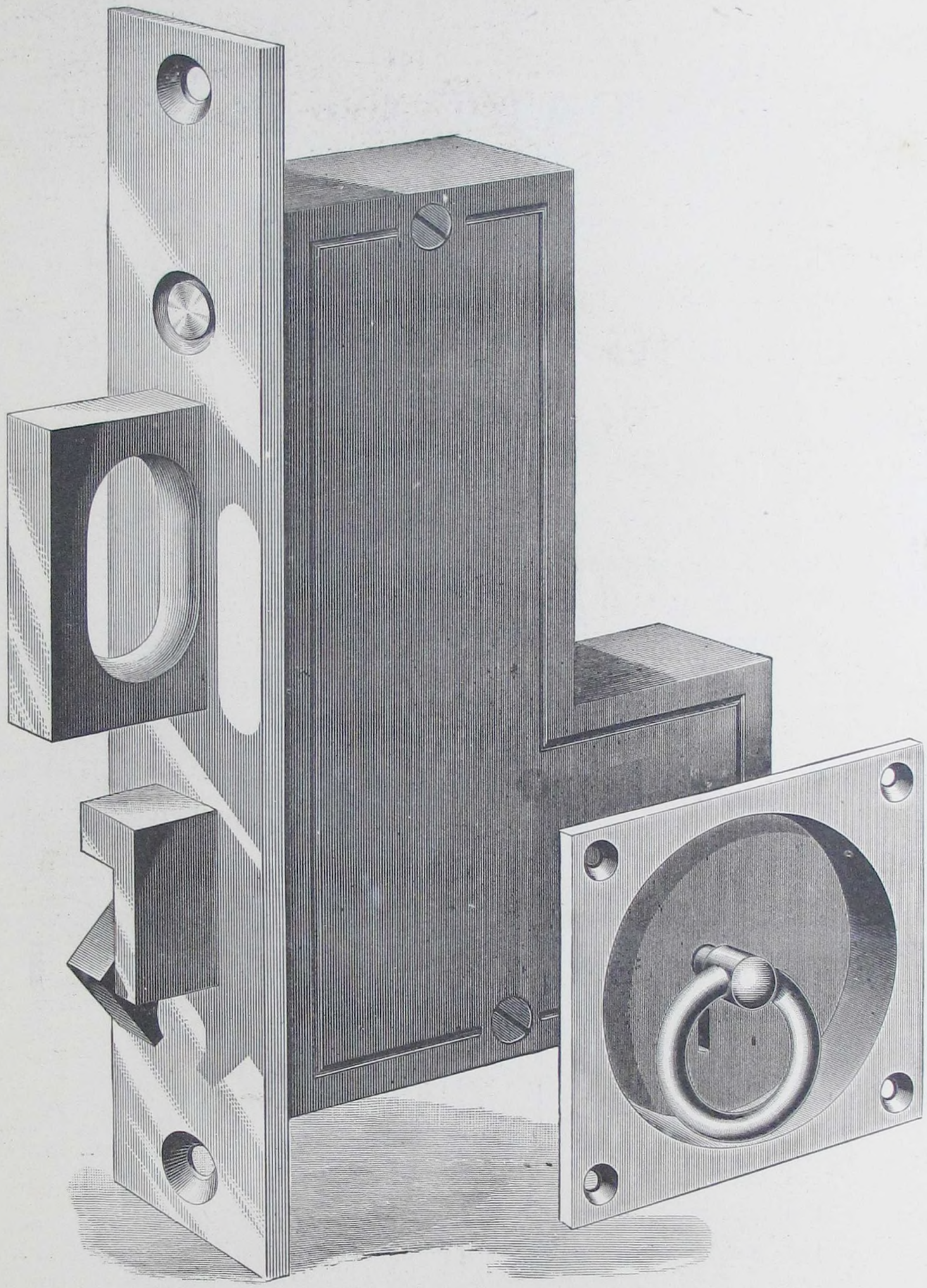
(For lock, see page 235.)

For Use in Connection with Locks for Double Doors.

STANDARD FLUSH PULL MORTISE SLIDING DOOR LOCKS,

Nos. 1704 to 1730R.

[For description, see page 232.]



Nos. 1704 and 1706.

Distance from edge of door to center of Key-hole, 2¾ inches.

Thickness of Case, ¾ inch.

STANDARD FLUSH PULL MORTISE SLIDING DOOR LOCKS,
Nos. 1704 to 1710R.

[HALF SET.]

[For description, see page 232.]

STANDARD

FLUSH PULL, MORTISE

SLIDING DOOR LOCKS,

Nos. 1804 to 1830R.

Illustrations of locks and strikes, see pages 237, 238 and 239.

Operated by key from **both sides of the door.**

Three Tumblers, of cold rolled polished steel. **120 Changes.**

Packed, in a paper box, **Each set,** consisting of lock and strike, (see pages 238 and 239), with 1 key, 4 escutcheon plates, and screws, complete. **Each half set,** consisting of lock, (see pages 237 and 239), with plate strike, 1 key, 2 escutcheon plates, and screws, complete.

Heavy Bronze Front, Bolt, Pull, and Strike.

Case and Strike, each, Straight Front, 6⅛ ins. by 3¾ ins.

Case and Strike, each, Astragal Front, 6⅛ ins. by 4 ins.

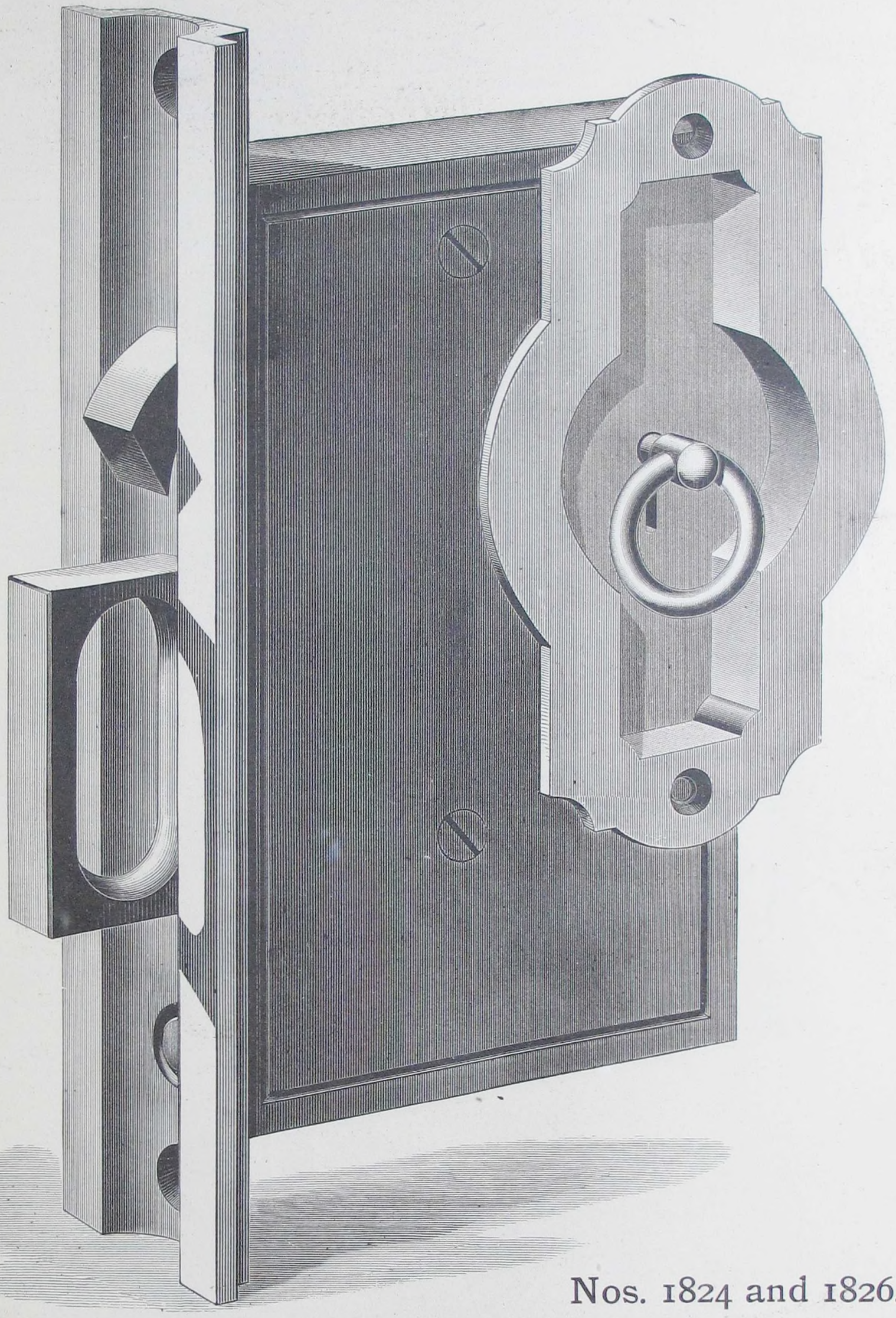
STRAIGHT FRONTS, see pages 238 and 239.

No.	Front.	Escutcheon Plates.	Per Set. For Double Doors.	Per Half Set. For Single Doors.
1804	Plated.	Plated.		
1806	Plain Bronze.	Plain Bronze.		
1810	Ornamental Bronze.	Ornamental Bronze.		
1810R	*Ornamental Bronze.	*Ornamental Bronze.		
	ASTRAGAL FRONTS, see page 237. (See page 17.)			
1824	Plated.	Plated.		
1826	Plain Bronze.	Plain Bronze.		
1830	Ornamental Bronze.	Ornamental Bronze.		
1830R	*Ornamental Bronze.	*Ornamental Bronze.		

When ordering, specify whether **Sets** or **Half Sets** are desired.

For Sliding Door Stops, see Bronze Goods Section.

*For this design, see illustration of 1630R, page 209.



Nos. 1824 and 1826.

ASTRAGAL FRONT. (See page 17.)

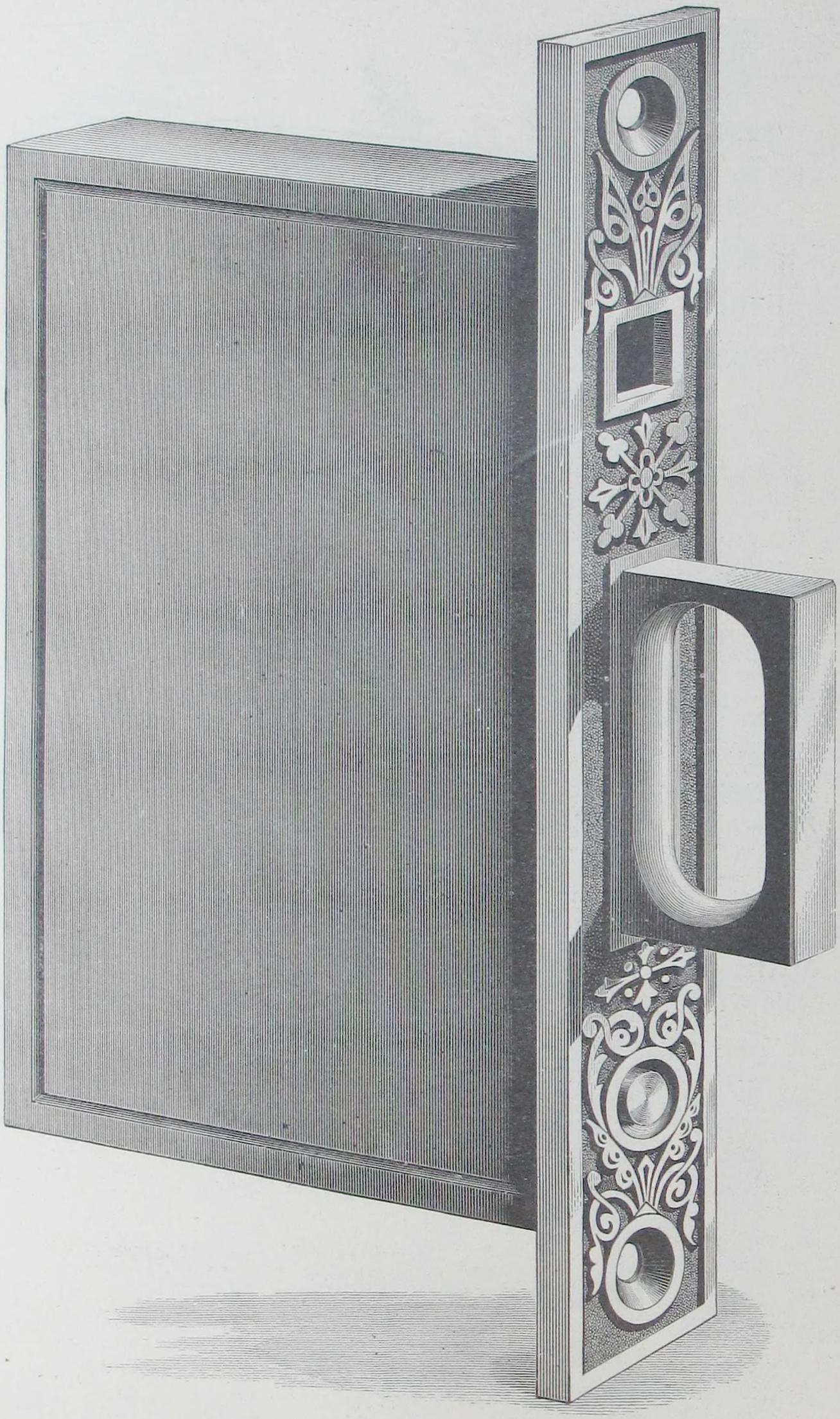
Distance from edge of door to center of Key-hole, 3¼ inches.

Thickness of Case, ¾ inch.

STANDARD FLUSH PULL MORTISE SLIDING DOOR LOCKS,

Nos. 1824 to 1830R.

[HALF SET.]



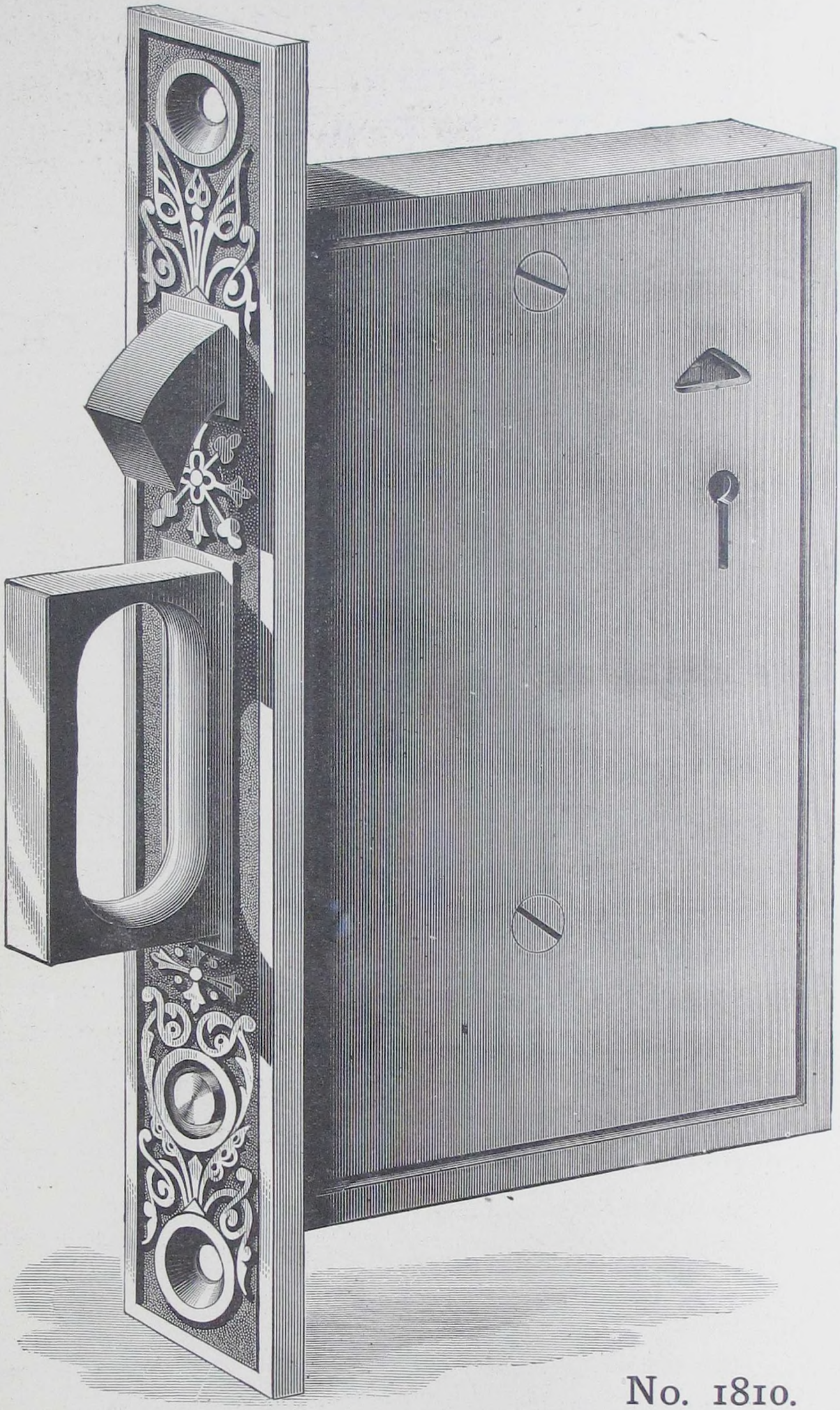
STRIKE For No. 1810. (For Lock, see page 239.)

For Use in Connection with Locks for Double Doors.

STANDARD FLUSH PULL MORTISE SLIDING DOOR LOCKS,

Nos. 1804 to 1810R.

[For description, see page 236.]



No. 1810.

Distance from edge of door to center of Key-hole, 3 inches.

Thickness of Case, ¾ inch.

STANDARD FLUSH PULL MORTISE SLIDING DOOR LOCKS,
Nos. 1804 to 1830R.

[HALF SET,]

[For description, see page 236.]

STANDARD

EASY SPRING, MORTISE

SLIDING DOOR KNOB LOCKS,

Nos. 1844 to 1870.

WITH PATENT NICKEL-PLATED STEEL KEYS.

Illustrations, see pages 241 and 242.

Operated, by the key and knobs from **both sides of the door.** As a spring latch, by the knobs. By means of the key the latch bolt is dead locked, so that the knobs will not operate.

Three Tumblers, of cold rolled polished steel. **120 Changes.**

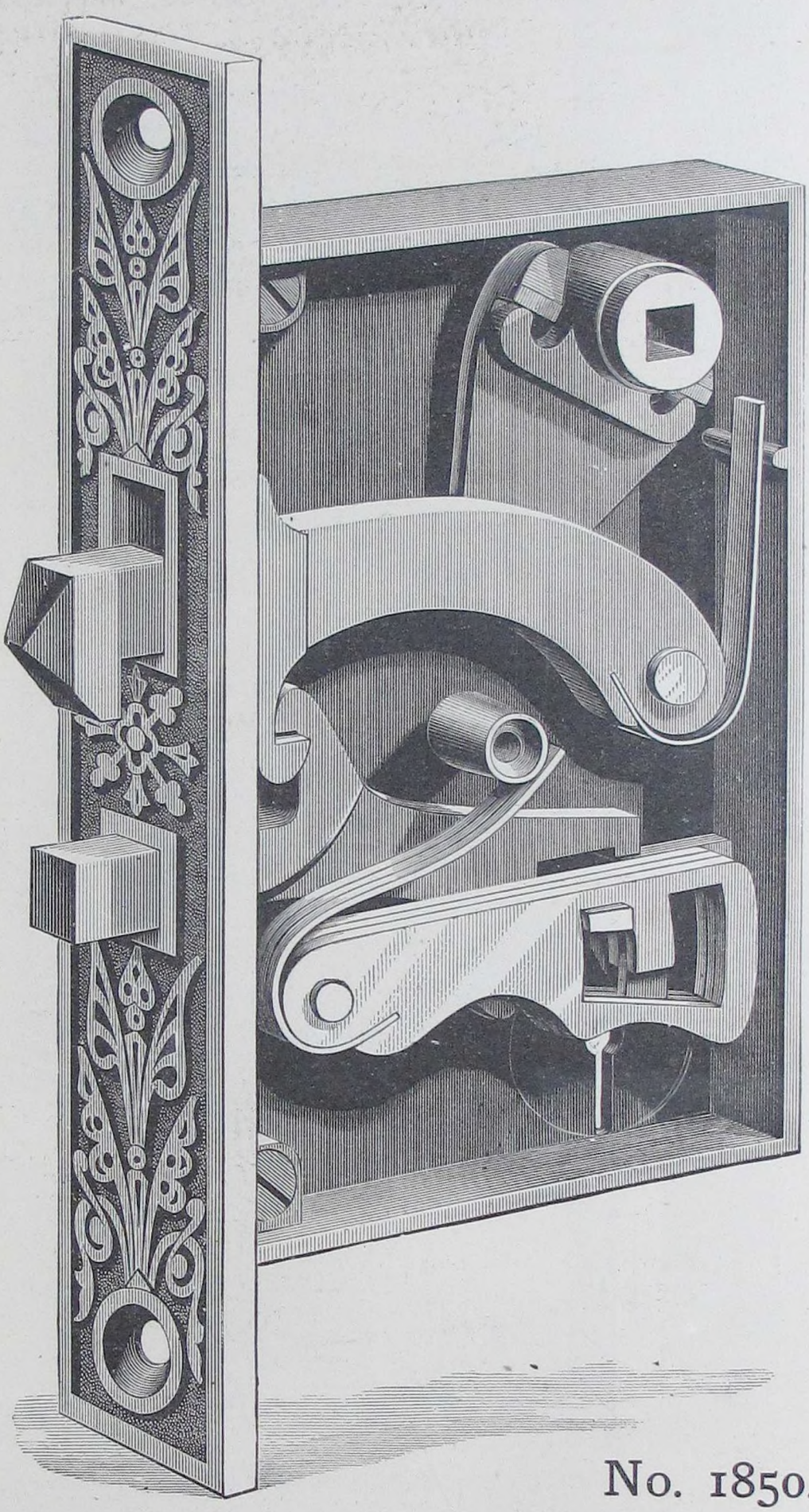
Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Packed, each lock in a paper box, with strike, 1 key, (Class No. 34), key plates, and screws, complete.

Heavy Bronze Front, Bolts and Strike. **Case,** 5 inches by 3 inches.

No.	Front, Strike and Bolts.	Keys Plates.	Per Dozen.
STRAIGHT FRONTS, see page 241.			
1844	Plated.	Plated. (No. 812P.)	
1846	Plain Bronze.	Plain Bronze. (No. 812P.)	
1850	Ornamental Bronze.	Ornamental Bronze. (No. 811.)	
ASTRAGAL FRONTS, see page 242. (See page 17.)			
1864	Plated.	Plated. (No. 812P.)	
1866	Plain Bronze.	Plain Bronze. (No. 812P.)	
1870	Ornamental Bronze.	Ornamental Bronze. (No. 811.)	

For Knobs and Key Plates, see Bronze Goods Section. **For Keys,** see Key Section.

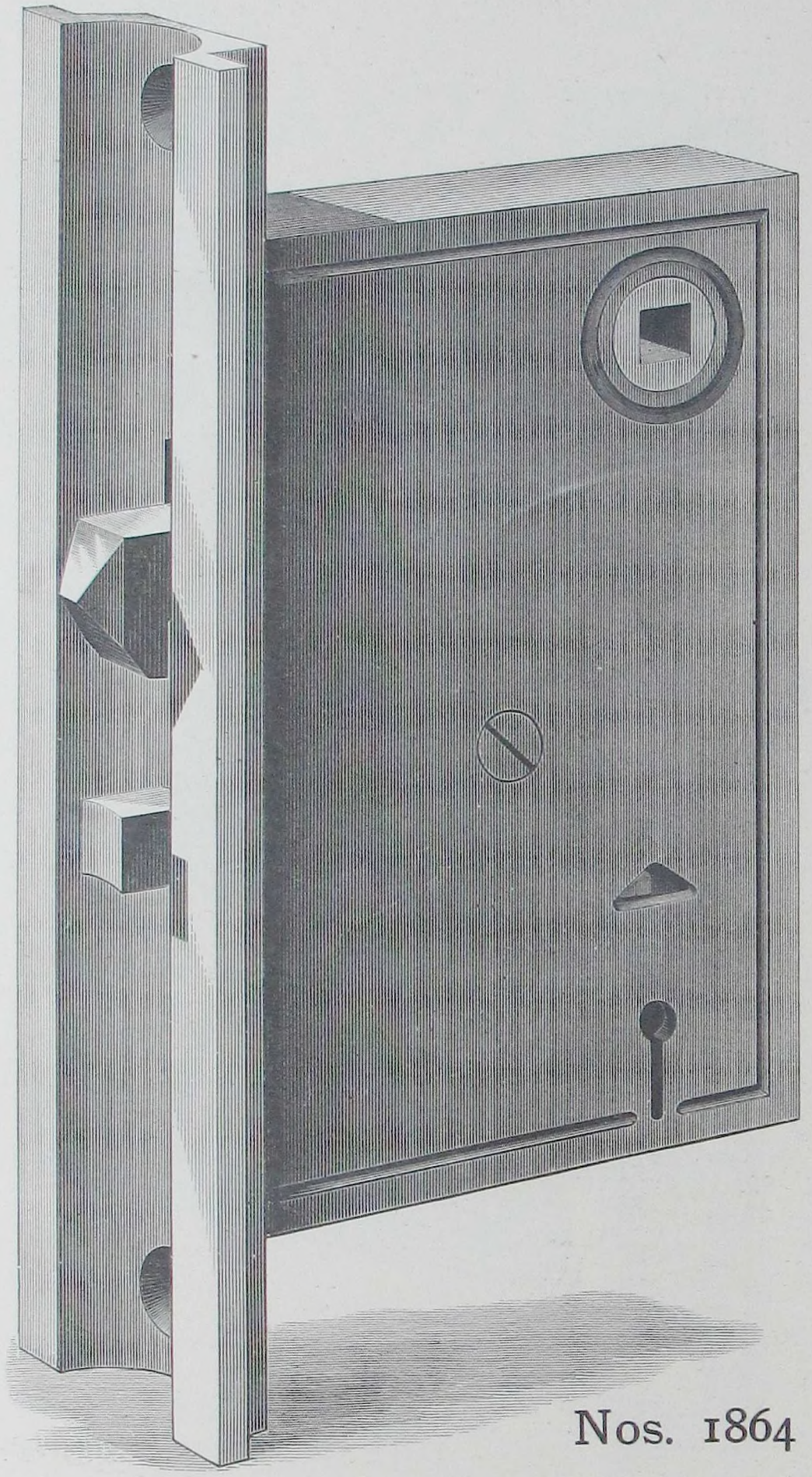


No. 1850.

Distance from edge of door to center of Hub and Key-holes, 2¼ inches.
Thickness of Case, ⅝ inch.

STANDARD MORTISE SLIDING DOOR KNOB LOCKS,

Nos. 1844 to 1850 and 1864 to 1870.



Nos. 1864 and 1866.

ASTRAGAL FRONT. (See page 17.)

Distance from edge of door to center of Hub and Key-holes, 2¾ inches.

Thickness of Case, ⅝ inch.

STANDARD MORTISE SLIDING DOOR KNOB LOCKS,

Nos. 1844 to 1850 and 1864 to 1870.

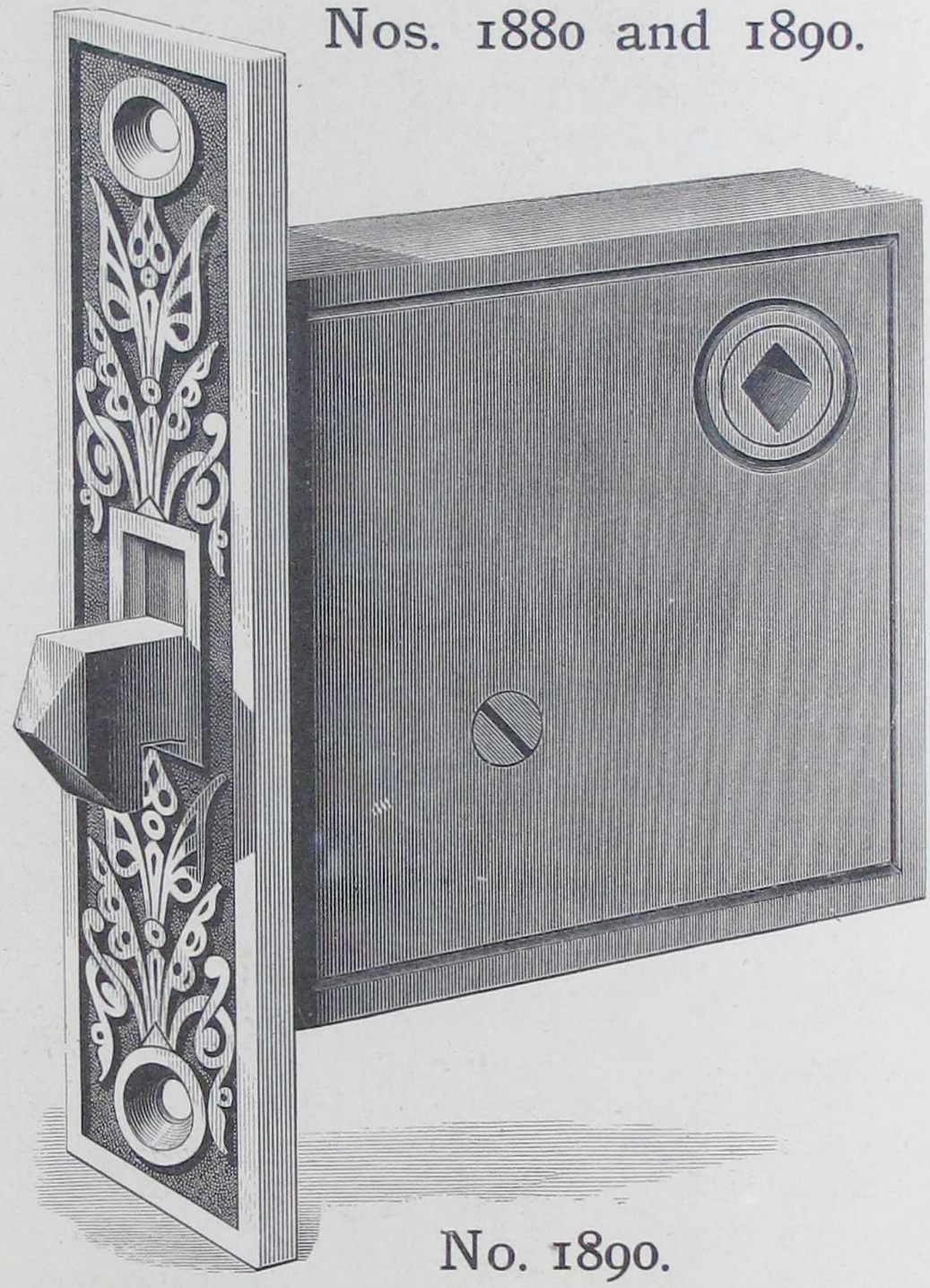
[For description, see page 240.]

STANDARD

EASY SPRING, MORTISE

SLIDING DOOR KNOB LATCHES

Nos. 1880 and 1890.



No. 1890.

Distance from edge of door to center of Hub, 2¾ inches. Thickness of Case, ¾ inch.

For Use on Sliding doors between communicating rooms.
Operated by knobs from **both sides of the door.**
Packed, ¼ dozen in a paper box, with strike and screws.
Heavy Bronze Front, Bolt and Strike. **Case,** 3 inches by 3 inches.

No.	Front.	Per Dozen.
1880	Plain Bronze.	
1890	Ornamental Bronze.	

For Knobs, see Bronze Goods Section.

STANDARD

ELEVATOR

SLIDING DOOR LATCHES,

Nos. 1792 and 1795.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use, No. 1972, especially on Elevator doors, but suitable also for Sliding doors. No. 1795, for Sliding gates.

Operated. No. 1792, from the outside by the key only, and on the inside by sunken handle. The latch is released from inside by pressure on the movable piece within the sunken handle. No. 1795, by handles from **both sides of the door,** the key from either side dead-locking the bolt.

No. 1795 with Three Tumblers. **18 Changes.**

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right or Left according to order, but **not adjustable** to right and left hand doors, that is, to doors sliding to right or left.

Packed, ¼ dozen in a paper box, with 1 (Class No. 30) key, strike and screws.

Heavy Bronze Case and Strike. **No. 1792, Case,** 5⅛ inches by 2¾ inches. **No. 1795, Case,** 5¾ inches by 2⅝ inches.

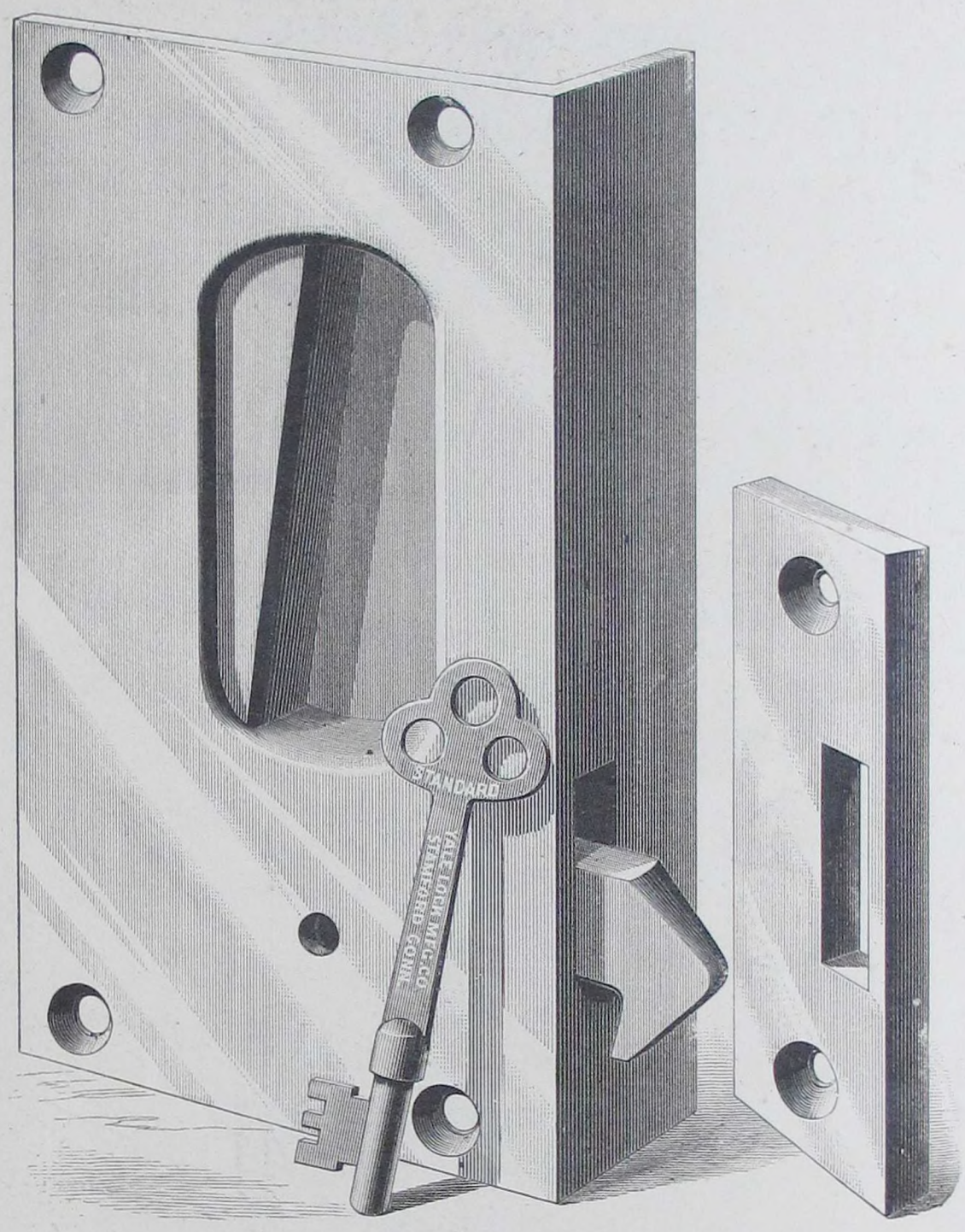
No.	Case and Strike.	Key Plate.	Per Dozen.
1792	Plain Bronze.	Plain Bronze. (No. 812P.)	
*1795	Plain Bronze.		

*Arranged for Sliding gates. For operation, see above.

DIRECTIONS FOR ORDERING.

Hand. State when ordering whether latches are intended for doors sliding to right or left, when facing the side shown in illustration.

For Keys, see Key Section.



No. 1792.

FOR LEFT HAND DOOR.

No. 1792—Distance from edge of door to center of Key-hole, 1¼ inches.
No. 1795—Distance from edge of door to center of Key-hole, 1⅞ inches.

No. 1792—Thickness of Case, ⅞ inch.
No. 1795—Thickness of Case, ⅝ inch.

STANDARD SLIDING DOOR ELEVATOR LOCKS, Nos. 1792 and 1795.

STANDARD

EASY SPRING, MORTISE

FRONT DOOR LOCKS,

WITH NIGHT LATCH.

Nos. 2000 to 2010R.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on principal or outside doors of Residences, Public Buildings, etc.

Vestibule Latches, page 250, are designed to accompany these locks, and keys passing both locks are furnished, when so ordered.

Operated. The dead bolt by key from **both sides of the door.** The latch by a different key from the outside and by a thumb-piece from the inside, also by knobs from both sides; but by means of the stop in the front of the lock the knobs can be stopped from operating, if desired. Or this lock may be used with swivel spindles, the stop then shutting off the outside knob only, in which case the thumb-piece is left out.

Three Tumblers for each bolt, of cold rolled polished steel. **120 Changes.**

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right and Left. Can be applied at will both to right and left hand doors, except when swivel spindles are used.

Packed, each lock in a paper box, with 2 keys for each bolt, (Class No. 32 for latch bolt, and Class No. 34 for dead bolt), complete fittings and screws.

Heavy Bronze Front, Bolts and Strike. **Case,** 6 inches by 4 inches.

No.	Front.	Regular Plate.	Knobs.	Thumb Piece.	Key for each Bolt.	Complete with Furniture. Per Dozen.	Without Knobs and Plates. Per Dozen.
2000	Plain Bronze	Plain Bronze (Nos. 304P and 806P.)	Plain Bronze (No. 15½.)	Plain Bronze (No. 1.)	Two.		
2010	Ornamental Bronze.	Ornamental Bronze. (Nos. 304 and 806.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze. (No. 2.)	Two.		
2010R	*Ornamental Bronze.	Ornamental Bronze. (Nos. 304R and 806R.)	Ornamental Bronze. (No. 33½.)	Ornamental Bronze. (No. 3.)	Two.		
Extra for locks with Swivel Spindles, Per dozen.							

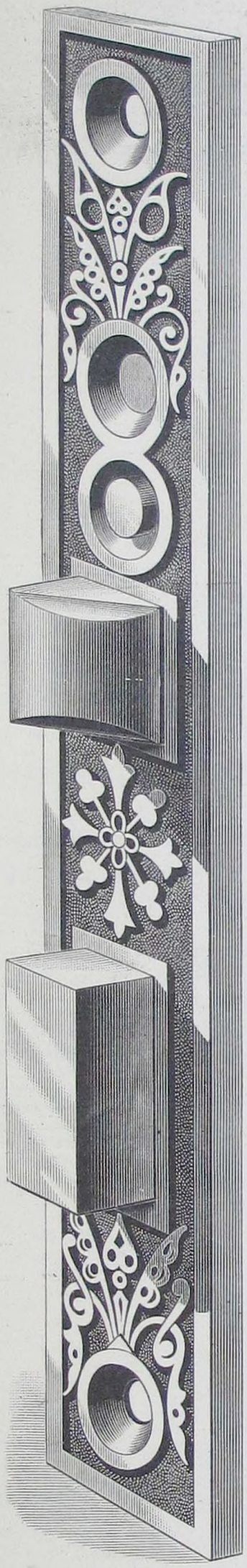
*For this design, see illustration of 1630R, page 209.

DIRECTIONS FOR ORDERING.

Swivel Spindles. In ordering with swivel spindles specify whether **Right Hand** or **Left Hand** lock is wanted. See page 16.

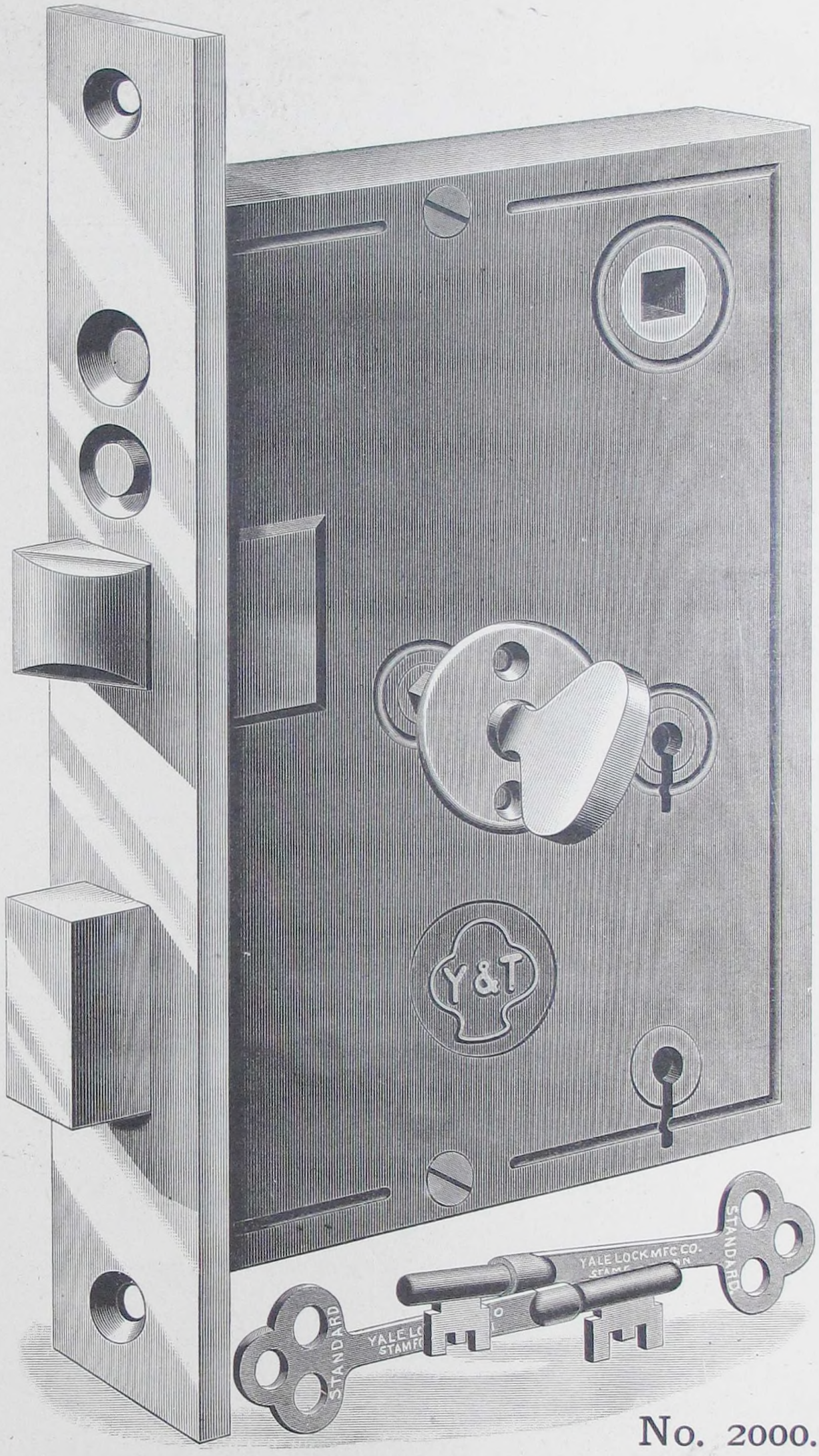
For Knobs, Key Plates, and **Combined Escutcheons,** see Bronze Goods Section.

For Keys, see Key Section.



FRONT

For No. 2010 Lock.



No. 2000.

Distance from edge of door to center of Hub for Knobs and Key-holes, 3 inches.
Thickness of Case, ¾ inch.

STANDARD MORTISE FRONT DOOR LOCKS, Nos. 2000 to 2010R.

STANDARD

RABBETED

EASY SPRING, MORTISE

FRONT DOOR LOCKS,

WITH NIGHT LATCH.

Nos. 2020 and 2030R.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on principal or outside doors of Residences, Public Buildings, etc.

Operated. The dead bolt by key from **both sides of the door.** The latch by a different key, from the outside and by a thumb-piece from the inside, also by knobs from both sides; but by means of the stop in front of the lock, the knobs can be stopped from operating, if desired. Or this lock may be used with swivel spindles, if so ordered, the stop then shutting off the outside knob only, in which case the thumb-piece is left out.

Three Tumblers for each bolt, of cold rolled polished steel. **120 Changes.**

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 2 keys for each bolt, (Class No. 32 for latch bolt, and Class No. 34 for dead bolt), complete fittings and screws.

Heavy Bronze Front, Bolts and **Strike.** **Case,** 6 by 4½ inches.

No.	Front.	Regular Plates.	Knobs.	Thumb Piece.	Keys for each Bolt.	Complete with Furniture. Per Dozen.	Without Knobs and Plates. Per Dozen.
2020	Plain Bronze	Plain Bronze (Nos. 304P and 806P.)	Plain Bronze (No. 15½.)	Plain Bronze (No. 1.)	Two.		
2030	Ornamental Bronze.	Ornamental Bronze. (Nos. 304 and 806.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze. (No. 2.)	Two.		
2030R	*Ornamental Bronze.	Ornamental Bronze. (Nos. 304R and 806R.)	Ornamental Bronze. (No. 33½.)	Ornamental Bronze. (No. 3.)	Two.		
Extra for locks with Swivel Spindles, $ Per Dozen.							

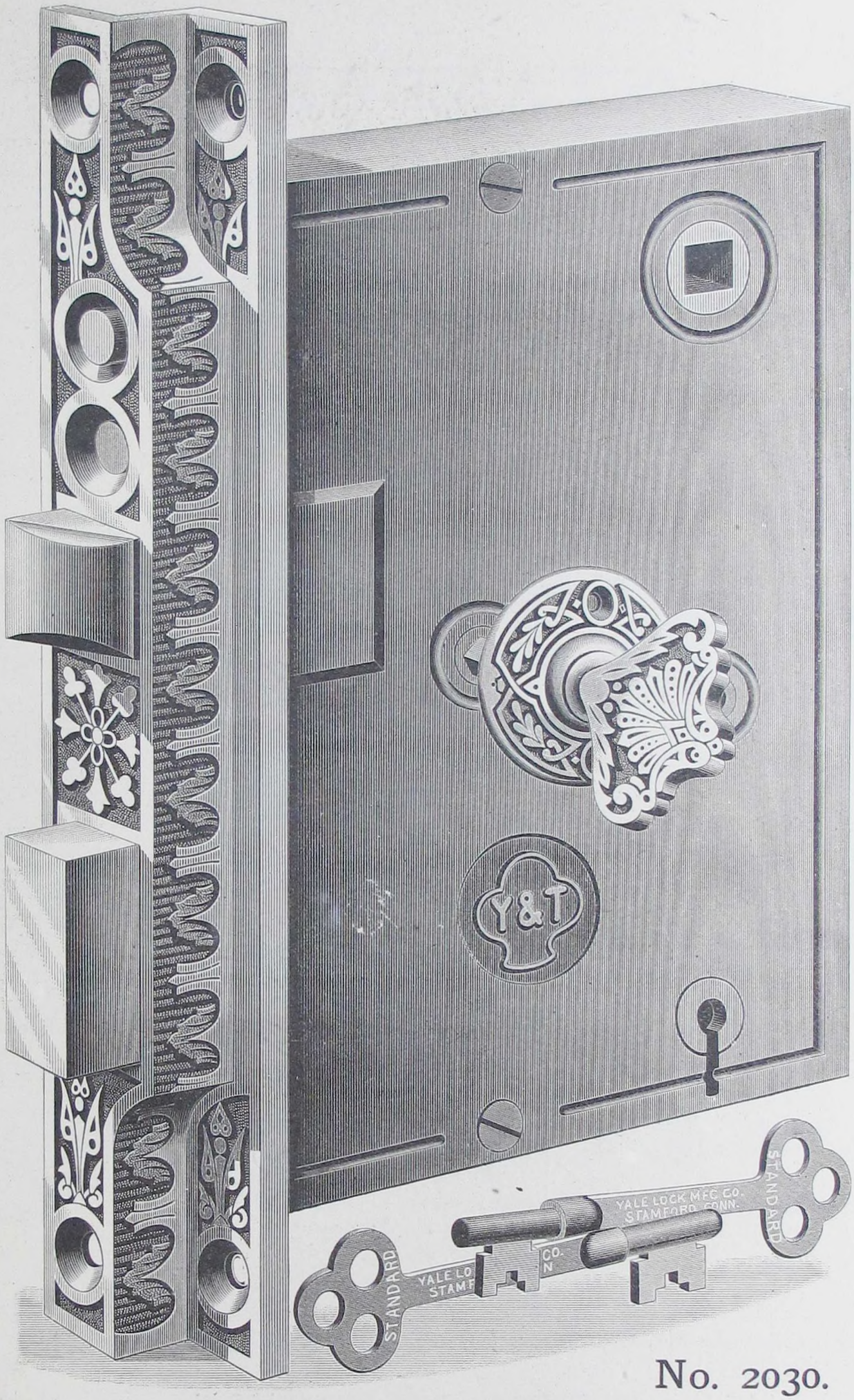
*For this design, see illustration of 1630R, page 209.

DIRECTIONS FOR ORDERING.

Hand. State whether locks are intended for **Right Hand** or **Left Hand** doors. See page 16.

For Knobs, Key Plates and **Combined Escutcheons,** see Bronze Goods Section.

For Keys, see Key Section.



No. 2030.

Distance from edge of door to center of Hub for Knob and Key-holes, { One side, 3 inches. / Other side, 3½ inches. } Rabbet, ½ inch. (See page 17.)

Thickness of Case, ¾ inch.

STANDARD MORTISE FRONT DOOR LOCKS, (Rabbeted,)

Nos. 2020 to 2030R.

STANDARD

EASY SPRING, MORTISE

VESTIBULE LATCHES,

Nos. 2200 to 2210R.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use with Front Door locks, page 246, or may be used alone on Front or Outside doors when a dead lock is not required.

Operated by a thumb-piece from the inside and by knobs from **both sides of the door**; but by means of the stop in front of the lock, the knobs can be stopped from operating, if desired. Or this lock may be used with swivel spindles, the stop then shutting off the outside knob only, in which case the thumb-piece is left out.

Three Tumblers, of cold rolled polished steel. 72 Changes.

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one** solid piece. The parts are solidly **riveted** together, **not** soldered or brazed.

Right and Left. Can be adjusted at will both to right and left hand doors, except when swivel spindles are used.

Packed, each lock in a paper box, with 2 (Class No. 32) keys, complete fittings and screws.

Heavy Bronze Front, Bolt and Strike. Case, 4 inches by 4 inches.

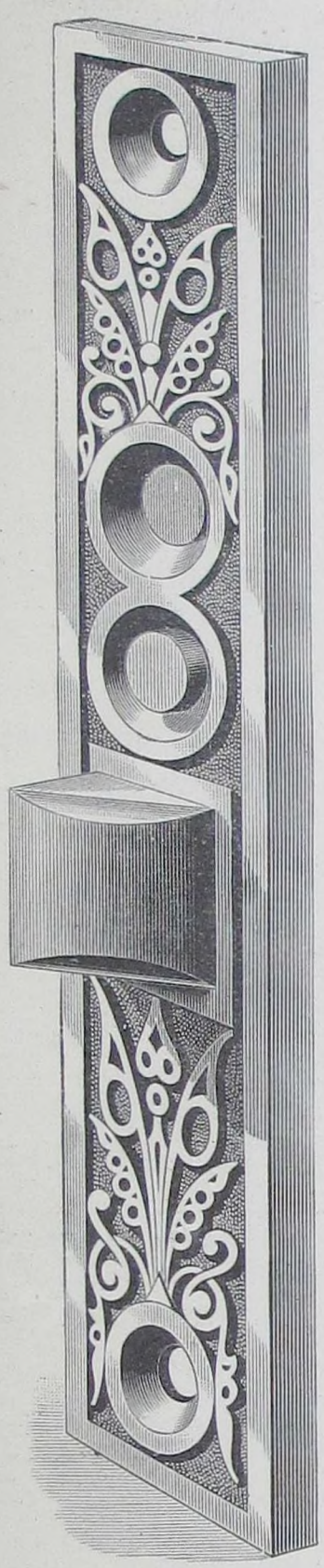
No.	Front.	Regular Plate.	Knobs.	Thumb Piece.	Keys.	Complete with Furniture. Per Dozen.	Without Knobs and Plate. Per Dozen.
2200	Plain Bronze	Plain Bronze (No. 404P.)	Plain Bronze (No. 15½.)	Plain Bronze (No. 1.)	Two.		
2210	Ornamental Bronze.	Ornamental Bronze. (No. 404.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze. (No. 2.)	Two.		
2210R	*Ornamental Bronze.	Ornamental Bronze. (No. 404R.)	Ornamental Bronze. (No. 33½.)	Ornamental Bronze. (No. 3.)	Two.		
Extra for locks with Swivel Spindles, $ Per dozen,							

*For this design, see illustration of No. 1630R, page 209.

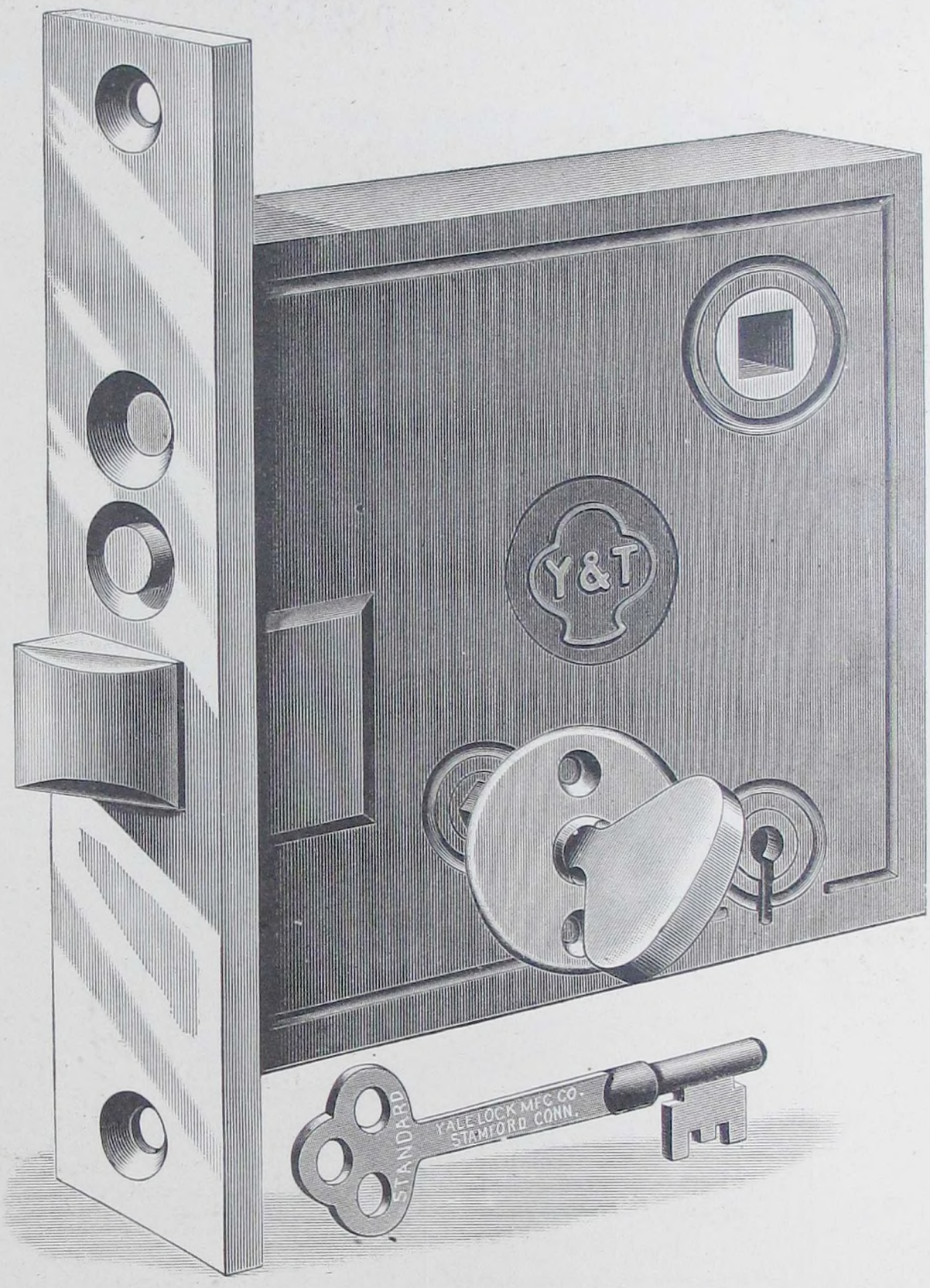
DIRECTIONS FOR ORDERING.

Swivel Spindles. In ordering with swivel spindles specify whether **Right Hand** or **Left Hand** lock is wanted. See page 16.

For Key Plates and **Combined Escutcheons,** see Bronze Goods Section. **For Keys,** see Key Section.



FRONT
For No. 2210 Latch.



No. 2200.

Distance from edge of door to center of Hub for Knobs and Key-hole, 3 inches.

Thickness of Case, ¾ inch.

STANDARD MORTISE VESTIBULE LATCHES, Nos. 2200 to 2210R.

STANDARD

RABBETED

EASY SPRING, MORTISE

VESTIBULE LATCHES,

Nos. 2220 to 2230R.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use with Front Door locks, page 248, or may be used alone on Front or Outside doors when a dead lock is not required.

Operated by a thumb-piece from the inside, and by knobs from **both sides of the door**; but by means of the stop in the front of the lock, the knobs can be stopped from operating, if desired. Or this lock may be used with swivel spindles, the stop then shutting off the outside knob only, in which case the thumb-piece is left out.

Three Tumblers, of cold rolled polished steel. **72 Changes.**

Keys, of rolled steel, **nickel-plated.** The stem and bits, which receive all the wear, are **rolled in one solid piece.** The parts are solidly **riveted** together, **not** soldered or brazed.

Right or Left according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 2 (Class No. 32) keys, complete fittings and screws.

Heavy Bronze Front, Bolt and Strike. **Case,** 4 inches by 4½ inches.

No.	Front.	Regular Plate.	Knobs.	Thumb Piece.	Keys.	Complete with Furniture. Per Dozen.	Without Knobs and Plate. Per Dozen.
2220	Plain Bronze	Plain Bronze (No. 404P.)	Plain Bronze (No. 15½.)	Plain Bronze (No. 1.)	Two.		
2230	Ornamental Bronze.	Ornamental Bronze. (No. 404.)	Ornamental Bronze. (No. 11½.)	Ornamental Bronze. (No. 2.)	Two.		
2230R	*Ornamental Bronze.	Ornamental Bronze. (No. 404R.)	Ornamental Bronze. (No. 33½.)	Ornamental Bronze. (No. 3.)	Two.		
Extra for locks with Swivel Spindles, $ Per dozen.							

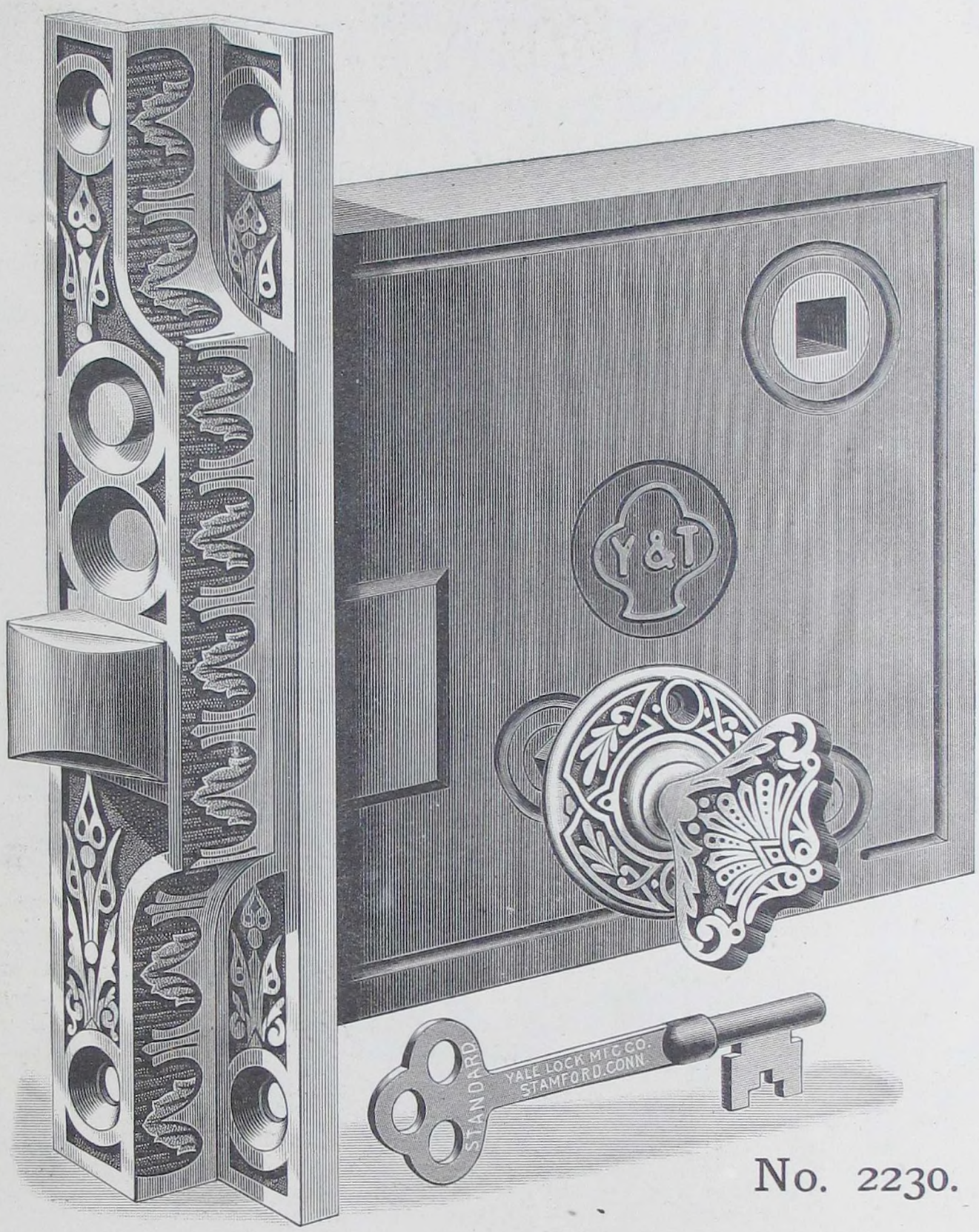
*For this design, see illustration of No. 1630R, page 209.

DIRECTIONS FOR ORDERING.

Hand. State whether intended for **Right Hand** or **Left Hand** doors. See page 16.

For Knobs, Key Plates and **Combined Escutcheons,** see Bronze Goods Section.

For Keys, see Key Section.



No. 2230.

Distance from edge of door to center of Hub for Knobs and Key-holes, { One side, 3 inches. / Other side, 3½ inches. } Rabbet, ½ inch. (See page 17.)

Thickness of Case, ¾ inch.

STANDARD MORTISE VESTIBULE LATCHES, (Rabbeted,)

Nos. 2220 to 2230R.

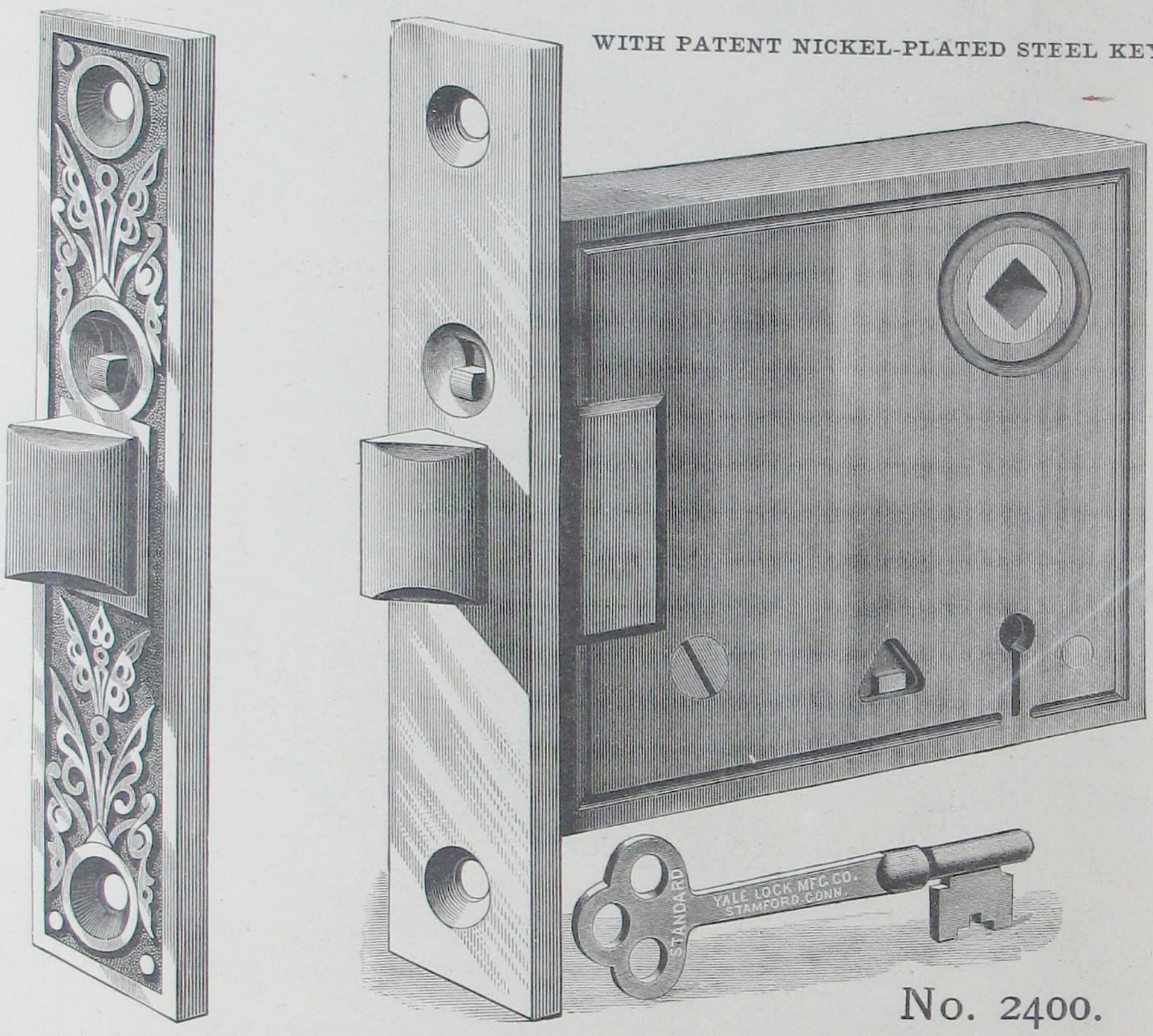
STANDARD

EASY SPRING, MORTISE

NIGHT LATCHES,

Nos. 2400 and 2410.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 2400.

FRONT
For No. 2410 Latch.

Distance from edge of door to center of Hub and Key-holes, 2¾ inches.
Thickness of Case, ⅝ inch.

For Use on doors of Stores, Residences, Offices, Private Rooms, Lodges and Club Rooms.
Operated from the outside or both sides by the key, and on the inside by a 1¾ inch knob. The bolt may be fastened back at will by the spring catch in front.
Three Tumblers, of cold rolled polished steel. **72 Changes.**
Right and **Left.** Can be adjusted at will both to right and left hand doors.
Packed, each lock in a paper box, with knob, knob rose, key plate, screws and 2 (Class No. 32) keys.
Heavy Bronze Front, Bolt and Strike. **Case,** 3¼ inches by 3½ inches.

No.	Front.	*Knob.	Key Plate.	Keys.	Per Dozen.
2400	Plain Bronze.	Pearl White. (No. 2129P.)	Plain Bronze. (No. 812P.)	Two.	
2410	Ornamental Bronze.	Ornamental Bronze (No. 2107.)	Ornamental Bronze (No. 812.)	Two.	

*Knob. Wood or other 1¾ inch mortise latch knobs listed in Bronze Goods Section, may be substituted for those specified in table. **For Keys,** see Key Section.

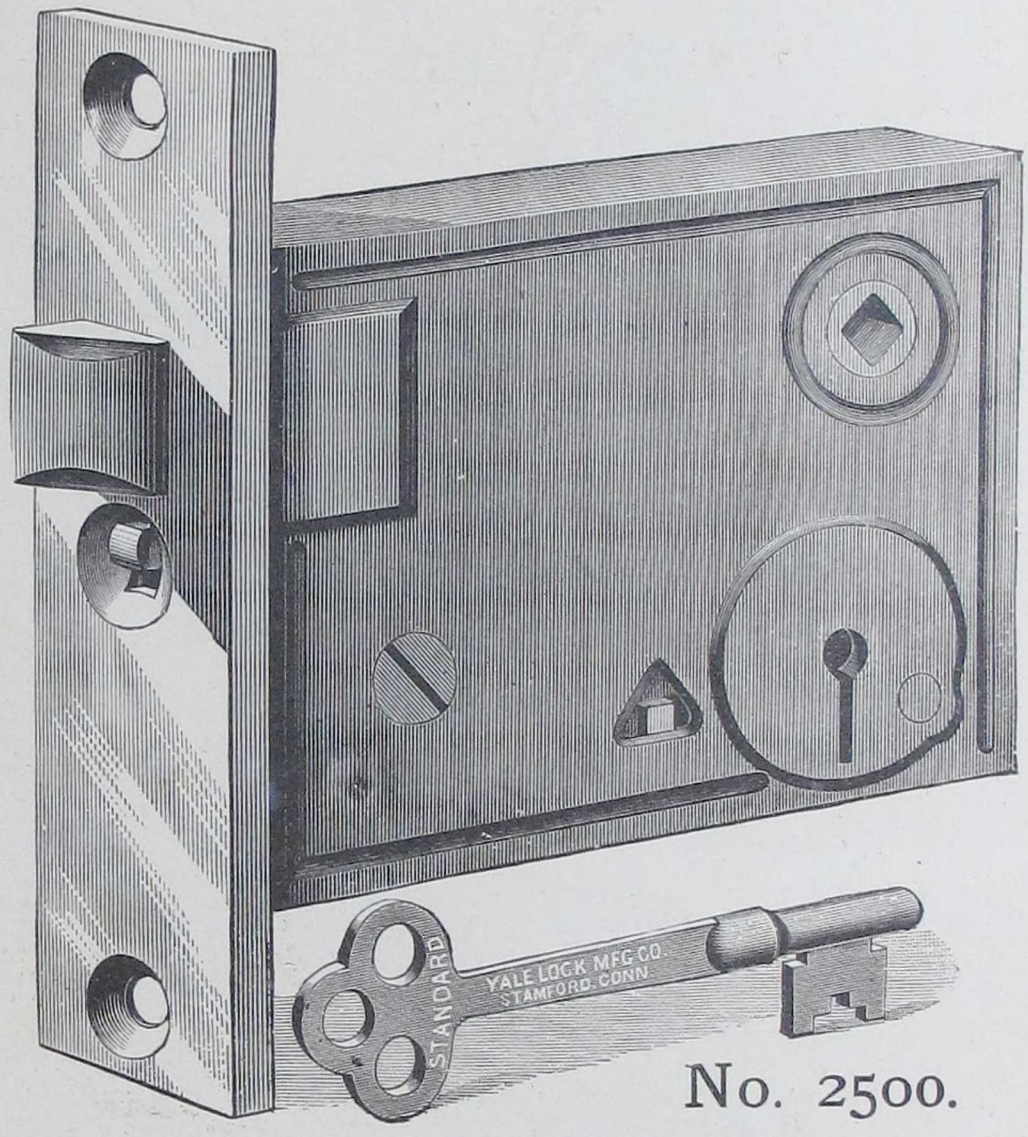
STANDARD

EASY SPRING,

MORTISE NIGHT LATCH,

No. 2500.

WITH PATENT NICKEL-PLATED STEEL KEYS.



No. 2500.

Distance from edge of door to center of Hub and Key-hole, 2½ inches. Thickness of Case, ½ inch.

For Use on light doors of Residences, Offices, Private Rooms, Lodges and Club Rooms.

Operated from the outside by the key only, on the inside by a thumb-piece, as shown on page 247. The bolt may be fastened back at will by the spring catch in front.

Three Tumblers, of cold rolled polished steel. **72 Changes.**

Right and Left. Can be applied at will both to right and left hand doors.

Packed, each lock in a paper box, with thumb-piece, key-plate, screws, and 2 keys, (Class No. 32).

Heavy Bronze Front, Bolt and Strike. **Case,** 2½ inches by 3¼ inches.

No.	Front.	Thumb Piece.	Key Plate.	Keys.	Per Dozen.
2500	Plain Bronze.	Plain Bronze. (No. 1.)	Plain Bronze. (No. 812P.)	Two.	

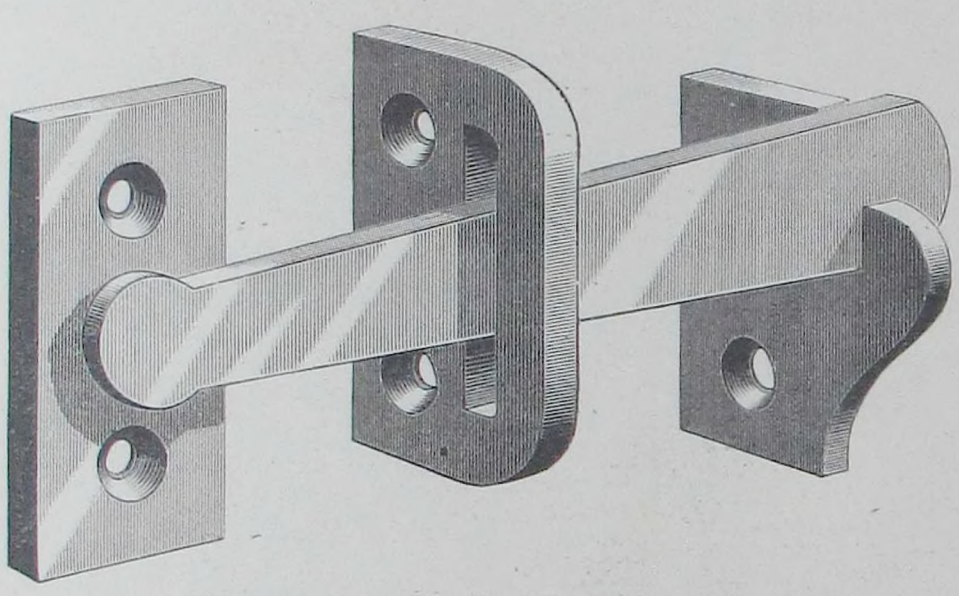
For Key Plates and Thumb Pieces, see Bronze Goods Section. **For Keys,** see Key Section.

STANDARD

LIFT LATCHES,

WITH HANDLES.

No. 1070.



LIFT LATCH.

For Use on doors of Stores, Public Buildings, etc.

Adjustable, as packed, to doors from 1½ to 3 inches thick.

Operated by latch from **both sides of the door.**

Packed, each lift latch with handle, and a small plate for inside of door, complete, in a paper box, with screws.

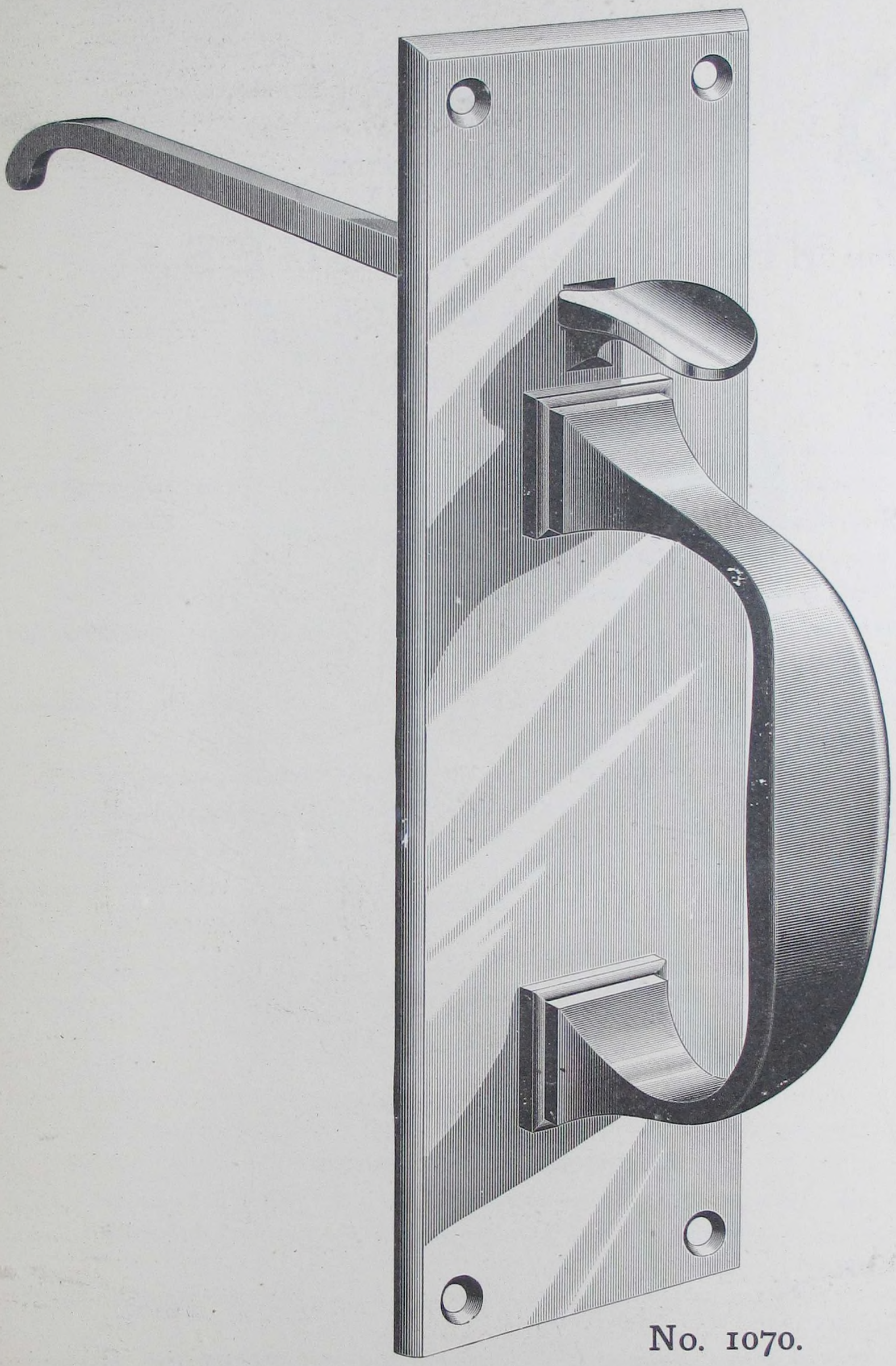
These handles and latches can be applied to advantage on the same door with Standard locks Nos. 1200, 1040, 1300, and Yale locks on pages 26 to 43.

No.	Handle.	Lift Latch.	Complete with Handle. Each.
1070	Plain Bronze.	Plain Bronze.	

For Standard Combined Locks and Latches, with Handles, see pages 260 to 269.

For Yale Combined Locks and Latches, with Handles, see pages 124 to 133.

For Mortise Thumb Latches, see page 258.



No. 1070.

STANDARD LIFT LATCHES, (With Handles.)

(For description, see page 256.)

STANDARD

EASY SPRING, MORTISE

THUMB LATCHES,

Nos. 1120 and 1130.

WITH HANDLES.

For Use on doors of Stores, Public Buildings, etc.

These handles and latches can be applied to advantage on the same door with Yale or Standard dead locks.

Adjustable, as packed, to doors from 1¼ to 3 inches thick. **Finish,** see below.

Operated by latch from **both sides of the door.**

Right and Left. **Straight front** locks are adjustable at will both to right and left hand doors.

Right or Left. **Rabbeted front** locks are right and left, according to order, but are **not adjustable** to right and left hand doors. See page 16.

Packed, complete, with screws, mortise latch, strike and 2 handles as shown on page 257, but with short thumb-pieces.

For Standard locks with Handles, see pages 260 to 269.

For Yale locks with Handles, see pages 124 to 133.

Heavy Bronze Bolts.

For Lift latches, see page 256.

For Handles only, see pages 364 to 373.

Case, 3 inches by 3 inches.

HANDLES WITH MORTISE LATCHES.

No.	Front of Latch.	Plates and Handles.	Complete, with Double Handles, Each.
1120	Plain Bronze.	Plain Bronze.	

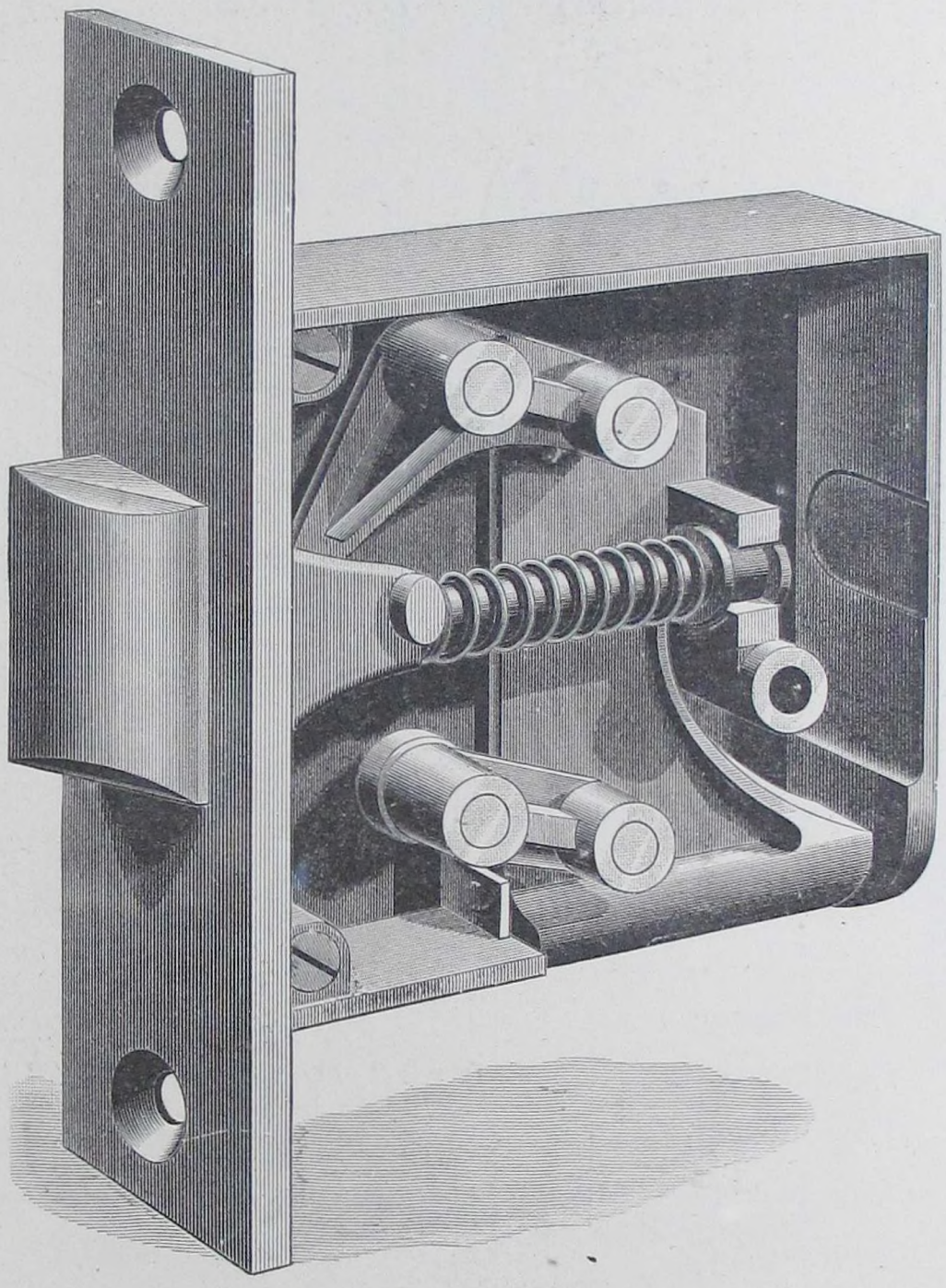
Made also Rabbeted, see Price List.

DIRECTIONS FOR ORDERING.

Finish, see pages 14 and 308. Plates, handles and lock fronts will be furnished in Natural Color, Light Bronze, unless otherwise ordered. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

Rabbeted. For number of **rabbeted** latch with handles, add 20 to number of corresponding **straight front** latch.

Hand. For **rabbeted** latches state whether they are intended for **right hand** or **left hand** doors. See page 16.



No. 1120.

STANDARD MORTISE THUMB LATCHES, Nos. 1120 and 1130.

(WITH HANDLES.)

(For Handles, see page 257. For description, see page 258.)

STANDARD

COMBINED STORE DOOR

LOCKS AND LATCHES,

Nos. 2614P to 2628.

WITH HANDLES.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on doors of Stores and Public Buildings.

Adjustable, as packed, to doors from 1½ to 3 inches thick. **Finish,** see below.

Operated by key and latch from **both sides of the door.**

Right and **Left.** **Straight front** locks are adjustable to right and left hand doors.

Right or **Left.** **Rabbeted front** locks are right or left, according to order, but are **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 (Class No. 36) keys, strike, handles and screws, complete.

For locks with Double-Acting Latch Bolts, and with **Plates and Handles,** as specified below, see page 268.

For Yale locks with Handles, see pages 124 to 133.

Heavy Bronze Bolts. **Case,** 5 inches by 3 inches.

No.	Front of Lock.	Plates and Handles.	Complete, with Double Handles. Per Set.
2614 P	Plain Bronze.	*Plain Bronze.	
2614 L	Plain Bronze.	Plain Bronze. Lined.	
2626 P	Plain Bronze.	Plain Bronze. (Plain Straight Handle.)	
2626 S	Plain Bronze.	Plain Bronze. (Spiral Handle.)	
2628	Plain Bronze.	Ornamental Bronze.	

Made also Rabbeted, see Price List.

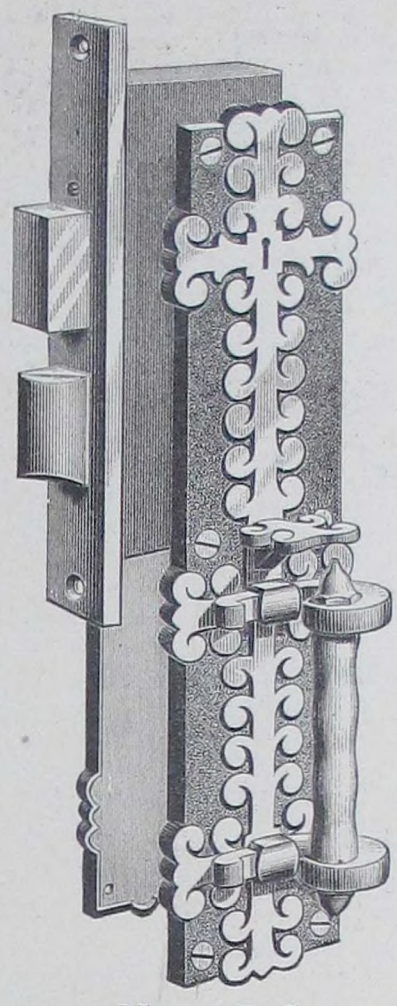
*No. 2614P is the same design as No. 2614L, differing only in omission of the lines on the plates.

DIRECTIONS FOR ORDERING.

Finish, see pages 14 and 308. Plates, handles and lock fronts will be furnished in Natural Color, Light Bronze, unless otherwise ordered. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

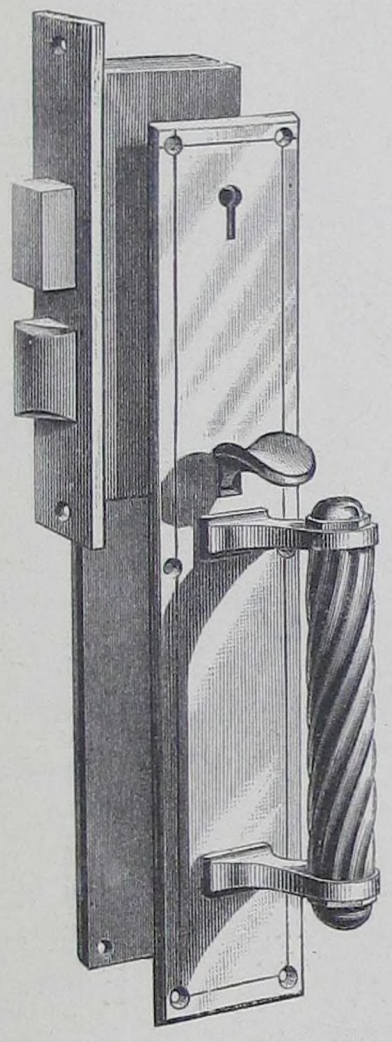
Rabbeted. For number of a **rabbeted** lock with handles, add 20 to number of corresponding straight **front** lock.

Hand. For **rabbeted** locks state whether they are intended for **right hand** or **left hand** doors. See page 16.



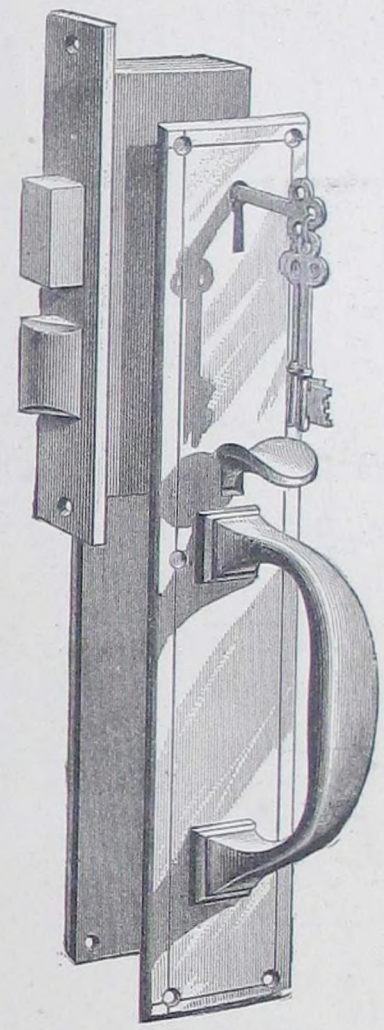
No. 2628.

Actual size of Plates, 14 x 3½ ins.



No. 2626S.

Actual size of Plates, 13½ x 2¼ ins.



No. 2614L.

Actual size of Plates, 13½ x 2¼ ins.

CUTS

$\frac{1}{4}$

ACTUAL SIZE.

(Full size of No. 36 Key.)

Distance from edge of door to center of Key-holes and Thumb-pieces, 2¼ inches.

Thickness of Case, ¾ inch.

STANDARD COMBINED STORE DOOR LOCKS AND LATCHES.

(WITH HANDLES.)

STANDARD

COMBINED STORE DOOR

LOCK AND LATCH,

No. 2618P.

WITH HANDLES.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on doors of Stores and Public Buildings.

Adjustable, as packed, to doors from 1½ to 3 inches thick.

Finish, see below.

Operated by key and latch from **both sides of the door.**

Right and Left, Straight front locks are adjustable to right and left hand doors.

Right or Left. Rabbeted front locks are right or left, according to order, but are **not adjustable** to right and left hand doors.

Packed, each lock in a paper box, with 3 (Class No. 36) keys, strike, handles and screws, complete.

For locks with Double-Acting Latch Bolts, and with **Plates and Handles,** as specified below, see page 268.

For Yale locks with Handles, see pages 124 to 133.

Heavy Bronze Bolts.

Case, 5 inches by 3 inches.

No.	Front of Lock.	Plates and Handles.	Complete, with Double Handles, Per Set.
2618P	Plain Bronze.	Plain Bronze.	

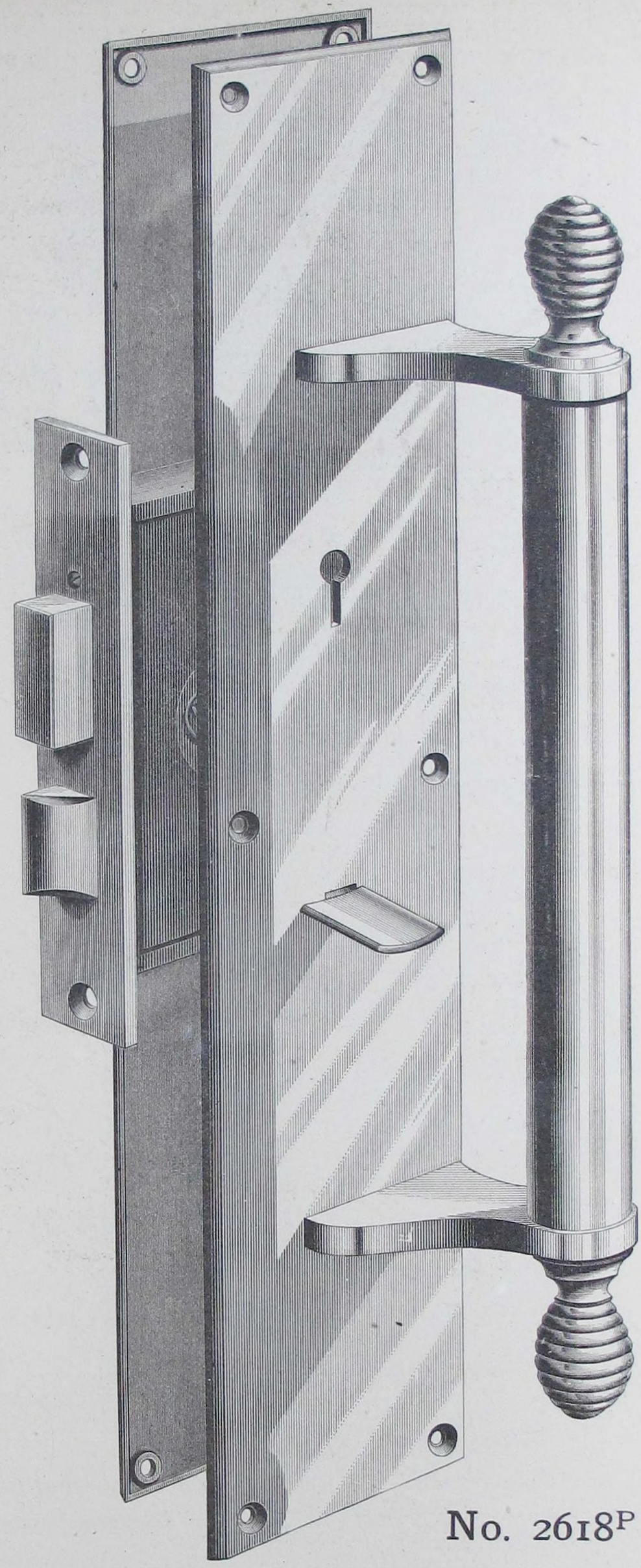
Made also Rabbeted, see Price List.

DIRECTIONS FOR ORDERING.

Finish, see pages 14 and 308. Plates, handles and lock fronts will be furnished in Natural Color, Light Bronze, unless otherwise ordered. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

Rabbeted. For number of a **rabbeted** lock with handles, add 20 to number of corresponding **straight front** lock.

Hand. For **rabbeted** locks state whether they are intended for **right hand** or **left hand** doors. See page 16.



1/2
ACTUAL
SIZE.

No. 2618P

Distance from edge of door to center of Keyhole and Thumb-Piece, 2¼ inches.
Thickness of Case, ¾ inch.

STANDARD COMBINED STORE DOOR LOCK AND LATCH,
(WITH HANDLES.)

STANDARD

COMBINED STORE DOOR

LOCK AND LATCH,

No. 2616.

WITH HANDLES.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on doors of Stores and Public Buildings.

Adjustable, as packed, to doors from 1½ to 3 inches thick. **Finish,** see below.

Operated by key and latch from **both sides of the door.**

Right and **Left.** **Straight front** locks are adjustable to right and left hand doors.

Right or **Left.** **Rabbeted front** locks are right or left, according to order, but are **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 (Class No. 36) keys, strike, handles and screws, complete.

For locks with Double-Acting Latch Bolts, and with **Plates and Handles,** as specified below, see page 268.

For Yale locks, with Handles, see pages 124 to 133.

Heavy Bronze Bolts. **Case,** 5 inches by 3 inches.

No.	Front of Lock.	Plates and Handles.	Complete, with Double Handles, Per Set.
2616	Plain Bronze.	Ornamental Bronze.	

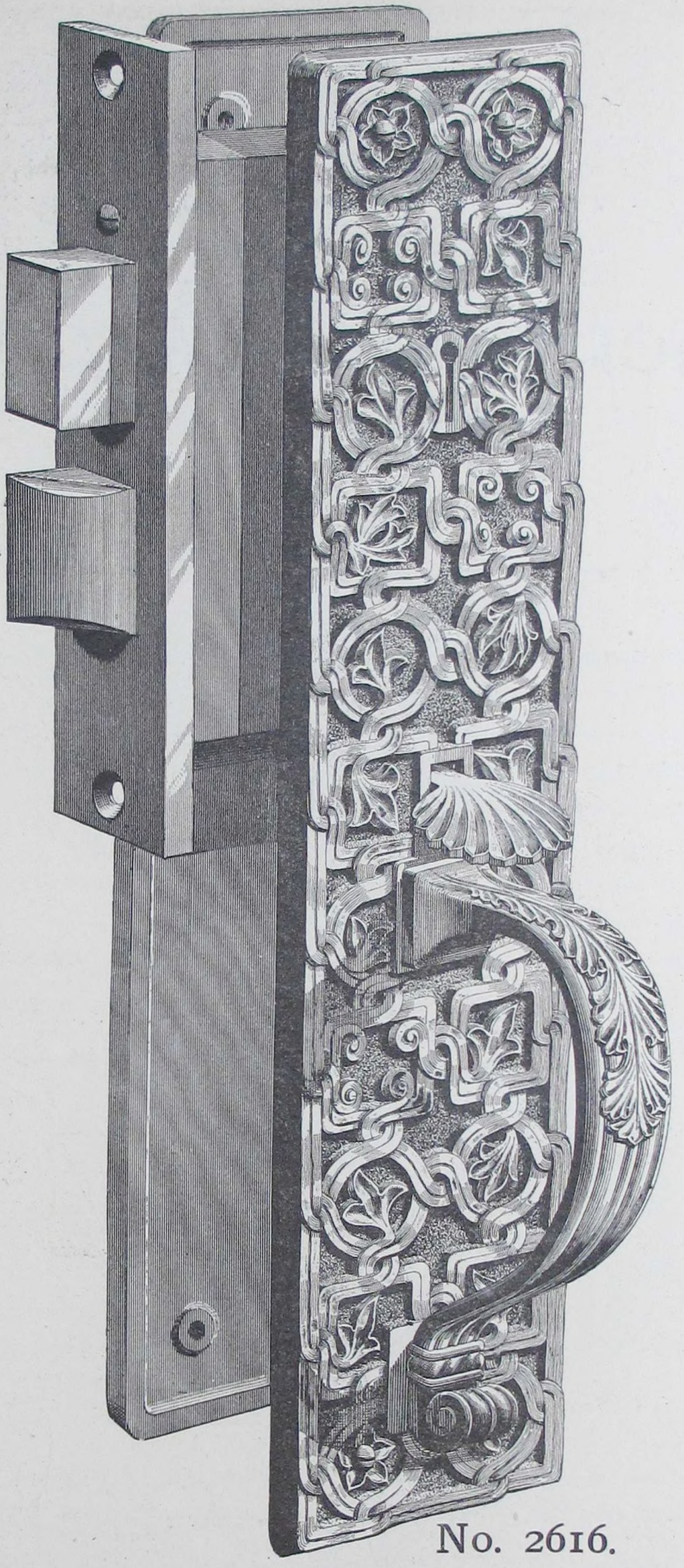
Made also Rabbeted, see Price List.

DIRECTIONS FOR ORDERING.

Finish, see pages 14 and 308. Plates, handles and lock fronts will be furnished in Natural Color, Light Bronze, unless otherwise ordered. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

Rabbeted. For number of a **rabbeted** lock with handles, add 20 to number of corresponding **straight front** lock.

Hand. For **rabbeted** locks state whether they are intended for **right hand** or **left hand** doors. See page 16.



2/3
ACTUAL
SIZE.

No. 2616.

Distance from edge of door to center of Key-holes and Thumb-pieces, 2¼ inches.
Thickness of Case, ¾ inch.

STANDARD COMBINED STORE DOOR LOCK AND LATCH,
(WITH HANDLES.)

STANDARD

COMBINED STORE DOOR

LOCKS AND LATCHES,

Nos. 2714P and 2714L.

WITH HANDLES.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on doors of Stores and Public Buildings.

Adjustable, as packed, to doors from 1½ to 3 inches thick. **Finish,** see below.

Operated by key and latch from **both sides of the door.**

Right and Left. **Straight front** locks are adjustable to right and left hand doors.

Right or Left. **Rabbeted front** locks are right or left, according to order, but are **not adjustable** to right and left hand doors. See page 16.

Packed, each lock in a paper box, with 3 (Class No. 80) keys, strike, handles and screws, complete.

For Yale locks with Handles, see pages 124 to 133.

Heavy Bronze Bolts. **Case,** 5½ inches by 3¾ inches.

No.	Front of Lock.	Plates and Handles.	Complete, with Double Handles, Per Set.
2714P	Plain Bronze.	*Plain Bronze.	
2714L	Plain Bronze.	Plain Bronze. Lined.	

Made also Rabbeted, see Price List.

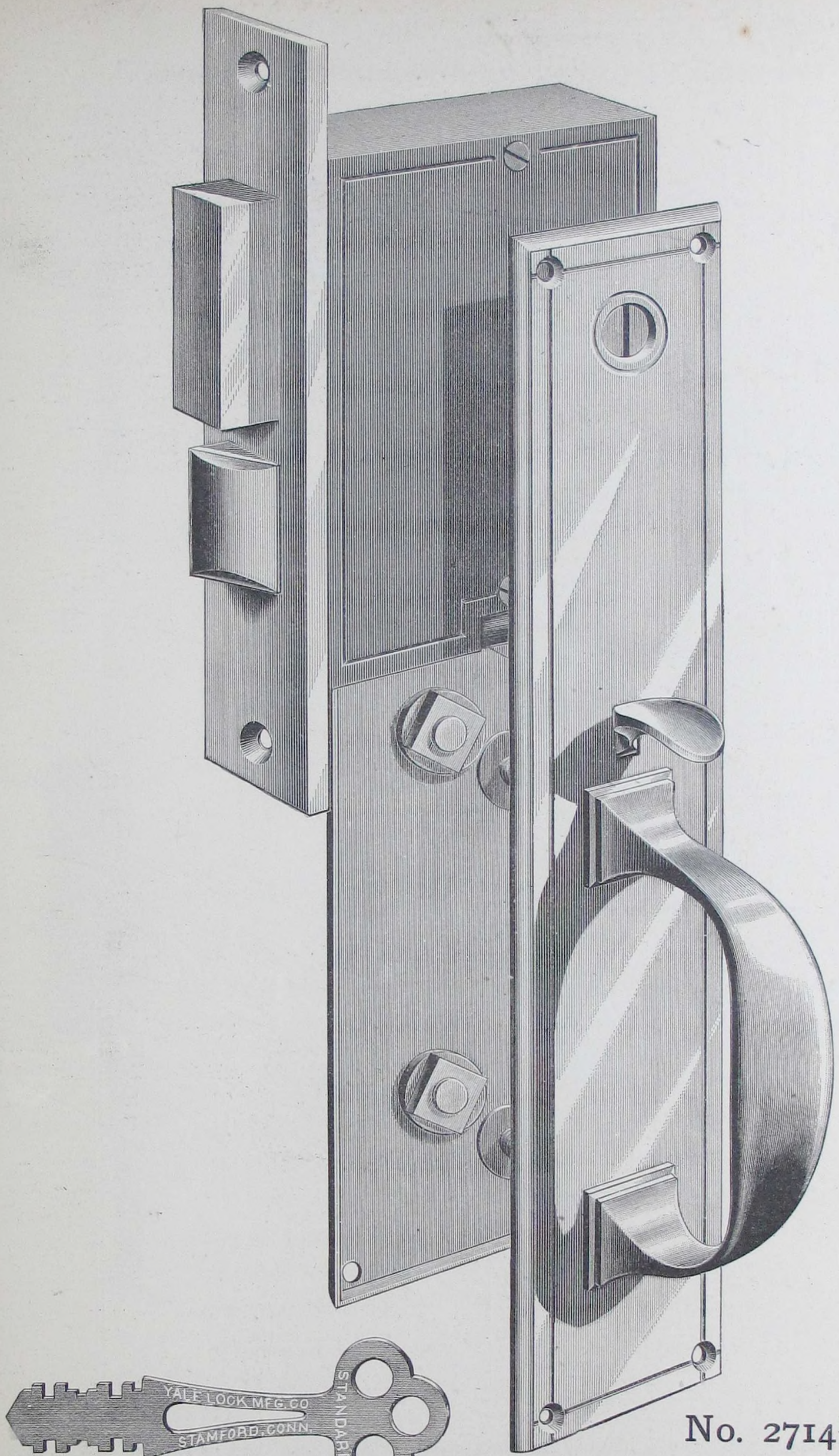
*No. 2714P is the same design as No. 2714L, differing only in omission of the lines on the plates.

DIRECTIONS FOR ORDERING.

Finish, see pages 14 and 308. Plates, handles and lock fronts will be furnished in Natural Color, Light Bronze, unless otherwise ordered. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

Rabbeted. For number of a **rabbeted** lock with handles, add 20 to number of corresponding **straight front** lock.

Hand. For **rabbeted** locks state whether they are intended for **right hand** or **left hand** doors. See page 16.



$\frac{2}{3}$
ACTUAL
SIZE.

FULL SIZE OF KEY.

No. 2714^{L}.

Distance from edge of door to center of Key-hole and Thumb-piece, 2¼ inches.
Thickness of Case, ⅞ inch.

STANDARD COMBINED STORE DOOR LOCKS AND LATCHES,
(WITH HANDLES.)

STANDARD

DOUBLE-ACTING

COMBINED STORE DOOR

LOCKS AND LATCHES,

Nos. $2614\frac{1}{2}^{P}$ to $2628\frac{1}{2}$.

WITH HANDLES.

WITH PATENT NICKEL-PLATED STEEL KEYS.

For Use on swinging doors of Stores and Public Buildings.

Adjustable, as packed, to doors from 1½ to 3 inches thick. **Finish,** see below.

Operated by key and latch from **both sides of the door.**

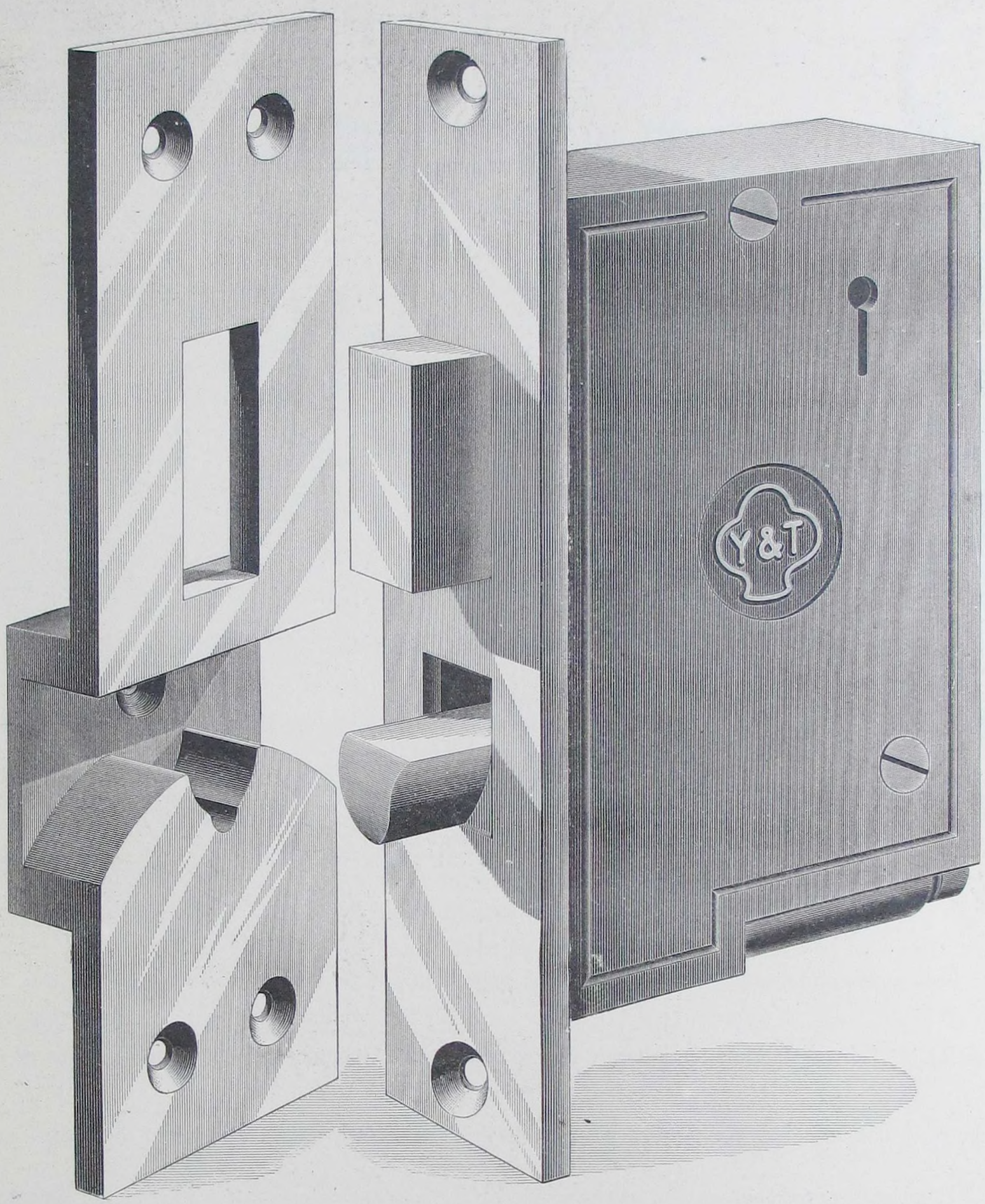
Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed, each lock in a paper box, with 3 (Class No. 36) keys, strike, handles and screws, complete.

Heavy Bronze Bolts. **Case,** 5 inches by 3 inches.

No.	Front of Lock.	Plates and Handles. (Same Design and Style as)	Complete, with Double Handles, Per Set.
$2614\frac{1}{2}^{P}$	Plain Bronze.	No. 2614^{P}, page 260.	
$2614\frac{1}{2}^{L}$	Plain Bronze.	No. 2614^{L}, page 261.	
$2616\frac{1}{2}$	Plain Bronze.	No. 2616, page 265.	
$2618\frac{1}{2}^{P}$	Plain Bronze.	No. 2618 , page 263.	
$2626\frac{1}{2}^{P}$	Plain Bronze.	No. 2626^{P}, page 260.	
$2626\frac{1}{2}^{S}$	Plain Bronze.	No. 2626 , page 261.	
$2628\frac{1}{2}$	Plain Bronze.	No. 2628, page 261.	

Finish, see pages 14 and 308. Plates, handles and lock fronts will be furnished in Natural Color, Light Bronze, unless otherwise ordered. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.



Distance from edge of door to center of Key-holes, 2¼ inches.
Thickness of Case, ¾ inch.

STANDARD DOUBLE-ACTING
COMBINED STORE DOOR LOCKS AND LATCHES.
(WITH HANDLES.)

STANDARD CABINET LOCKS.

The general character of the **STANDARD LOCKS** is indicated by the description on page 182. As arranged for use on furniture and other cabinet work they have the same qualities of **good design, material and workmanship,** with a security ample for many ordinary uses. Where the best protection is desired the **Yale Cabinet locks,** see pages 134 to 157, should be always used.

The back-plates and boxes, tumblers and tube, are all of wrought brass, the exposed surfaces being finely finished. The keys are of steel, **double-bitted,** and may be inserted **either side up**—a point of great convenience. The tumblers are **double-acting,** thus largely increasing the security of the locks against picking. The capacity for permutation, or change of keys, while not comparable to that of the **Yale locks,** is superior to that of common locks and is correctly and honestly stated in each case.

The locks are particularly convenient for fitting-on, and when fitted present a very neat appearance. In all cases the **key-hole is central in the lock.**

STANDARD

ROUND RIM OR FLUSH

CABINET LOCKS.

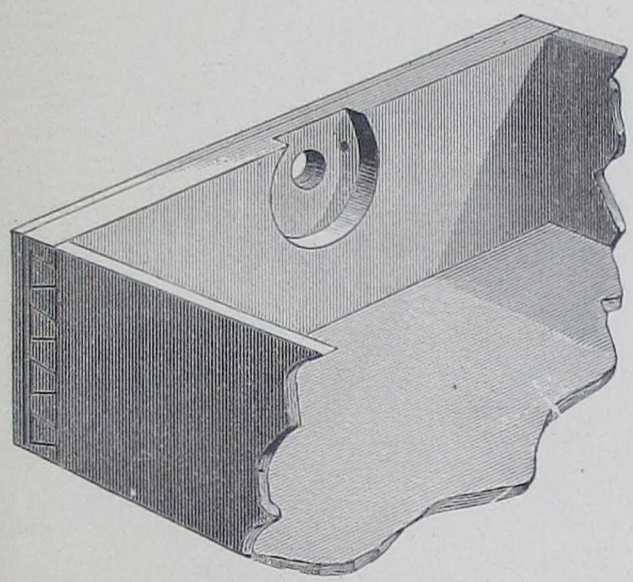


FIG. 1.
Drawer Mortised ready for Lock.

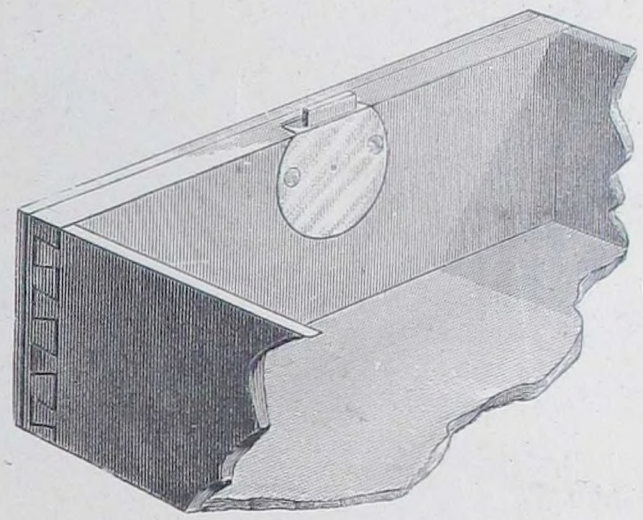


FIG. 2.
Used as a FLUSH Drawer Lock.

This novel form of Cabinet lock (for prices of which see pages 272 and 273) possesses numerous points of convenience, and is for many purposes better than the old style square-cased locks. On new work it is **cheaper to put on** than any other lock.

It can be used either
- As a **Rim or a Flush lock.**
- As a **Right or Left Hand Cupboard lock.**
- For **Wooden or Metal Doors, Boxes, &c.**

It is novel and very handsome in appearance and finish.

Its form gives unusual strength, and its tumblers and keys have the good qualities mentioned on preceding page.

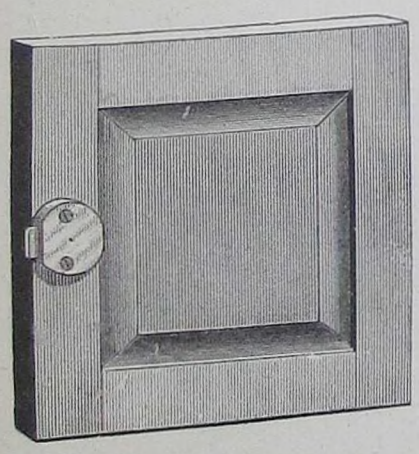


FIG. 3.
Used as a RIM Cupboard Lock.

The illustrations above show the usual application of the lock. A 2-inch counterbore is made from the inside, a ½-inch hole for the tube is bored through, and all is ready to attach the lock. Thus used it is a "flush" lock.

A BORING TOOL for use either by hand or power, will be furnished (price, $) to manufacturers or others using these locks in quantity, by means of which the mortise in the wood can be finished in one operation with great quickness and economy.

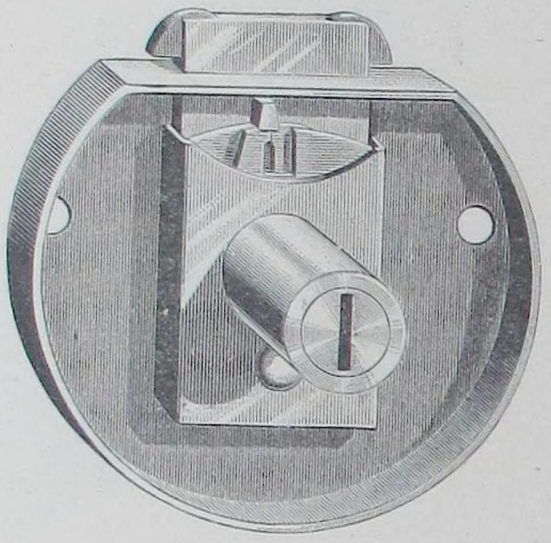
STANDARD

RIM FLUSH

DESK LOCKS,

Nos. 900 to 1905.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



For Use on Desks and Boxes of all kinds.

Length of Nose is measured from **front** of lock to face of nose.

Packed, 1 dozen in a paper box, with link-plate and 2 keys for each lock. (Class No. 51 keys for locks with ½ inch and ¾ inch noses, and Class No. 55 for locks with ⅞ inch nose.)

Material, All Brass. **Drop,** ¾ inch. **Size,** 2 inches in diameter.

WITH TWO TUMBLERS. 12 Changes.					WITH FOUR TUMBLERS. 244 Changes.				
No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
900	½ inch	Finished Brass	Plated.		1900	½ inch	Finished Brass	Plated.	
902	¾ inch				1902	¾ inch			
904	⅞ inch				1904	⅞ inch			
901	½ inch	Finished Brass	Brass.		1901	½ inch	Finished Brass	Brass.	
903	¾ inch				1903	¾ inch			
905	⅞ inch				1905	⅞ inch			

Locks for other lengths of nose can be made to order.

Nos. 900 and 901 when used as flush desk locks are adapted to ¾ inch wood; Nos. 902 and 903 to 1 inch wood; Nos. 904 and 905 to 1⅛ inch wood; Nos. 1900 and 1901 to ⅞ inch wood; Nos. 1902 and 1903 to 1⅛ inch wood, and Nos. 1904 and 1905 to 1¼ inch wood.

A Boring Tool for use either by hand or power, will be furnished (price $) to manufacturers or others using these locks in quantity, by means of which the mortise in the wood can be finished in one operation with great quickness and economy.

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be furnished with each lock.

For Square Desk locks, see page 274.

For Nose Plates, see Bronze Goods Section.

For Keys, see Key Section.

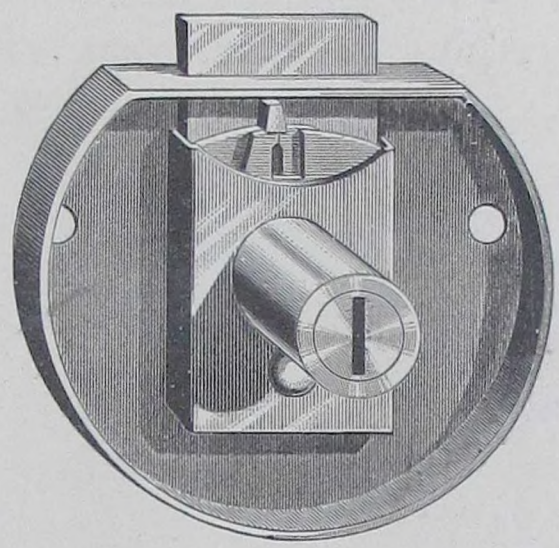
STANDARD

RIM FLUSH

DRAWER LOCKS,

Nos. 920 to 1925.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



For Use on Drawers and Cupboards of all kinds.

Length of Nose is measured from **front** of lock to face of nose.

Packed, 1 dozen in a paper box, with 2 keys for each lock. (Class No. 51 keys for locks with ½ inch and ¾ inch noses, and Class No. 55 for locks with ⅞ inch nose.)

Material, All Brass. **Drop,** ¾ inch. **Size,** 2 inch in diameter.

WITH TWO TUMBLERS. 12 Changes.					WITH FOUR TUMBLERS. 244 Changes.				
No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose	Per Dozen.
920	½ inch	Finished Brass	Plated.		1920	½ inch	Finished Brass	Plated.	
922	¾ inch				1922	¾ inch			
924	⅞ inch				1924	⅞ inch			
921	½ inch	Finished Brass	Brass.		1921	½ inch	Finished Brass	Brass.	
923	¾ inch				1923	¾ inch			
925	⅞ inch				1925	⅞ inch			

Locks for other lengths of nose can be made to order.

Nos. 920 and 921 when used on flush drawer locks are adapted to ¾ inch wood; Nos. 922 and 923 to 1 inch wood; Nos. 924 and 925 to 1⅛ inch wood; Nos. 1920 and 1921 to ⅞ inch wood; Nos. 1922 and 1924 to 1⅛ inch wood; and Nos. 1924 and 1925 to 1¼ inch wood.

A Boring Tool for use either by hand or power, will be furnished (price $) to manufacturers or others using these locks in quantity, by means of which the mortise in the wood can be finished in one operation with great quickness and economy.

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be furnished with each lock.

For Square Drawer locks, see pages 276 to 282.

For Nose Plates, see Bronze Goods Section. **For Keys,** see Key Section.

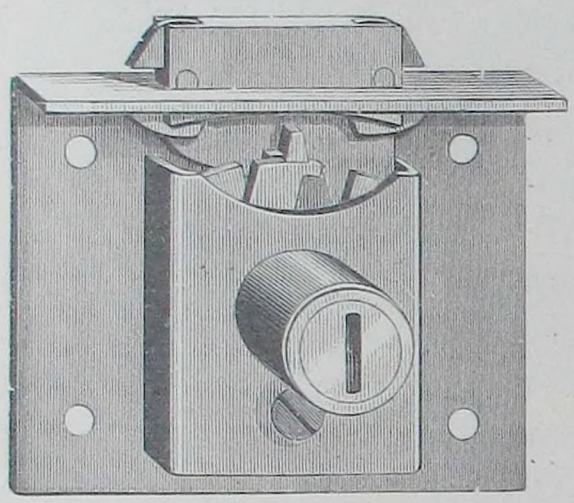
STANDARD

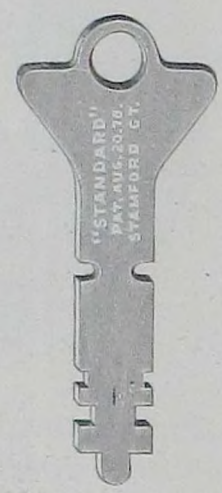
FINISHED BRASS

DESK LOCKS,

Nos. 940 to 1945.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.





For Use on Desks of all kinds.

Length of Nose is measured from **back** of lock to face of nose.

Packed, 1 dozen in a paper box, with brass striking plate and 2 keys for each lock. (Class No. 50 keys for locks with ½ inch nose, and Class No. 51 for locks with ¾ inch and ⅞ inch noses.

Material, **All Brass.** Drop, ⅞ inch. Size, 1⅝ inches by 2 inches.

WITH TWO TUMBLERS. 12 Changes.					WITH FOUR TUMBLERS. 244 Changes.				
No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
940	½ inch	Finished Brass	Plated.		1940	½ inch	Finished Brass	Plated.	
942	¾ inch				1942	¾ inch			
944	⅞ inch				1944	⅞ inch			
941	½ inch	Finished Brass	Brass.		1941	½ inch	Finished Brass	Brass.	
943	¾ inch				1943	¾ inch			
945	⅞ inch				1945	⅞ inch			

Locks for other lengths of nose can be made to order.

Furrings for attaching these locks to iron or thin wooden doors, extra per dozen, Brass, . . . Japanned Iron, . . .

Sets. Furnished in sets, with keys alike, when so ordered, in which case only **one** key will be packed with each lock.

For Round Desk Locks, see page 272.

For Nose Plates, see Bronze Goods Section.

For Keys, see Key Section.

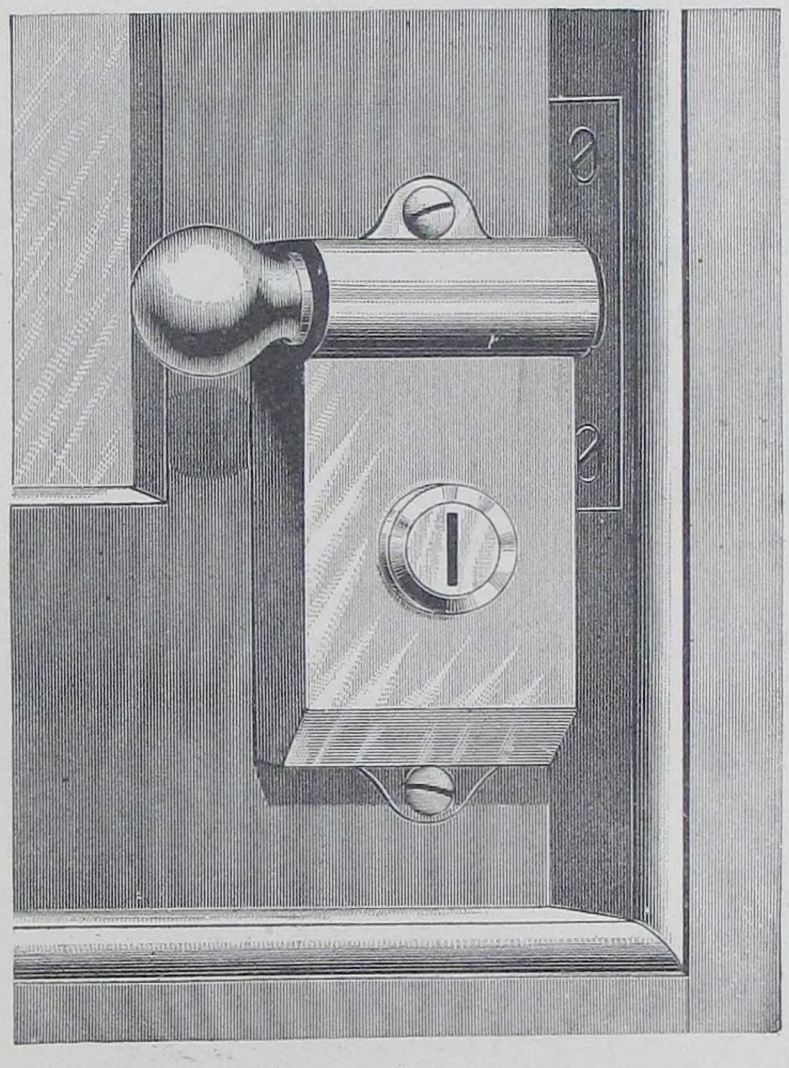
STANDARD

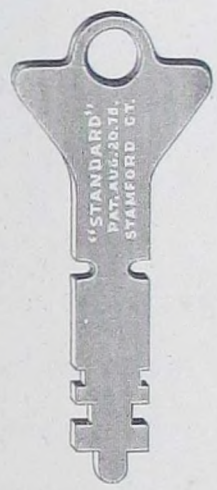
RIM

SPRING SASH LOCK,

No. 912.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.





For Use on sashes of windows when closed or when partially opened for ventilation, securing them so that they cannot be raised from either side. Also for use on window screens.
Operated. The bolt is operated by a spring only, and may be also dead locked by key, if so desired.
Packed, 1 dozen in a paper box, complete, with screws, 2 keys, (Class No. 50), and 2 strikes for each lock.
Material, Bronze Case and Strikes. **Size,** 2½ inches by 1 inch.

WITH TWO TUMBLERS. **12 Changes.**

No.	Case.	Per Dozen.
912	Plain Bronze.	

Furnished also in Brass, if so ordered, at same price. **For Keys,** see Key Section.
For other Sash Fasteners, see Nos. 910, etc., page 198, and Bronze Goods Section.

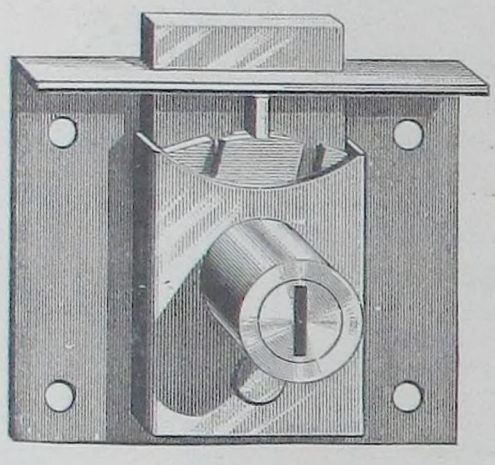
STANDARD

FINISHED BRASS

DRAWER LOCKS,

Nos. 950 to 953.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



For Use on Drawers of all kinds.

Length of Nose is measured from back of lock to face of nose.

Packed, 1 dozen in a paper box, with 2 keys for each lock. (Class No. 50 keys for locks with ½ inch nose, and Class No. 51 for locks with ¾ inch nose.)

Material, All Brass. Drop, ¾ inch. Size, 1½ inches by 1¾ inches.

WITH TWO TUMBLERS. 12 Changes.

No.	Length of Nose.	Case.	Nose.	Per Dozen.
950	½ inch.	Finished Brass.	Plated.	
952	¾ inch.			
951	½ inch.	Finished Brass.	Brass.	
953	¾ inch.			

Locks for other lengths of nose can be made to order.

Sets. Furnished in sets, with keys alike, when so ordered, in which case one key only will be packed with each lock.

For other sizes of Drawer locks, see pages 277 to 282.

For Round Drawer locks, see page 273.

For Nose Plates, see Bronze Goods Section.

For Keys, see Key Section.

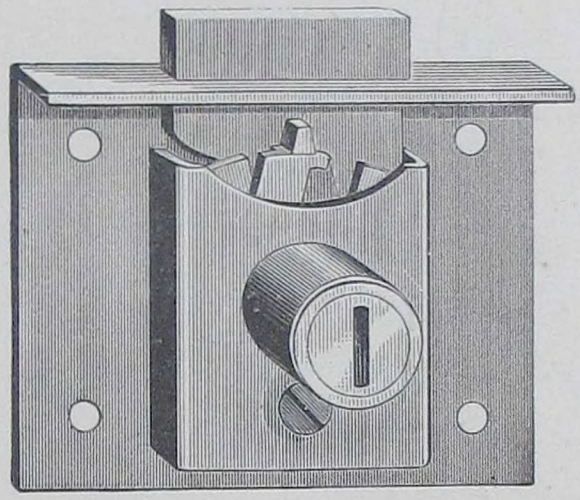
STANDARD

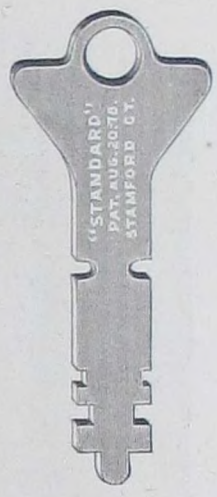
FINISHED BRASS

DRAWER LOCKS,

Nos. 960 to 1965.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.





For Use on Drawers of all kinds.

Length of Nose is measured from **back** of lock to face of nose.

Packed, 1 dozen in a paper box, with 2 keys for each lock. (Class No. 50 keys for locks with ½ inch nose, and Class No. 51 for locks with ¾ inch and ⅞ inch noses.)

Material, All Brass. **Drop,** ⅞ inch. **Size,** 1⅝ inches by 2 inches.

WITH TWO TUMBLERS. 12 Changes.					WITH FOUR TUMBLERS. 244 Changes.				
No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
960	½ inch	Finished Brass	Plated.		1960	½ inch	Finished Brass	Plated.	
962	¾ inch				1962	¾ inch			
964	⅞ inch				1964	⅞ inch			
961	½ inch	Finished Brass	Brass.		1961	½ inch	Finished Brass	Brass.	
963	¾ inch				1963	¾ inch			
965	⅞ inch				1965	⅞ inch			

Locks with other lengths of nose can be made to order.

Furrings for attaching these locks to iron or thin wood, extra per dozen, Brass, ... Japanned Iron, ...

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be furnished with each lock.

For other sizes of Drawer locks, see pages 276 and 278 to 282. **For Round Drawer locks,** see page 273.

For Nose Plates, see Bronze Goods Section. **For Keys,** see Key Section.

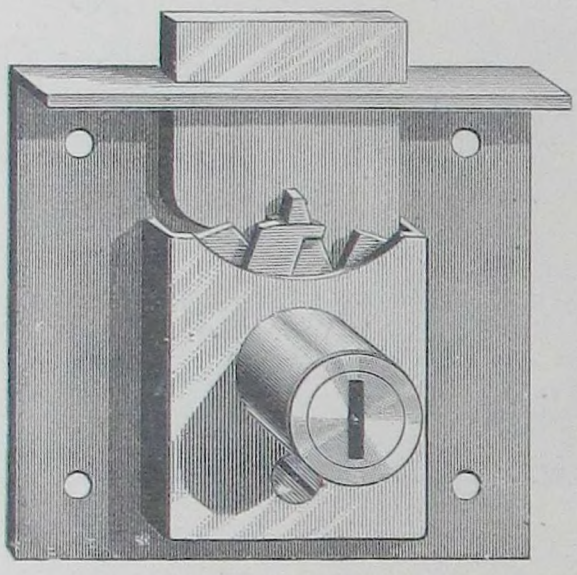
STANDARD

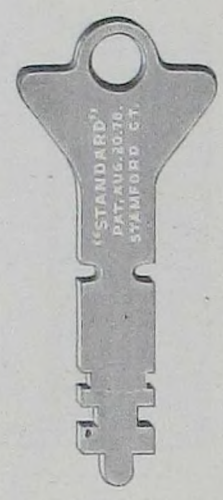
FINISHED BRASS

DRAWER LOCKS,

Nos. 970 to 1975.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.





For Use on Drawers of all kinds.

Length of Nose is measured from back of lock to face of nose.

Packed, 1 dozen in a paper box, with 2 keys for each lock. (Class No. 50 keys for locks with ½ inch nose, and Class No. 51 for locks with ¾ inch and ⅞ inch noses.)

Material, All Brass. Drop, 1¼ inch. Size, 2 inches by 2 inches.

WITH TWO TUMBLERS. 12 Changes.					WITH FOUR TUMBLERS. 244 Changes.				
No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose.	Case.	Nose.	Per Dozen.
970	½ inch	Finished Brass	Plated.		1970	½ inch	Finished Brass	Plated.	
972	¾ inch				1972	¾ inch			
974	⅞ inch				1974	⅞ inch			
971	½ inch	Finished Brass	Brass.		1971	½ inch	Finished Brass	Brass.	
973	¾ inch				1973	¾ inch			
975	⅞ inch				1975	⅞ inch			

Locks for other lengths of nose can be made to order.

Sets. Furnished in sets, with keys alike, when so ordered, in which case one key only will be packed with each lock.

For other sizes of Drawer locks, see pages 276, 277, and 279 to 282.

For Round Drawer locks, see page 273.

For Nose Plates, see Bronze Goods Section.

For Keys, see Key Section.

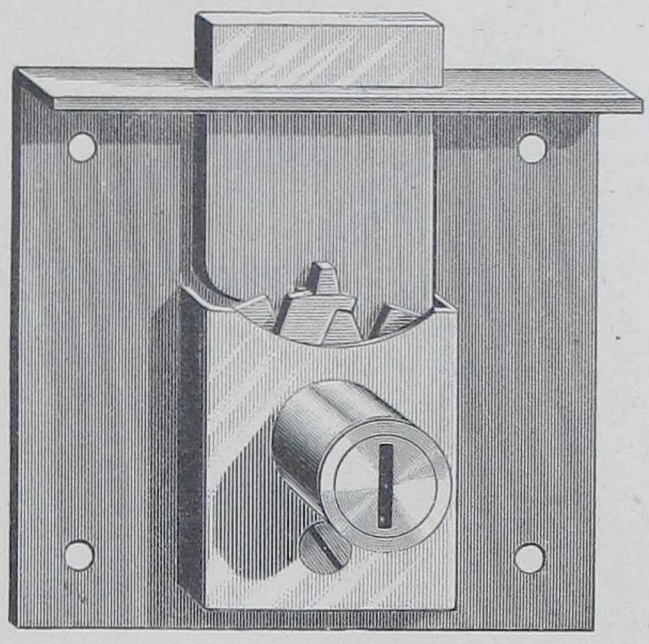
STANDARD

FINISHED BRASS

DRAWER LOCKS,

Nos. 980 to 1985.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



For Use on Drawers of all kinds.

Length of Nose is measured from **back** of lock to face of nose.

Packed, 1 dozen in a paper box, with 2 keys for each lock. (Class No. 50 keys for locks with ½ inch nose, and Class No. 51 for locks with ¾ inch and ⅞ inch noses.)

Material, All Brass. **Drop,** 1½ inches. **Size,** 2¼ inches by 2¼ inches.

WITH TWO TUMBLERS. 12 Changes.					WITH FOUR TUMBLERS. 244 Changes.				
No.	Length of Nose.	Case.	Nose.	Per Dozen.	No.	Length of Nose	Case.	Nose.	Per Dozen.
980	½ inch	Finished Brass	Plated.		1980	½ inch	Finished Brass	Plated.	
982	¾ inch				1982	¾ inch			
984	⅞ inch				1984	⅞ inch			
981	½ inch	Finished Brass	Brass.		1981	½ inch	Finished Brass	Brass.	
983	¾ inch				1983	¾ inch			
985	⅞ inch				1985	⅞ inch			

Locks for other lengths of nose can be made to order.

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be packed with each lock.

For other sizes of Drawer locks, see pages 276 to 278, and 280 to 282.

For Round Drawer locks, see page 273.

For Nose Plates, see Bronze Goods Section.

For Keys, see Key Section.

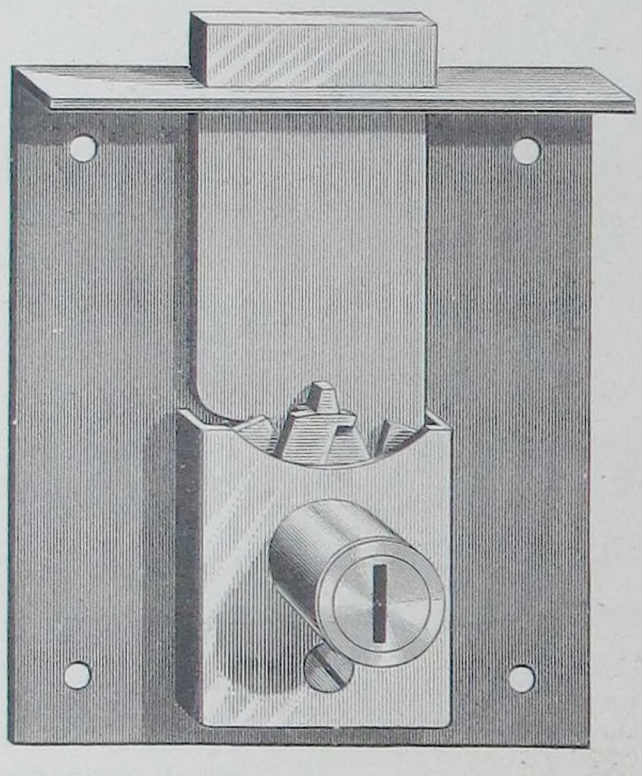
STANDARD

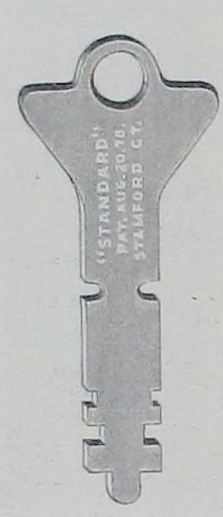
FINISHED BRASS

DRAWER LOCKS,

Nos. 990 to 995.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.





For Use on Drawers of all kinds.

Length of Nose is measured from **back** of lock to face of nose.

Packed, one dozen in a paper box, with 2 keys for each lock. (Class No. 50 keys for locks with ½ inch nose, and Class No. 51 for locks with ¾ inch and ⅞ inch noses.)

Material, All Brass. **Drop,** 2 inches. **Size,** 2¾ inches by 2¼ inches.

WITH TWO TUMBLERS. **12 Changes.**

No.	Length of Nose.	Case.	Nose.	Per Dozen.
990	½ inch.	Finished Brass.	Plated.	
992	¾ inch.			
994	⅞ inch.			
991	½ inch.	Finished Brass.	Brass.	
993	¾ inch.			
995	⅞ inch.			

Locks with other lengths of nose can be made to order.

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be packed with each lock.

For other sizes of Drawer locks, see pages 276 to 279, 281 and 282.

For Round Drawer locks, see page 273.

For Nose Plates, see Bronze Goods Section.

For Keys, see Key Section.

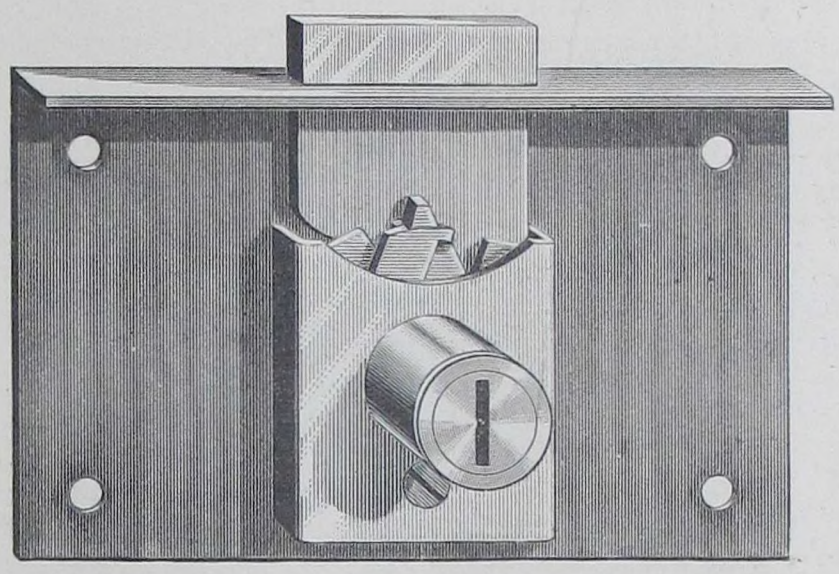
STANDARD

FINISHED BRASS

DRAWER LOCKS,

Nos. 9270 to 9275.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



For Use on Drawers of all kinds.

Length of Nose is measured from **back** of lock to face of nose.

Packed, 1 dozen in a paper box, with 2 keys for each lock. (Class No. 50 keys for locks with ½ inch nose, and Class No. 51 for locks with ¾ inch and ⅞ inch noses.)

Material, All Brass. **Drop,** 1¼ inches. **Size,** 2 inches by 3 inches.

WITH TWO TUMBLERS. **12 Changes.**

No.	Length of Nose.	Case.	Nose.	Per Dozen.
9270	½ inch.	Finished Brass.	Plated.	
9272	¾ inch.			
9274	⅞ inch.			
9271	½ inch.	Finished Brass.	Brass.	
9273	¾ inch.			
9275	⅞ inch.			

Locks with other lengths of nose can be made to order.

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be packed with each lock.

For other sizes of Drawer locks, see pages 276 to 280, and 282.

For Round Drawer locks, see page 273.

For Nose Plates, see Bronze Goods Section. **For Keys,** see Key Section.

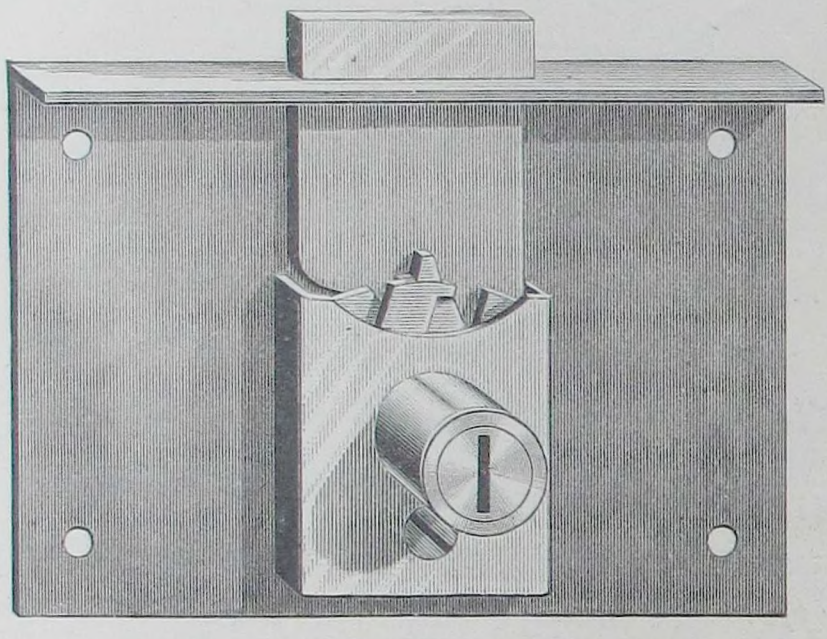
STANDARD

FINISHED BRASS

DRAWER LOCKS,

Nos. 9280 to 9285.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



For Use on Drawers of all kinds.
Length of Nose is measured from **back** of lock to face of nose.
Packed, one dozen in a paper box, with 2 keys for each lock. (Class No. 50 keys for locks with ½ inch nose, and Class No. 51 for locks with ¾ inch and ⅞ inch noses.)
Material, All Brass. **Drop,** 1½ inches. **Size,** 2¼ inches by 3 inches.

WITH TWO TUMBLERS. **12 Changes.**

No.	Length of Nose.	Case.	Nose.	Per Dozen.
9280	½ inch.	Finished Brass.	Plated.	
9282	¾ inch.			
9284	⅞ inch.			
9281	½ inch.	Finished Brass.	Brass.	
9283	¾ inch.			
9285	⅞ inch.			

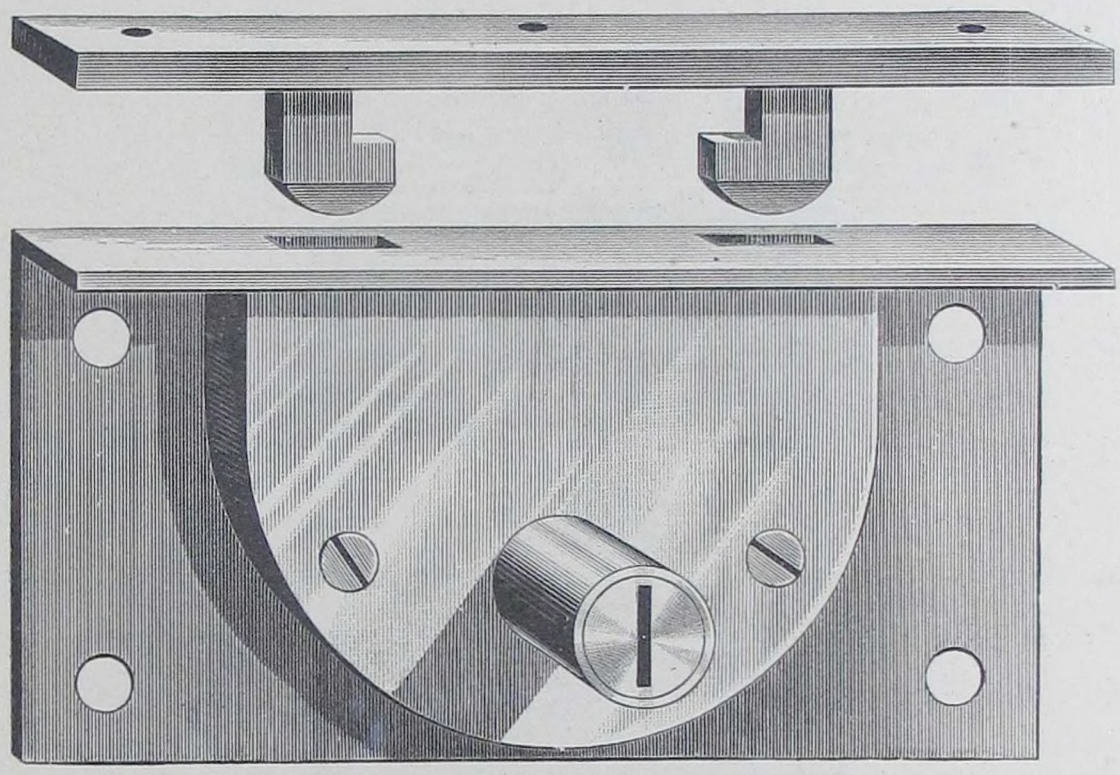
Locks for other lengths of nose can be made to order.
Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be packed with each lock.
For other sizes of Drawer locks, see pages 276 to 278, and 280 to 281.
For Round Drawer locks, see page 273.
For Nose Plates, see Bronze Goods Section. **For Keys,** see Key Section.

STANDARD

CHEST LOCKS,

Nos. 9220 to 9225.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



For Use on Carpenters', Machinists', Carpet, Blanket, Clothes and Silver Plate Chests.

Length of Nose is measured from **back** of lock to face of nose.

Packed, ½ dozen in a paper box, with 2 keys, (Class No. 53), for each lock.

Material, All Brass. **Drop,** 1¼ inches. **Size,** 2 inches by 4 inches.

WITH FOUR TUMBLERS. **244 Changes**

No.	Length of Nose.	Case.	Nose,	Per Dozen.
9220	1¼ inch.	Finished Brass.	Plated.	
9222	1½ inch.			
9224	1¾ inch.			
9221	1¼ inch.	Finished Brass.	Brass.	
9223	1½ inch.			
9225	1¾ inch.			

Locks for other lengths of nose can be made to order.

For Nose Plates, see Bronze Goods Section. **For Keys,** see Key Section.

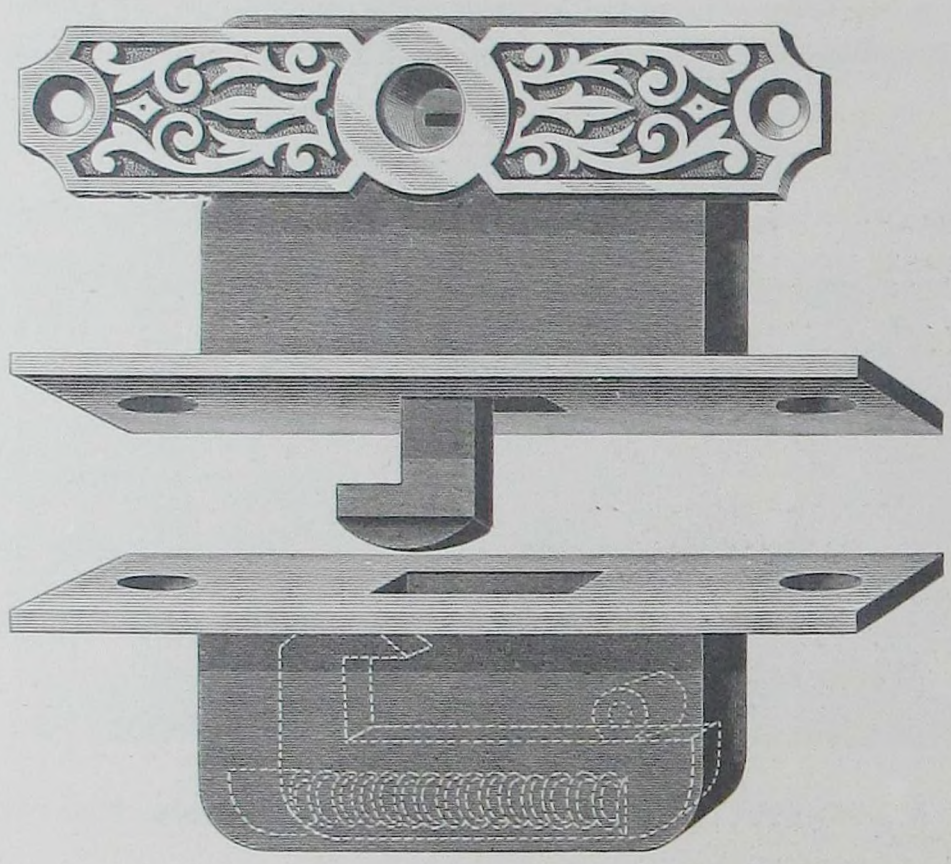
STANDARD

MORTISE

ROLLING DESK LOCKS,

Nos. 1998 and 1999.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



Distance from face of lock to center of Key-hole, 1 inch. Thickness of Case, ½ inch.

For Use on Rolling Desks or other Office Desks of similar arrangement.

Packed, ½ dozen in a paper box, with strikes, escutcheons, screws, and 2 keys (Class No. 53 short or No. 79) for each lock.

Three Tumblers. **48 Changes.** **Size,** 1½ inches by 2 inches.

No.	Case.	Front, Strike and Escutcheon.	Per Dozen.
1998	Bronze.	Nickel-Plated.	
1999	Bronze.	Bronze.	

Escutcheon. Either Plain Bronze or Ornamental, as may be specified. With orders for 200 or more locks we will furnish a cast bronze escutcheon with the name and address of maker of desk in raised letters, in place of scroll work shown in above cut.

For other Desk locks, see pages 272 and 274. **For Keys,** see Key Section.

STANDARD

CAST BRONZE OR GUN METAL AND STEEL

PADLOCKS.

In design, construction and finish these are undoubtedly **the best line of Padlocks** ever made, and the rapidity with which they have advanced to the leading position in the market is the best evidence of their popularity.

Their most prominent points of novelty and excellence are :

1. **SOLIDITY,** the mechanism being contained in a "filling block," which is inserted into the exterior case from the bottom, so that when riveted together the lock is an almost solid block of bronze, instead of a thin, empty shell, as in common locks.

2. **SECURITY,** as against **violence,** the greatest a padlock admits of, particularly when provided with **STEEL SHACKLES,** and with **STEEL CASES AND SHACKLES,** as described on page 291 ; and as against **picking,** the best possible with a first-class tumbler lock, having **tumblers** deeply located within the lock case in the most inaccessible part, and controlled by a flat steel key.

3. **DURABILITY,** by reason of a solidity which protects the mechanism under almost any abuse or violence, and of the mode of protection against dirt and moisture by which these are both excluded from the interior of the lock.

4. **CONVENIENCE** in use, the locks having

(1.) A spring shackle, **self-locking** when closed by pressure, and **self-opening** when the key is turned.

(2.) A double-bitted key, which may be inserted in **either position** and which unlocks by a **half-revolution.**

(3.) An **automatic stopper,** for excluding dirt from the shackle-hole, and a key-hole located at the **bottom** of the lock, where it is most easily found when holding the lock in the hand, and where it is perfectly protected from wet and dirt.

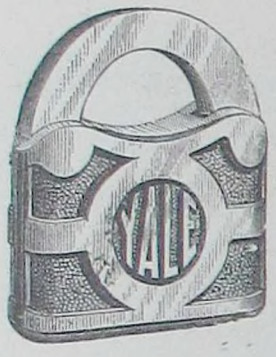
5. **APPEARANCE,** which is not only entirely **novel** and **distinctive,** but which is more ornamental in design and more handsome in finish than any of the old-fashioned forms. The shape is determined by the internal construction, and hence is thoroughly **mechanical.**

The internal mechanism of both the bronze and steel padlocks is entirely of brass or bronze. While the first cost is thus increased, the durability is so much greater than when iron is used for the mechanism that the "Yale" Padlocks are in the end the cheapest.

CAST BRONZE OR GUN METAL

SPRING PADLOCKS,

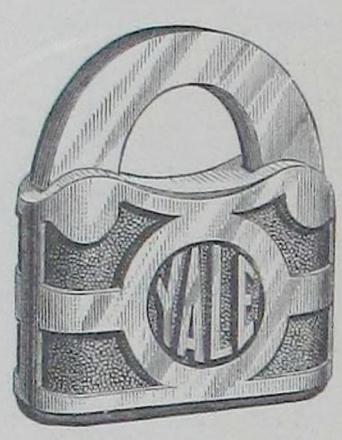
WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



No. 813.

(For description, see page 285.)

No. 76 Key.



No. 823.

(For description, see page 285.)

Nos. 813, 8113 and 814. Three Brass Tumblers. 54 Changes. Size, 1 inch.

Nos. 823, 8123 and 824. Three Brass Tumblers. 54 Changes. Size, 1¼ inches.

Packed, ½ dozen in a paper box, with 2 keys, (Class No. 76), for each lock.

No.	Case.	Shackles.	Per Dozen.
WITH BRONZE SHACKLES.			
813	Finished Bronze.	Finished Bronze.	
823	Finished Bronze.	Finished Bronze.	
8113	Nickle-Plated.	Nickel-Plated.	
8123	Nickel-Plated.	Nickel-Plated.	
WITH STEEL SHACKLES.			
814	Finished Bronze.	Steel.	
824	Finished Bronze.	Steel.	

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be packed with each lock.

For other sizes of Padlocks, see pages 287 to 290.

For All Steel Padlocks, see page 291.

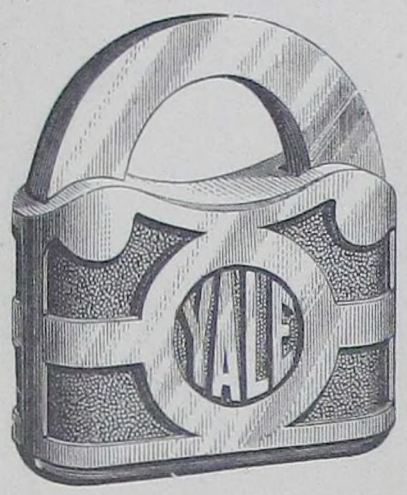
For Padlocks, with Chain, see pages 292 and 293.

For Keys, see Key Section.

CAST BRONZE OR GUN METAL

SPRING PADLOCKS,

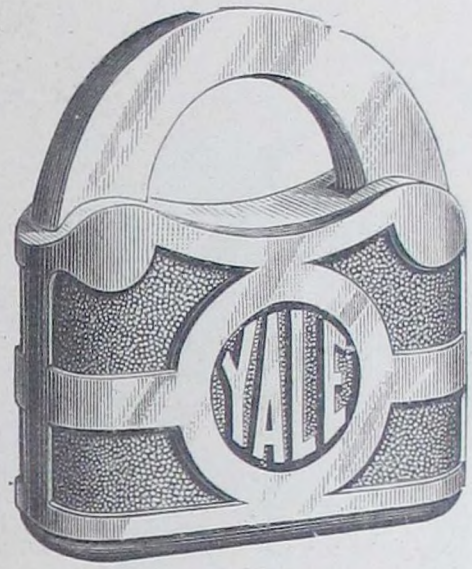
WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



No. 833.

(For description, see page 285.)

No. 77 Key.



No. 843.

(For description, see page 285.)

Nos. 833, 8133 and 834. Three Tumblers. 54 Changes. Size, 1½ inches.

Nos. 843, 8143 and 844. Four Tumblers. 82 Changes. Size, 1¾ inches.

Packed, ½ dozen in a paper box, with 2 keys, (Class No. 77), for each lock.

WITH BRONZE SHACKLES.

No	Case.	Shackles.	Per Dozen.
833	Finished Bronze.	Finished Bronze.	
843	Finished Bronze.	Finished Bronze.	
8133	Nickel-Plated.	Nickel-Plated.	
8143	Nickel-Plated.	Nickel-Plated.	

WITH STEEL SHACKLES.

834	Finished Bronze.	Steel.	
844	Finished Bronze.	Steel.	

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be packed with each lock.

For other sizes of Padlocks, see pages 286 and 288 to 290.

For All Steel Padlocks, see page 291.

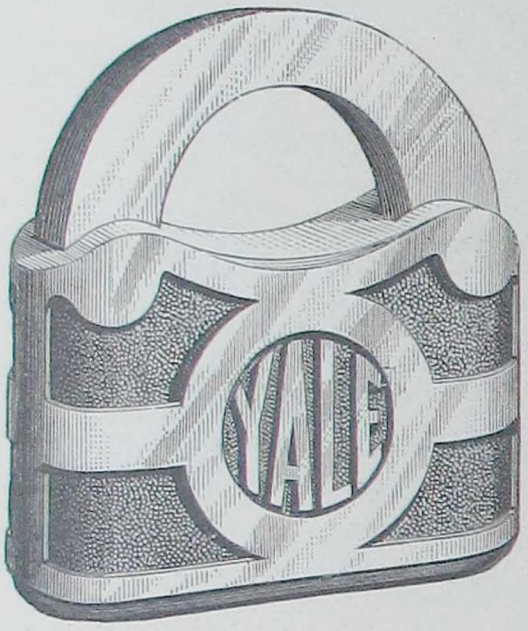
For Padlocks, with Chain, see pages 292 and 293.

For Keys, see Key Section.

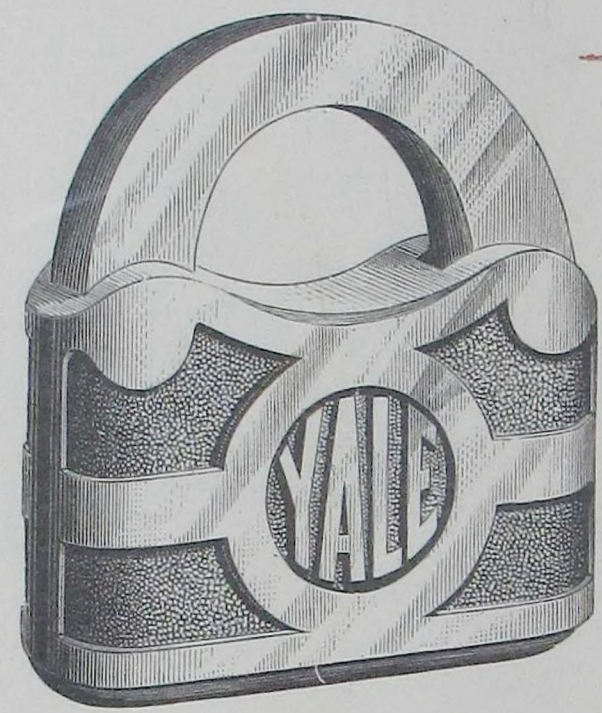
CAST BRONZE OR GUN METAL

SPRING PADLOCKS,

WITH NICKEL-PLATED PATENT FLAT STEEL KEYS.



No. 78 Key.



No. 853.

(For description, see page 285.)

No. 863.

(For description, see page 285.)

Nos. 853, 8153 and 854.	Four Brass Tumblers.	144 Changes.	Size, 2 inches.
Nos. 863, 8163 and 864.	Four Brass Tumblers.	144 Changes.	Size, 2¼ inches.

Packed, ½ dozen in a paper box, with 2 keys (Class No. 78) for each lock.

WITH BRONZE SHACKLES.

No	Case.	Shackles.	Per Dozen.
853	Finished Bronze.	Finished Bronze.	
863	Finished Bronze.	Finished Bronze.	
8153	Nickel-Plated.	Nickel-Plated.	
8163	Nickel-Plated.	Nickel-Plated.	

WITH STEEL SHACKLES.

854	Finished Bronze.	Steel.	
864	Finished Bronze.	Steel.	

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be furnished with each lock.

Switch Locks. When so ordered these locks will be arranged so that the key cannot be withdrawn until the shackle is closed and locked.

For other sizes of Padlocks, see pages 286, 287, 289 and 290.

For All Steel Padlocks, see page 291.

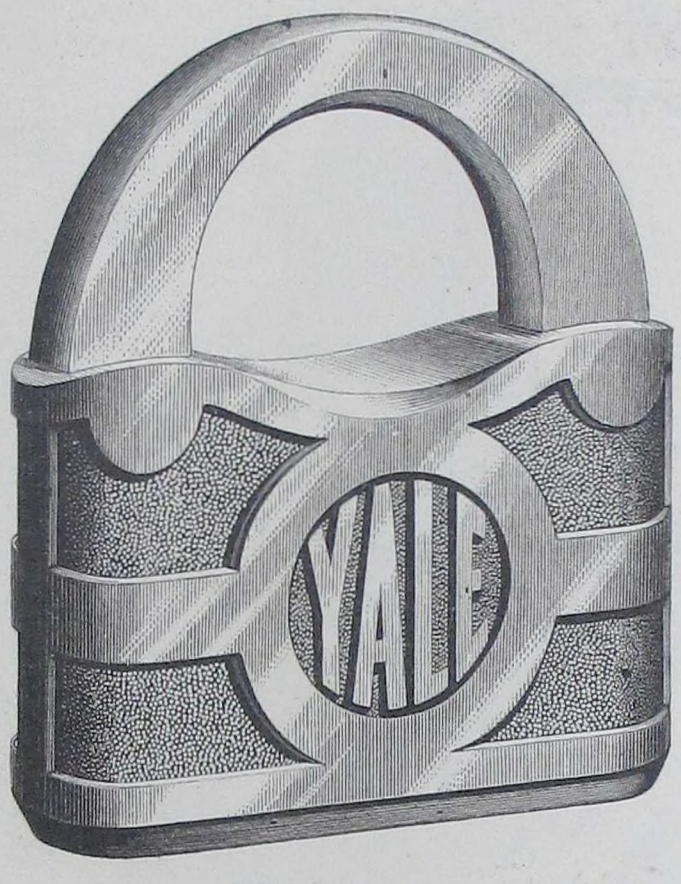
For Padlocks with Chain, see page 292 and 293.

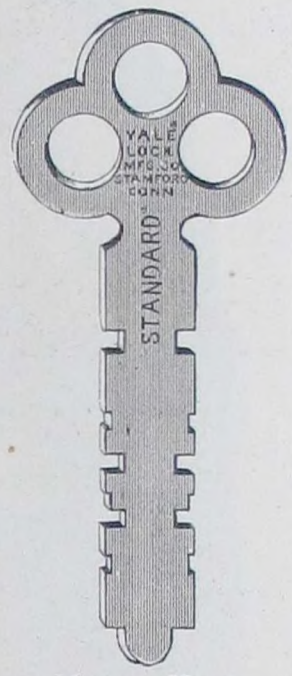
For Keys, see Key Section.

CAST BRONZE OR GUN METAL

SPRING PADLOCKS,

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.





No. 79 Key.

No. 873.

(For description, see page 285.)

Four Tumblers. **144 Changes.** **Size,** 2½ inches.

Packed, ½ dozen in a paper box, with 2 keys, (Class No. 79), for each lock.

WITH BRONZE SHACKLES.

No.	Case.	Shackles	Per Dozen.
873	Finished Bronze.	Finished Bronze.	
8173	Nickel-Plated.	Nickel-Plated.	

WITH STEEL SHACKLES.

874	Finished Bronze.	Steel.	

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be furnished with each lock.

Switch Locks. When so ordered these locks will be arranged so that the key cannot be withdrawn until the shackle is closed and locked.

For other sizes of Padlocks, see pages 286 to 288, and 290.

For All Steel Padlocks, see page 291.

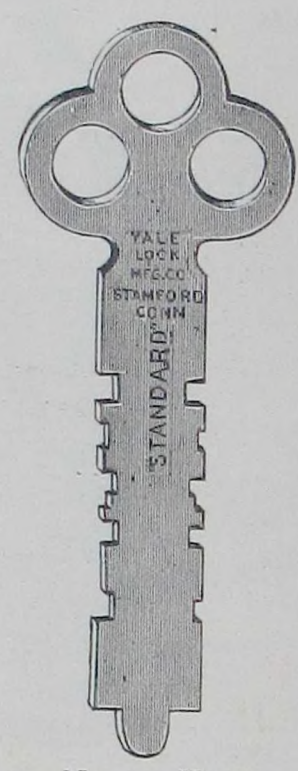
For Padlocks with Chain, see page 292 and 293.

For Keys, see Key Section.

CAST BRONZE OR GUN METAL

SPRING PADLOCKS,

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



No. 74 Key.

No. 893.

(For description, see page 285.)

Four Tumblers. 144 Changes. Size, 3 inches.

Packed, ½ dozen in a paper box, with 2 keys (Class No. 74) for each lock.

No.	Case.	Shackles.	Per Dozen.
WITH BRONZE SHACKLES.			
893	Finished Bronze.	Finished Bronze.	
8193	Nickel Plated.	Nickel-Plated.	
WITH STEEL SHACKLES			
894	Finished Bronze.	Steel.	

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be furnished with each lock.

Switch Locks. When so ordered these locks will be arranged so that the key cannot be withdrawn until the shackle is closed and locked.

For other sizes of Padlocks, see pages 286 to 289.
For Padlocks, with Chain, see pages 292 and 293.
For All Steel Padlocks, see page 291.
For Keys, see Key Section.

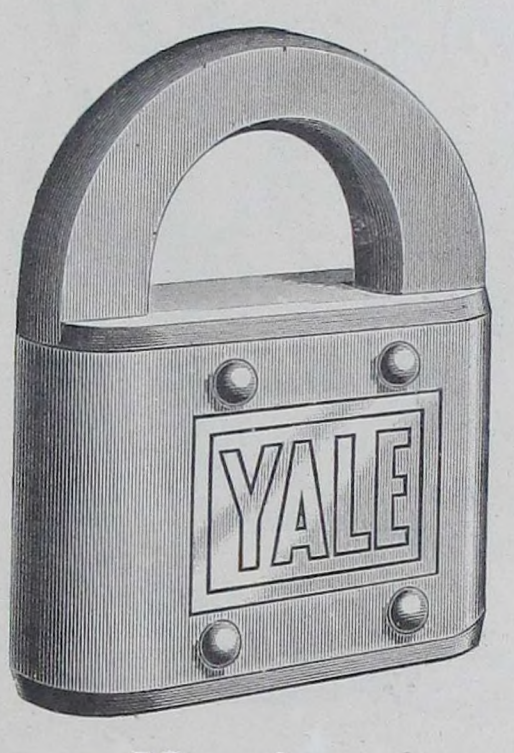
STEEL SHELL

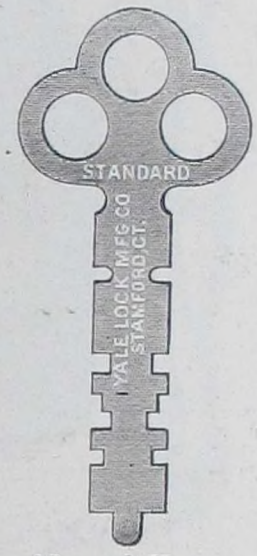
SPRING PADLOCKS.

ALL INSIDE WORK OF BRONZE.

The Case is a Seamless Shell of Steel; the Shackle is a Steel Forging; the End-Blocks, Bolt, Tumblers and all Inside-work are of Bronze; the Keys are of Flat Steel, Nickel Plated.

THE ONLY GOOD STEEL PADLOCK MADE.





No. 78 Key.

A LOW-PRICED PADLOCK OF HIGH QUALITY.

No. 8454.

(For description, see page 285.)

Four Tumblers. **144 Changes.** **Size,** 2 inches.

Packed, ½ dozen in a paper box, with 2 keys (Class No. 78) for each lock.

No.	Case.	Inside Work.	Shackles.	Per Dozen.
8454	Steel.	Bronze.	Steel.	

Sets. Furnished in sets, with keys alike, when so ordered, in which case **one** key only will be furnished with each lock.

Switch Locks. When so ordered these locks will be arranged so that the key cannot be withdrawn until the shackle is closed and locked.

For Bronze Padlocks with Steel Shackles, see pages 286 to 290.

For Padlocks, with Chain, see pages 292 and 293. **For Keys,** see Key Section.

CAST BRONZE OR GUN METAL

SPRING PADLOCKS,

WITH CHAIN.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.

No. 8053.

(For description, see page 285.)

Packed, ¼ dozen in a paper box, with 2 keys for each lock and 9 inches of chain. The 1 and 1¼ inch sizes with brass safety chain, as shown on page 293. The larger sizes with galvanized iron curb chain, as shown above.

WITH BRONZE SHACKLES.

No.	Size.	Case.	Per Dozen.	No.	Size.	Case.	Per Dozen.
8013	1 inch.	Finished Bronze.		8213	1 inch.	Nickel Plated.	
8023	1¼ inches.	Finished Bronze.		8223	1¼ inches.	Nickel Plated.	
8033	1½ inches.	Finished Bronze.		8233	1½ inches.	Nickel Plated.	
8043	1¾ inches.	Finished Bronze.		8243	1¾ inches.	Nickel Plated.	
8053	2 inches.	Finished Bronze.		8253	2 inches.	Nickel Plated.	
8063	2¼ inches.	Finished Bronze.		8263	2¼ inches.	Nickel Plated.	
8073	2½ inches.	Finished Bronze.		8273	2½ inches.	Nickel Plated.	
8093	3 inches.	Finished Bronze.		8293	3 inches.	Nickel Plated.	

WITH STEEL SHACKLES.

8014	1 inch.	Finished Bronze.		8054	2 inches.	Finished Bronze.	
8024	1¼ inches.	Finished Bronze.		8064	2¼ inches.	Finished Bronze.	
8034	1½ inches.	Finished Bronze.		8074	2½ inches.	Finished Bronze.	
8044	1¾ inches.	Finished Bronze.		8094	3 inches.	Finished Bronze.	

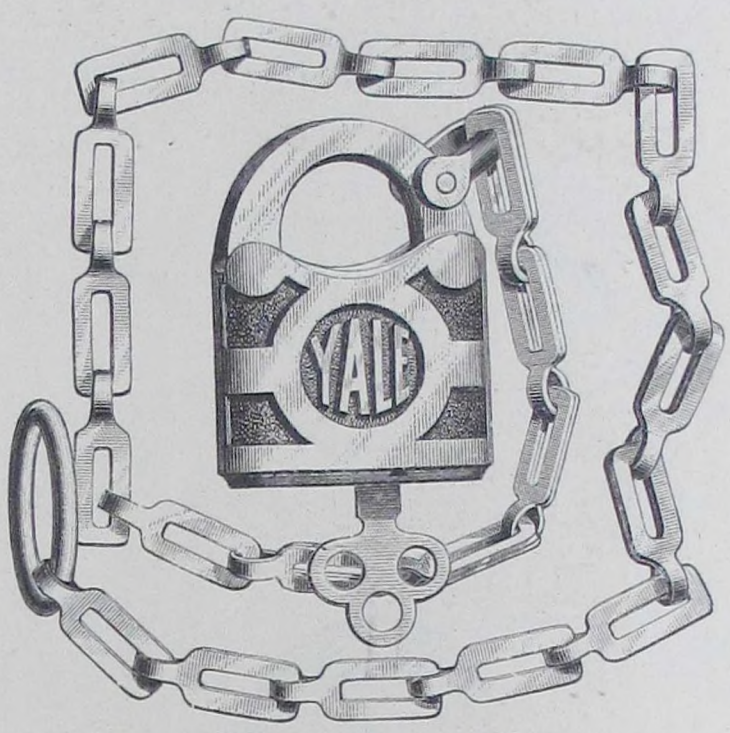
For Sets and Switch Locks, see note on pages 289 and 290.

CAST BRONZE OR GUN METAL

BICYCLE PADLOCKS,

Nos. 8013B and 8213B.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



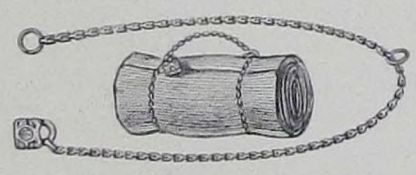
No. 8013B.

(For description, see page 285.)

For Use in fastening or hitching Bicycles.
Three Tumblers, of rolled brass. 54 Changes. Size, 1 inch.
Packed, ¼ dozen in a paper box, with 2 keys for each lock, (Class No. 76).

No.	Style.	Length of Chain.	Per Dozen.
8013B	Bronze.	12 inches	
8213B	Nickel Plated.	12 inches.	

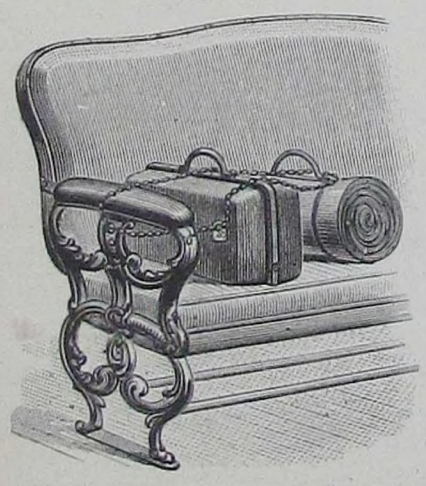
CAST BRONZE OR GUN METAL



BAGGAGE FASTENERS

Nos. 8013F and 8213F.

WITH PATENT NICKEL-PLATED FLAT STEEL KEYS.



No. 8013F.
(Showing manner of using.)

For Use in attaching Valises or Traveling Bags to car seats.
Three Tumblers, of rolled brass. 54 Changes. Size, 1 inch.
Packed, each lock in a paper box, with 2 keys, (Class No. 76).

No.	Style.	Length of Chain.	Per Dozen.
8013F	Bronze.	30 inches.	
8213F	Nickel-Plated.	30 inches.	

For larger sizes with chain, see page 292. For Keys, see Key Section.
For Padlocks without chain, see pages 286 to 291.

TRADE
Y&T
MARK

FOR
GENERAL INDEX,
See Page 5.

KEYS:

DUPLICATE, BLANK AND EXTRA;

MASTER-KEY WORK;

REPAIRS.

INDEX OF KEYS, ETC.

Duplicate Keys,	Page	296	"Tubular" Blank Keys,	Page	303
Master-Key Work for Yale Locks,	"	297	American Blank Keys,	"	304
Yale Blank Keys,	"	298 and 299	United States Blank Keys,	"	304
Standard Blank Keys for Door Locks,	"	300 and 301	Prison Lock Keys, Yale and Standard,	"	305
" " " Cabinet "	"	302	Repair Work,	"	306
Padlock Blank Keys,	"	303			

Note advertisement on page 306.

DUPLICATE KEYS.

NO KEYS DUPLICATED BY NUMBER. One of the originals must be returned, if possible; or, if these are all lost, the lock itself must be returned for new keys.

Re-setting a Lock to new Keys, (in addition to keys), see page 297, - Each,

PRICES FOR DUPLICATE KEYS.	For a Single Key.	For 2 or more Keys to same Pattern. - Each.
	Cents.	Cents.
YALE LOCK KEYS, Flat, old style, Nos. 2, 3 and 4, - - - - -		
" " " Corrugated, new style, Nos. 6 and 7, - - - -		
" " " Corrugated, new style, Nos. 6 and 7, with special bow, -		
" " " Flat, Asylum pattern, No. 5, - - - - -		
" " " Flat, Prison Lock, No. 90, - - - - - -		
"TUBULAR" LOCK KEYS, Flat, No. 108, - - - - - -		
U. S. LOCK CO., or "SHEPARDSON'S," Nos 104, 105, 106 and 107, - -		
AMERICAN LOCK CO., or "FELTER'S," Nos. 101, 102 and 103, - -		
STANDARD LOCK KEYS, Flat, old style, Nos 20, 22, 24, 26 and 28, - -		
" " " New style, Nos. 30, 32, 34, 35, 36, 38 and 80, -		
" " " Cabinet and Padlocks, Nos. 50, 51, 52, 53, 54, 55, 60, 61, 62, 74, 76, 77, 78 and 79,		
" " " Prison Lock, No. 91, - - - - - -		
" " " " " Nos. 92 and 93, - - - -		
" " " " " Nos. 94 and 95, - - - -		

DISCOUNTS (From rates in second column above.)

For 10 or more keys to same pattern, - - - - - - - - -	10 per cent.
For 25 or more keys to same pattern, - - - - - - - - -	15 per cent.
For 50 or more keys to same pattern, - - - - - - - - -	20 per cent.
For 100 or more keys to same pattern, - - - - - - - - -	25 per cent.

For Blank Keys, see pages 298 to 305.

Keys for P. O. Lock Boxes will only be furnished through Postmasters.

KEY-WORK and REPAIRS promptly executed at each of the Company's Offices,

STAMFORD, NEW YORK, CHICAGO, PHILADELPHIA and BOSTON. (See page 306.)

MASTER-KEY WORK,

FOR YALE LOCKS.

Adapted for Use with all kinds of Yale Locks.

For Duplex Master-Key Locks, see pages 159 to 179.

By the use of a Master-Key a person may have locks upon his front door, office or store door, desk, private drawers, etc., each of which may have a key of its own differing from the others, and yet all can be opened by a single Master-Key, one small key taking the place of a bunch of old-fashioned keys.

In like manner, sets of keys can be furnished for the doors of large shops, factories, public buildings or dwellings.

The number of different locks which can be set up to one Master-Key is limited, as follows.

	CORRUGATED KEYS.	FLAT KEYS.
Rim and Mortise Locks and Latches, all kinds, - - - - -	16	15
Cabinet Locks, 7/8 inch wood and over, - - - - - - -	15	12
" " 3/4 inch wood, - - - - - - - - -	12	8

In sets consisting of Rim or Mortise locks, and Cabinet locks, the limit is the same as for Cabinet locks. For more than above numbers of locks, two or more sets are needed, each having a different Master-Key.

Charge for Master-Key Work, additional to price of lock and keys, Per lock,

When Master-Keys are wanted for locks in use, the locks (or their escutcheons) must be returned for the necessary alterations.

The above does not apply to our special patented Duplex locks, (pages 159 to 179), any number of which can be set to Master-Key.

RESETTING

To New Keys.

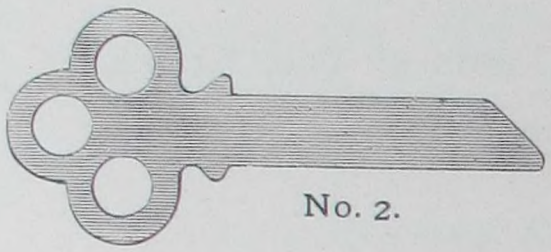
OLD LOCKS can be "re-set" to new keys; that is, altered as to their tumblers so that a new key will operate them and the old one will not. This is often desirable, either because of the loss of a key, or of a change of owners. Night latches, Front Door and Office locks, should always be **re-set to new keys** whenever a change of ownership or tenancy is made.

Charge for Re-setting, (in addition to keys, see page 296), - - - Per lock,

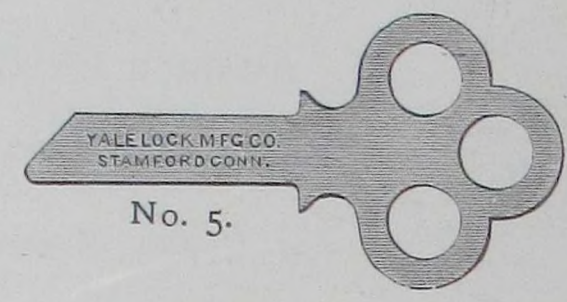
KEY-WORK and REPAIRS promptly executed at each of the Company's Offices,

STAMFORD, NEW YORK, CHICAGO, PHILADELPHIA and BOSTON. (See page 306.)

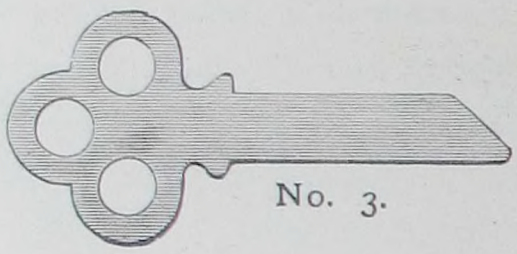
YALE
BLANK KEYS.



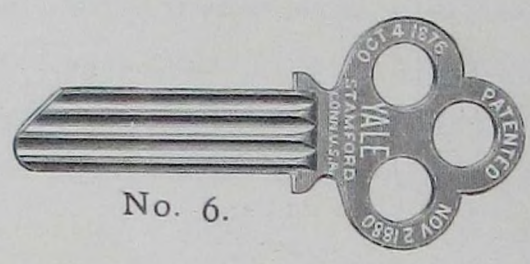
No. 2.



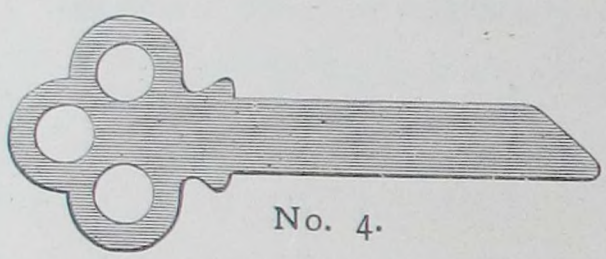
No. 5.



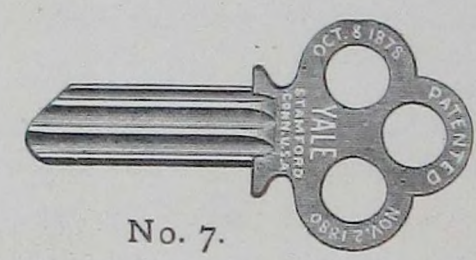
No. 3.



No. 6.



No. 4.



No. 7.

FLAT KEYS.

Class No. 2 Key is for all **Cupboard Locks**, excepting those on page 137 with 1 inch nose.

Class No. 3 Key is for all **Rim Locks**, excepting **Store Locks** on page 26, for **Cupboard Locks**, with 1 inch nose, page 137, **Drawer, Desk and Safe Deposit Locks.**

Class No. 4 Key is for **Store Locks**, on page 26 **and Chest Locks.**

Class No. 5 Key is for **Asylum Locks.**

CORRUGATED KEYS.

Class No. 6 is for all Mortise, Rim and Cabinet Locks using Corrugated Keys, **except those with short noses, as specified under Class No. 7.**

Class No. 7 Key is for all **Corrugated Key Cabinet Locks**, with ¾ inch noses, and also for ⅞ noses, in the case of **Duplex Cabinet Locks.**

PRICES OF BLANK KEYS.

Class Nos. 2, 3 and 4,	Per Dozen,
Class No. 5,	"
Class Nos. 6 and 7,	"

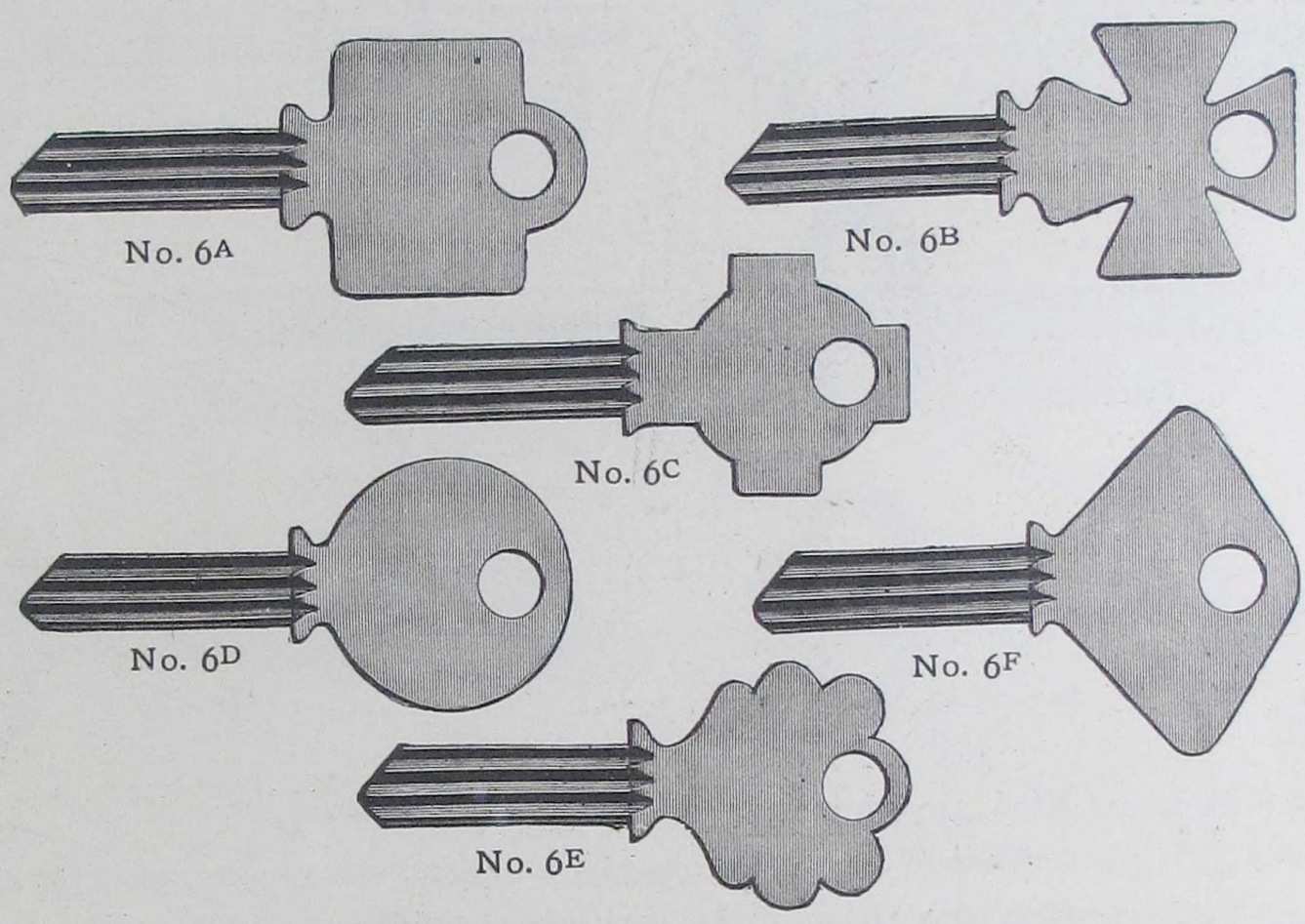
For Duplicate and Extra Keys, see page 296.

KEY-WORK and REPAIRS promptly executed at each of the Company's Offices,

STAMFORD, NEW YORK, CHICAGO, PHILADELPHIA and BOSTON. (See page 306.)

YALE
BLANK KEYS,
Nos. 6 and 7.

WITH SPECIAL BOWS.



(Specify Letter indicating design when ordering.)

For Use with ALL CORRUGATED KEY LOCKS.

Blank Keys, (Class Nos. 6 and 7), of above designs, - - - - - - Per Dozen,

Keys, (Class Nos. 6 and 7), of above designs, - - - - - - Each,

Above Keys, with locks, in place of keys with regular bows, extra, - - Each,

For Duplicate and Extra Keys, see page 296.

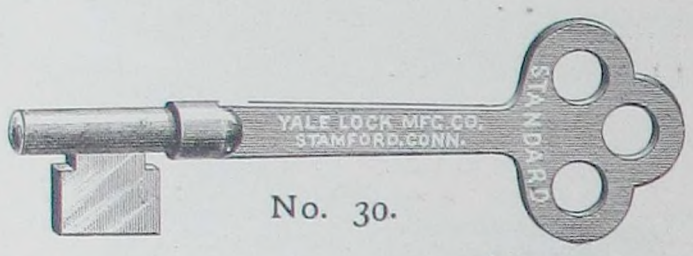
Other designs furnished to order.

KEY-WORK and REPAIRS promptly executed at each of the Company's Offices,

STAMFORD, NEW YORK, CHICAGO, PHILADELPHIA and BOSTON. (See page 306.)

STANDARD BLANK KEYS,

FOR DOOR LOCKS.



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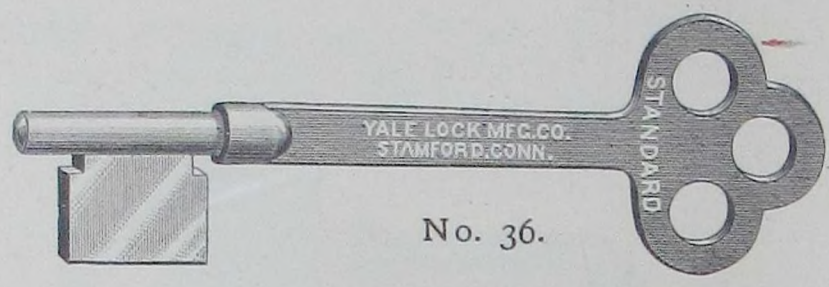
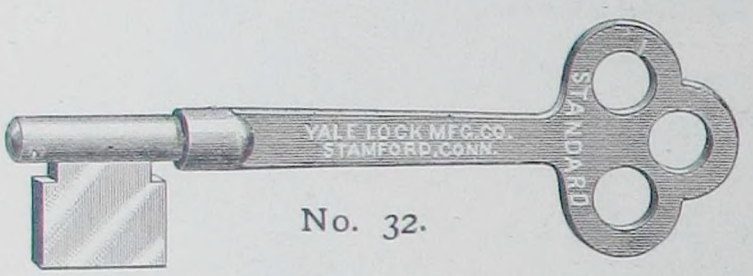
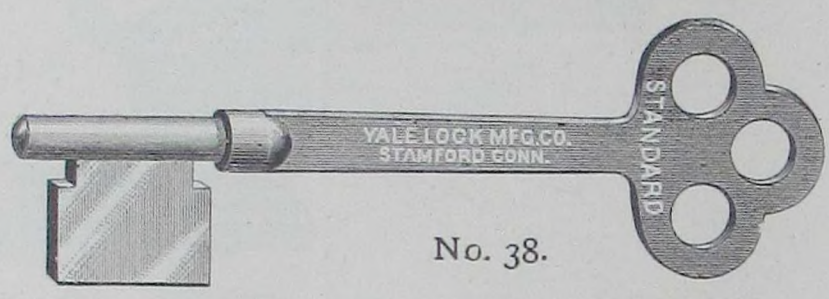


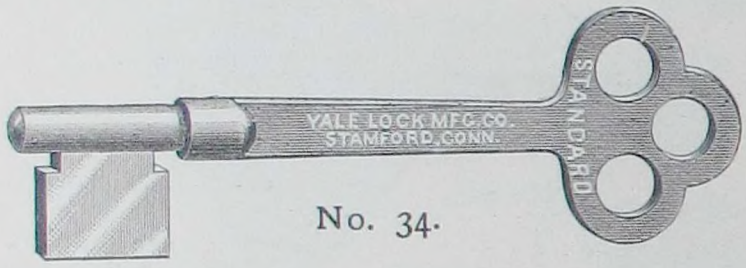
No. 36.



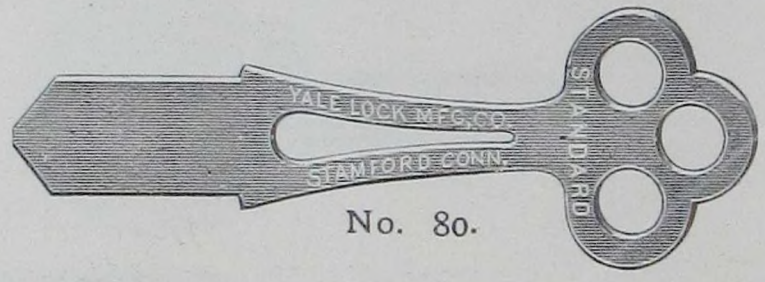
No. 32.



No. 38.



No. 34.



No. 80.

Class No. 30 is for Locks Nos. 1340 and 1341, 1308 and 1309, 1640 and 1641.

Class No. 32 is for Night Latches of Nos. 2000 to 2030. Latches, Nos. 2200 to 2500, 1792 and 1795.

Class No. 34 is for Locks Nos. 1300, 1400 to 1631R, 1500, 1520, and 1684. Dead Bolts, Nos. 2000 to 2030.

*Class No. 35 is for Locks Nos. 4300 to 4631.

Class No. 36 is for Locks Nos. 1614, 1654, 2600 to 2630.

Class No. 38 is for Locks Nos. 1200 and 1670.

Class No. 80 is for Locks Nos. 1246 to 1254, 1284 and 2714.

*No. 35 has same stem as No. 34, but with Shank ½ inch longer.

PRICES OF BLANK KEYS.

Class No. 30, - - - - - - - - - - - - Per Dozen,

Class No. 32, 34, 35, 36, 38 and 80, - - - - - - - "

For Duplicate and Extra Keys, see page 296.

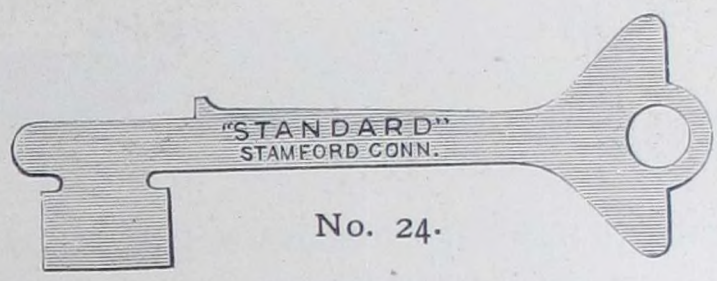
KEY-WORK and REPAIRS promptly executed at each of the Company's Offices,

STAMFORD, NEW YORK, CHICAGO, PHILADELPHIA and BOSTON. (See page 306.)

STANDARD BLANK KEYS.

OLD PATTERN.

No. 20.



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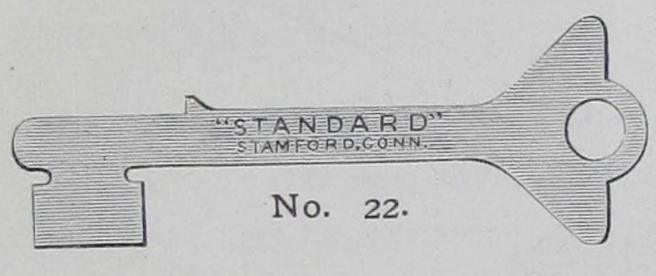

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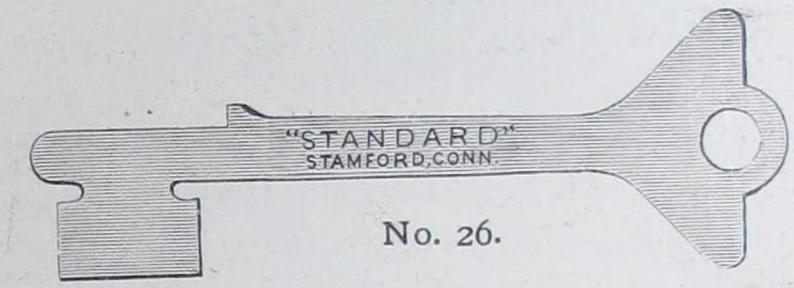

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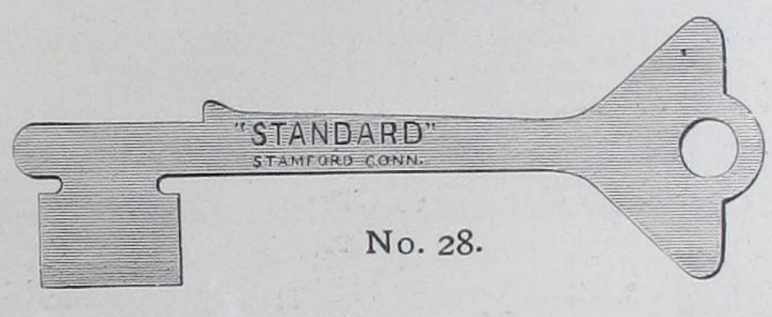


No. 28.

Class No. 20 is for Locks Nos. 1340 and 1341.

Class No. 22 is for Night Latches of Nos. 2000 to 2030, Latches Nos. 2200 to 2500.

Class No. 24 is for Locks of Nos. 1300, 1400 to 1621, Dead Bolts of Nos. 2000 to 2030.

Class No. 26 is for Locks of Nos. 2600 to 2630.

Class No. 28 is for Locks Nos. 1200 to 1210.

PRICES OF BLANK KEYS.

Class No. 20, - - - - - - - - - - - - Per Dozen,

Class Nos. 22, 24, 26, 28, - - - - - - - - "

For Duplicate and Extra Keys, see page 296.

KEY-WORK and REPAIRS promptly executed at each of the Company's Offices,

STAMFORD, NEW YORK, CHICAGO, PHILADELPHIA and BOSTON. (See page 306.)

BLANK KEYS

FOR

Standard Cabinet Locks.

On pages 272 to 284.

No. 51.

Class No. 50 Key is for all **Standard Cabinet Locks** with ½ inch nose, except those on pages 272 and 273, also for Nos. 910, etc., page 198, and No. 912, page 275.

Class No. 51 Key is for all **Standard Cabinet Locks** with ¾ inch noses, and those on pages 272 and 273, with ½ inch nose.

Class No. 52 Key is for all **Standard Cabinet Locks** with ⅞ inch noses, except those on pages 272 and 273.

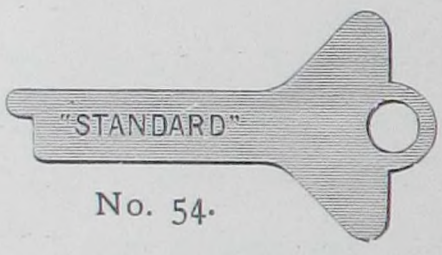
Class No. 53 Key is for all **Standard Chest Locks**, page 283, and **Desk Locks**, page 284.

Class No. 55 Key is for all **Standard Cabinet Locks** with ⅞ inch noses, pages 272 and 273.

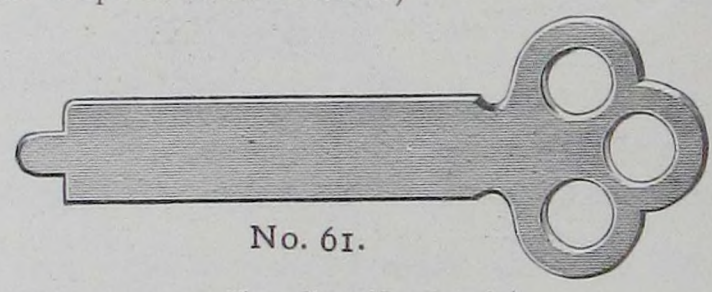
Keys for Standard Cabinet Locks with longer noses than those specified in list, can be furnished to order.

For Standard Sub-Treasury Locks.

(See Bank, Safe and Safe-Deposit Lock Section.)



No. 54.



No. 61.

(Three Sizes, Nos. 60 to 62.)

Class No. 54 Key is for **Nos. 3300 and 3301 Locks.**

Class No. 60 Key is for **Nos. 3214, 3215, 3230 and 3231 Locks.**

Class No. 61 Key is for **Nos. 3212, 3213, 3228 and 3229 Locks.**

Class No. 62 Key is for **Nos. 3206, 3207, 3222 and 3223 Locks.**

PRICES OF BLANK KEYS.

Class Nos. 50, 51, 52, 53, 54 and 55, - - - - - -	Per Dozen,
Class Nos. 60, 61 and 62, - - - - - - - - - -	"

For Duplicate and Extra Keys, see page 296.

KEY-WORK and REPAIRS promptly executed at each of the Company's Offices,

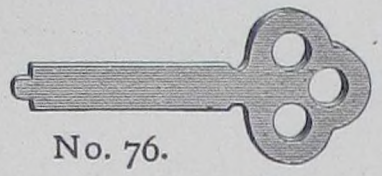
STAMFORD, NEW YORK, CHICAGO, PHILADELPHIA and BOSTON. (See page 306.)

BLANK KEYS

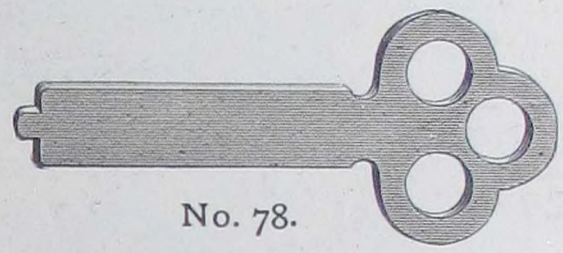
FOR

Padlocks, Bicycle and Baggage Fasteners.

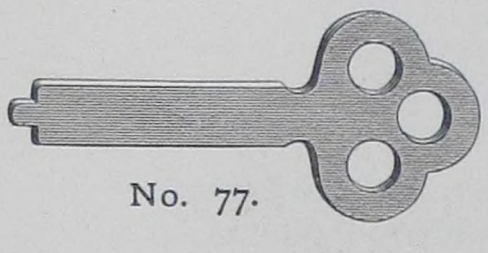
On pages 286 to 293.



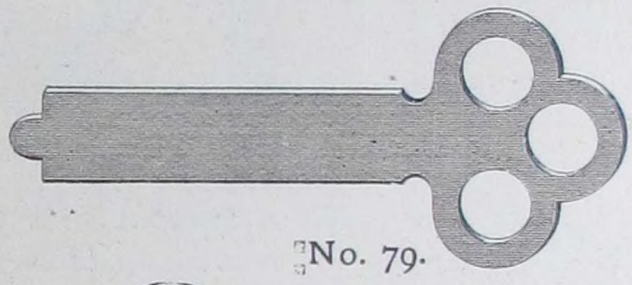
No. 76.



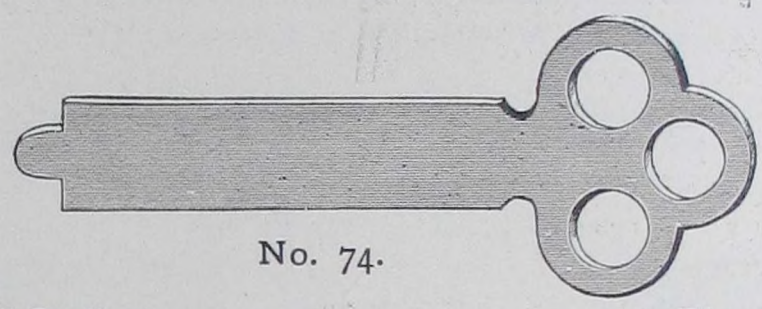
No. 78.



No. 77.



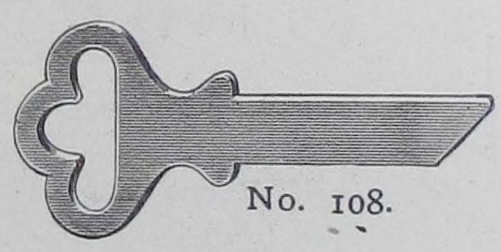
No. 79.



No. 74.

Class No. 76 Key is for all **Padlocks** of 1 and 1¼ inch size, **also Bicycle and Baggage Fasteners.**
Class No. 77 Key is for all **Padlocks** of 1½ and 1¾ inch size.
Class No. 78 Key is for all **Padlocks** of 2 and 2¼ inch size.
Class No. 79 Key is for all **Padlocks** of 2½ inches.
Class No. 74 Key is for all **Padlocks** of 3 inches.

For Tubular Locks.



No. 108.

Class No. 108 Key is for "Tubular" Locks. (Not shown in this Catalogue.)

PRICES OF BLANK KEYS.

Class Nos. 76, 77, 78 and 79, - - - - - - - - -	Per Dozen,
Class No. 74, - - - - - - - - - - - -	"
Class No. 108, - - - - - - - - - - - -	"

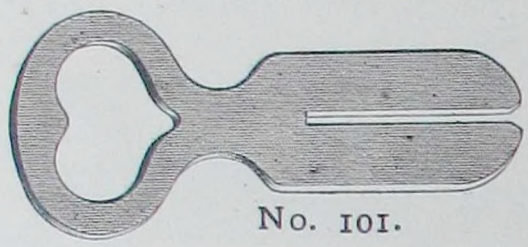
For Duplicate and Extra Keys, see page 296.

KEY-WORK and REPAIRS promptly executed at each of the Company's Offices,

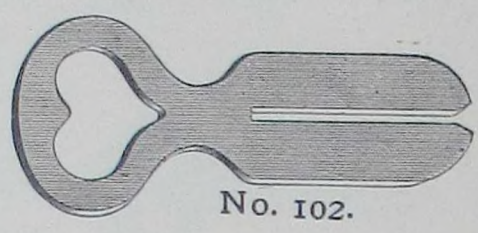
STAMFORD, NEW YORK, CHICAGO, PHILADELPHIA and BOSTON. (See page 306.)

BLANK KEYS,

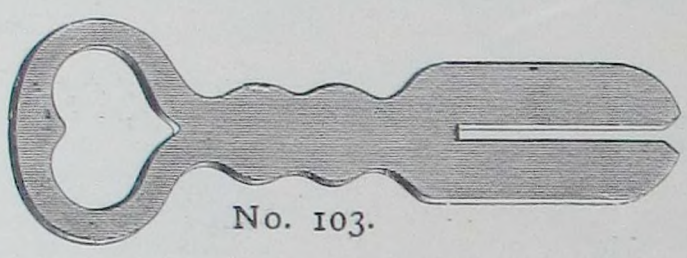
For American or "Felter" Locks.



No. 101.



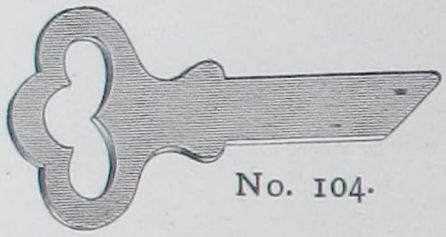
No. 102.



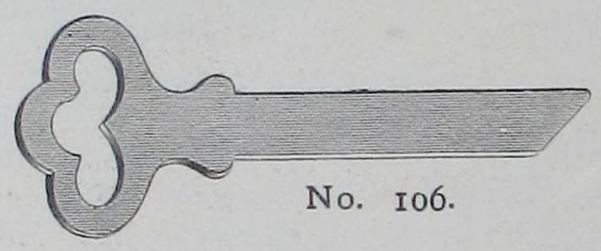
No. 103.

Class No. 101 Key is for American Store Door, Chest Locks and Rim Latches.
Class No. 102 Key is for American Drawer, Desk, Cupboard and Padlocks.
Class No. 103 Key is for American Mortise Night Latches.

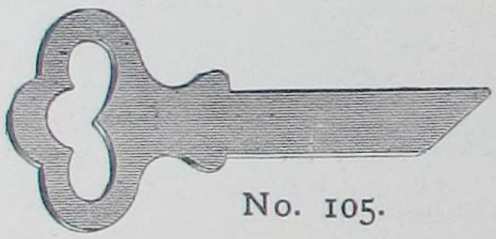
For United States or "Shepardson" Locks.



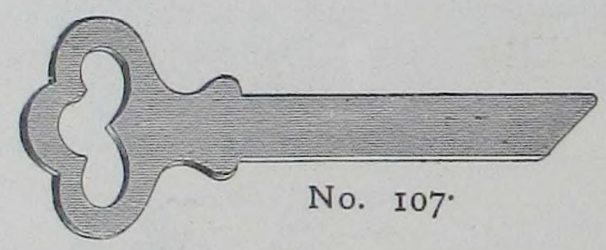
No. 104.



No. 106.



No. 105.



No. 107.

Class No. 104 Key is for United States Desk and Drawer Locks, numbers beginning with 0.
Class No. 105 Key is for United States Desk and Drawer Locks, other than above.
Class No. 106 Key is for United States Rim Latches and Chest Locks.
Class No. 107 Key is for United States Rim Locks and Store Door Locks.

PRICES OF BLANK KEYS.

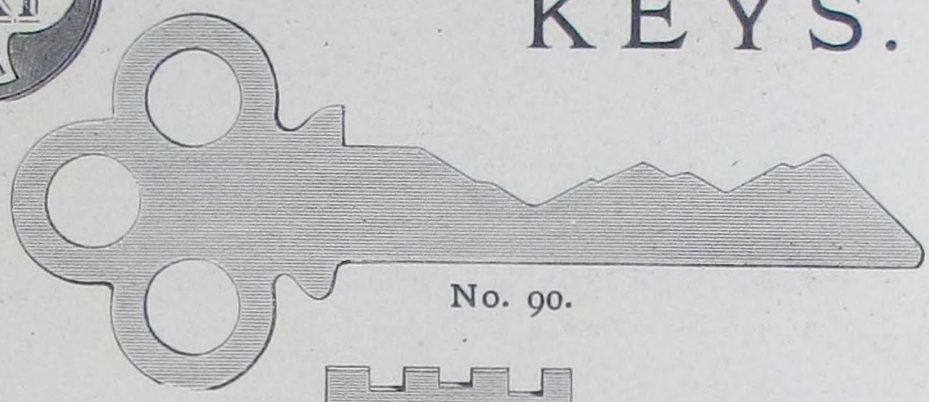
Class No. 101, "American,"	Per Dozen,
Class No. 102, "	"
Class No. 103, "	"
Class Nos. 104, 105, 106 and 107, "United States,"	"

For Duplicate and Extra Keys, see page 296.

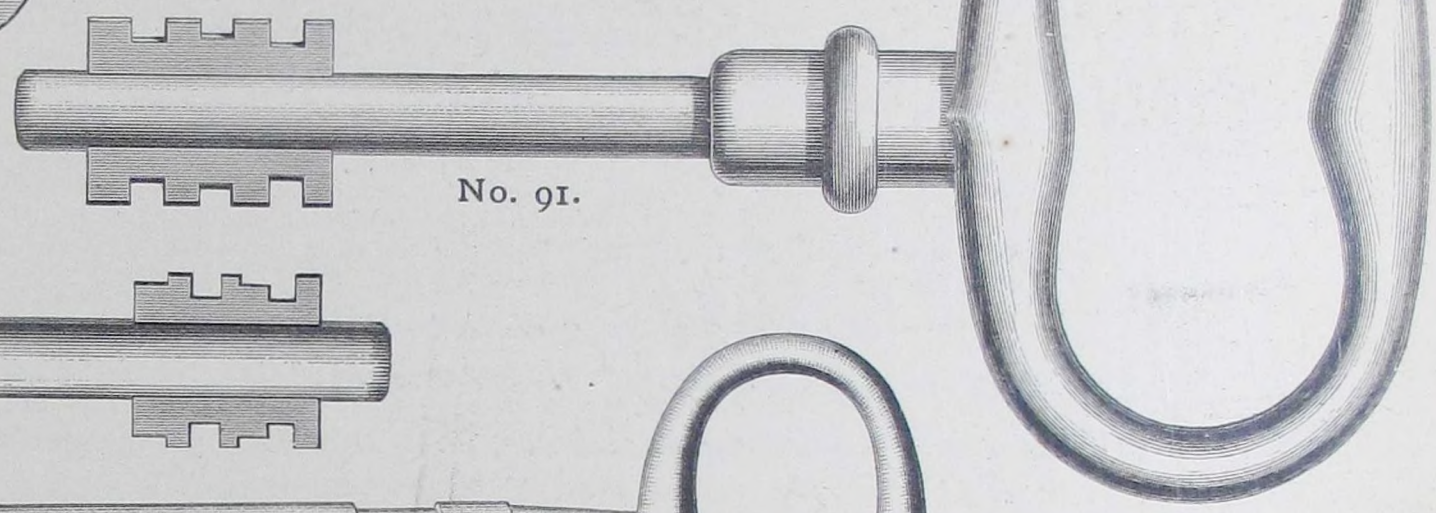
KEY-WORK and REPAIRS promptly executed at each of the Company's Offices,

STAMFORD, NEW YORK, CHICAGO, PHILADELPHIA and BOSTON. (See page 306.)

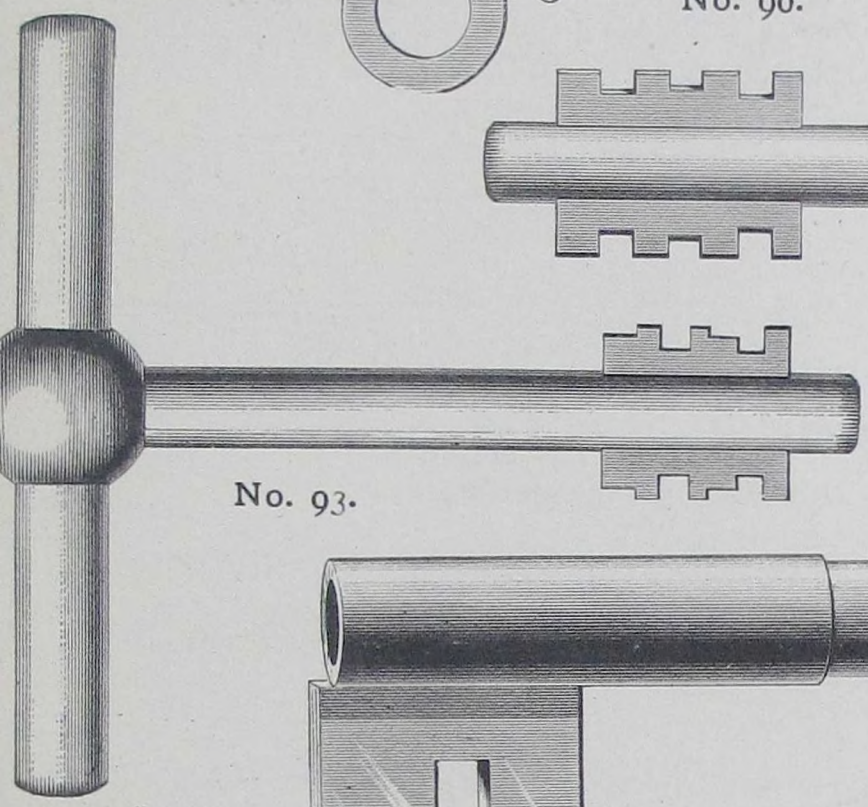
PRISON LOCK KEYS.



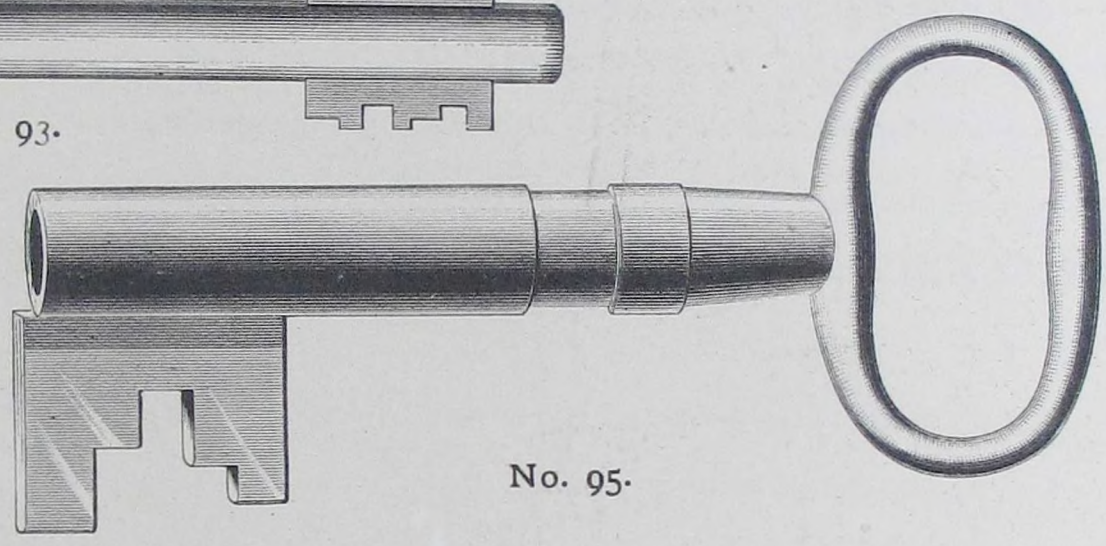
No. 90.



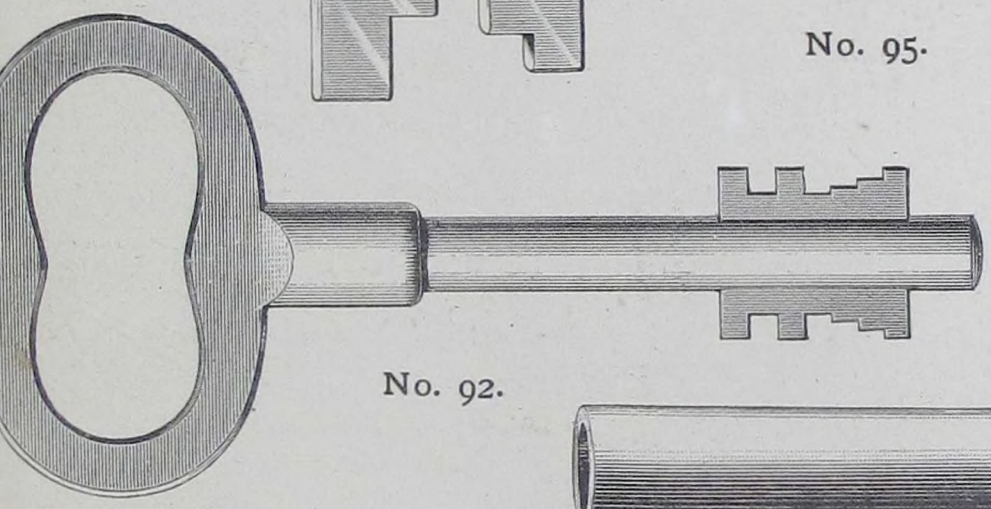
No. 91.



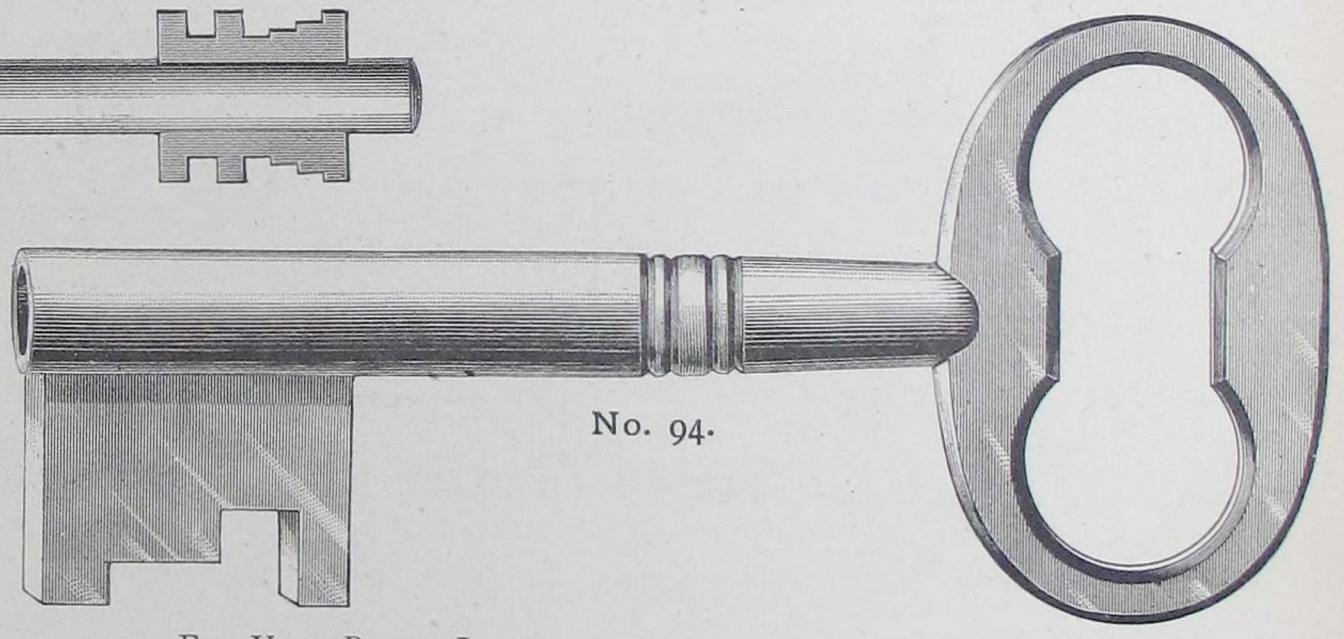
No. 93.



No. 95.



No. 92.



No. 94.

For Yale Prison Locks.

Class No. 90 Key, - - - - - - - - - - - Each, $

For Standard Prison Locks.

Class No. 91 Key, - - Each, $
Class No. 92 Key, - - "
Class No. 93 Key, - Each, $
Class No. 94 Key, - - "
Class No. 95, - - - - Each, $

KEY-WORK and REPAIRS promptly executed at each of the Company's Offices,
STAMFORD, NEW YORK, CHICAGO, PHILADELPHIA and BOSTON. (See page 306.)

REPAIR WORK,

INCLUDING

Extra Keys, Resetting to New Keys, Master Keys,

AND

General Refitting.

We are fully prepared to do all work of the above kinds at each of our several offices, viz:

STAMFORD, CONN., at the Company's Works;

NEW YORK, 62 Reade Street. PHILADELPHIA, 15 N. Sixth Street.

CHICAGO, 152-154 Wabash Ave. BOSTON, 224 Franklin Street.

At each point we have provided the special machines and tools required, and employ experienced workmen, so that orders may be sent to the most convenient point and will in all cases receive equal and prompt attention.

Repairs to cases and bolt work of the Yale locks can be effected by any locksmith. The only part which needs special knowledge or tools is the **escutcheon or tumbler case.** This part (except in the small drawer locks, etc.,) is detachable from the case, and can be forwarded to us by mail, for a few cents. Orders of this kind will always receive prompt attention, and can ordinarily be executed within twenty-four hours.

Locks with extra keys may be ordered complete, including keys, or may be furnished by a dealer from his own stock, one of the regular keys being sent to us with an order specifying the number of duplicates required. For prices of duplicate and extra keys, see page 296.

Master Key Work and Resetting to New Keys, for particulars, see page 297.

LOCKSMITHS' EQUIPMENTS.

The necessary tools and instructions for "resetting" and repairing the Yale locks will be furnished to locksmiths at the following **net** prices:

A Complete Set of Tools, comprising 2 plugs, 1 knife, 1 thimble, 1 ounce of pins, 1 ounce of drivers, ¼ ounce of springs, and special key knife, - - $

A Bitting Press, complete, with gauges and everything necessary for duplicating Yale keys, - - - - - - - - - - - - $

FOR
GENERAL INDEX,
See Page 5.

LOCK FURNITURE

AND

REAL BRONZE HARDWARE.

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Improved Construction of Butts, - - - - - - - - " 388 and 389

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BOWER-BARFF

RUSTLESS IRON FINISH.

A finish for metal work which would satisfactorily resist the action of the atmosphere and the effect of handling has been sought after for ages. This has been particularly the case as regards iron and steel, which are generally employed in exposed situations and which are peculiarly liable to oxidation or rust. Heretofore the only available mode of protecting these latter metals has been by the use of paint, which usually detracts from the best results in artistic work, and is neither elegant nor durable.

When, accordingly, the discovery by Messrs. Bower and Barff was announced of certain methods for producing on the surface of iron and steel a beautiful and absolutely rustless finish, the invention was at once recognized as of the very first importance. The applicability of this process to builders' hardware was early appreciated by this Company, and arrangements were finally consummated with the owners of the Bower-Barff patents in this country under which we alone, among hardware manufacturers, are enabled to use this process in our Works.

Having now had an experience of several years, we are producing, by this process, results in builders' hardware which cannot fail to commend themselves to architects and to owners of houses and buildings.

We are prepared to furnish any article in the line of builders' hardware with this finish, and having already fitted throughout some of the most important buildings in the country with Bower-Barffed iron hard-

ware which has now been in use long enough to give it a thorough test, we are justified in announcing that builders' hardware, in iron and steel, with the rustless finish, has long since passed the stage of experment, and is among the established successes.

We are prepared to furnish not only builders' hardware, but also all kinds of hand metal work, such as wrought iron grilles, railings, gates, strap hinges, brackets, lamps, etc., and have produced work in this line which has given great satisfaction to the architects who have favored us with their orders.

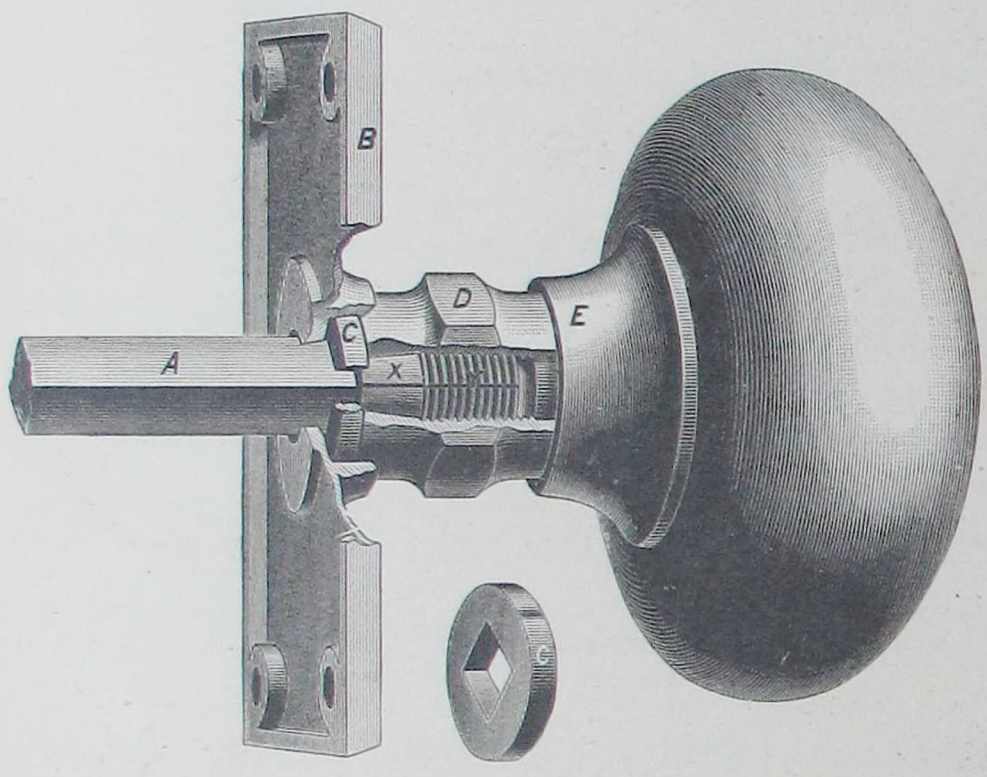
We regard iron hardware with this finish as particularly well adapted to public buildings of all descriptions, because it is permanent, is not affected by wear and suffers no deterioration by exposure. In many cities, especially where soft coal is the ordinary fuel, bronze or brass work cannot preserve asatisfactory appearance without an amount of labor which is ordinarily out of the question. In most cases, therefore, where bronze or brass work is used, a dark oxidized finish is desired, which, if the design of the hardware admits of such finish, will produce good results. But nothing approaching the durability of iron, with the Bower-Barff finish, has ever yet been accomplished in other metals.

For use in residences this finish is perhaps too sombre for many rooms, but it is recommended for front door use, and for halls and libraries where dark woodwork, such as antique oak, is used.

Altogether we feel warranted in the assertion that the use of the Bower-Barff finish in connection with builders' hardware of wrought iron, cast iron and steel, is among the most valuable and important advances made in recent years in this field.

Prices of any of our products, or of special work, in this finish, will be quoted on application.

YALE
SCREWLESS
SHANK AND SPINDLE.



Probably on no single device has more time been spent by those inventors who have turned their attention to builders' hardware, than on a shank and spindle which would do away with the ordinary method of fastening the shank to the spindle by means of a screw. The trials which every person has experienced owing to the gradual loosening of these screws, their final dropping out, and the consequent pulling off of the knob at inconvenient times, need no allusion from us.

Nor is it necessary to refer to the many futile attempts to remedy these difficulties.

But we are glad to announce that we have finally solved the question by means of the shank and spindle illustrated herewith. This device has now been in use for several years, and many thousands of them have given entire satisfaction. In general, the knob-shank consists of a split and screw-threaded inclined clutch, on which is secured the sleeve D. Now as this sleeve is screwed in one direction the clutch is loosened so that the knob can be pulled off the spindle, while when it is screwed in the other direction the clutch grips the spindle so that the shank and the spindle are firmly locked together, and there is no tendency from the use of the knob to loosen up any of the parts. A wrench is packed with each pair of knobs. It will be noticed that this construction admits of the very closest adjustment, and inasmuch as one knob of the pair is always pinned fast to the spindle, the knob with the screwless shank can always be placed on the inside of outside doors, and there will thus be no liability of the knobs being loosened and stolen.

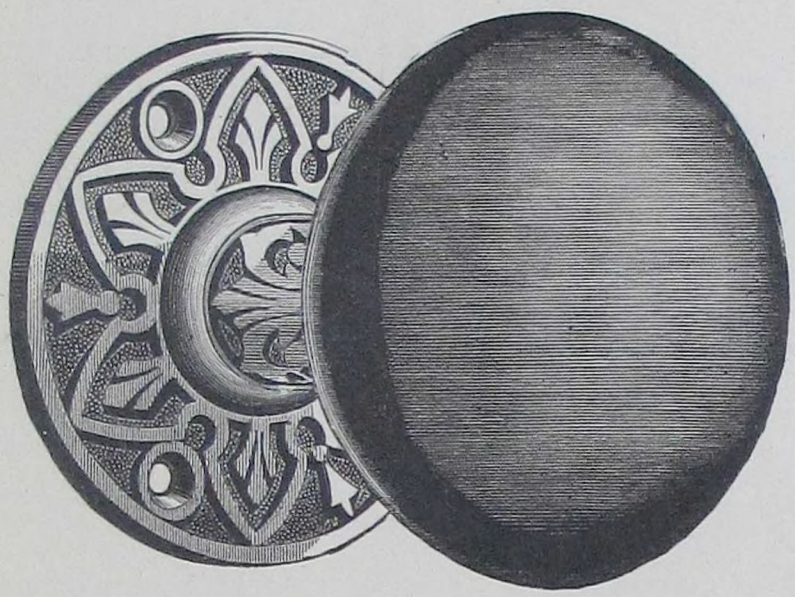
It will be seen that this construction is well designed, and as above stated the experience gained in several years' time, and from the use of many thousand pairs of knobs, has confirmed our original opinion as to the value of this device.

Any of the knobs listed on pages 314 and 315, except Nos. 55P, 55½P and 56P, will be furnished with the screwless shank and spindle, if so specified in order, at same prices as with regular spindles.

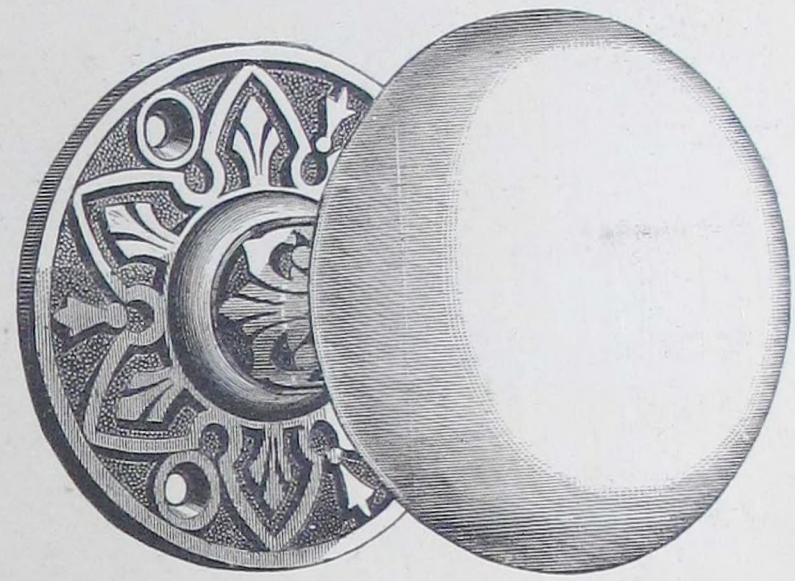
EBONY and PORCELAIN

DOOR KNOBS,

With Ornamental and Plain Bronze or Brass Mountings.



No. 26.



No. 28.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Spindle. Furnished with $\frac{5}{16}$ inch spindles, unless $\frac{3}{8}$ inch are particularly called for.

Packed, $\frac{1}{2}$ dozen pairs in a paper box, with screws, complete.

No.	Knobs.	Style of Shank and Rose.	Size of Knobs.	Per Dozen Pairs.
26	Ebony.	Ornamental Bronze.	$2\frac{1}{4} \times 2\frac{1}{4}$ inch.	
26P	Ebony.	Plain Bronze.	$2\frac{1}{4} \times 2\frac{1}{4}$ inch.	
27P	Ebony.	Plain Bronze, Nickel-Plated.	$2\frac{1}{4} \times 2\frac{1}{4}$ inch.	
28	Porcelain.	Ornamental Bronze.	$2\frac{1}{4} \times 2\frac{1}{4}$ inch.	
28P	Porcelain.	Plain Bronze.	$2\frac{1}{4} \times 2\frac{1}{4}$ inch.	
29P	Porcelain.	Plain Bronze, Nickel-Plated.	$2\frac{1}{4} \times 2\frac{1}{4}$ inch.	

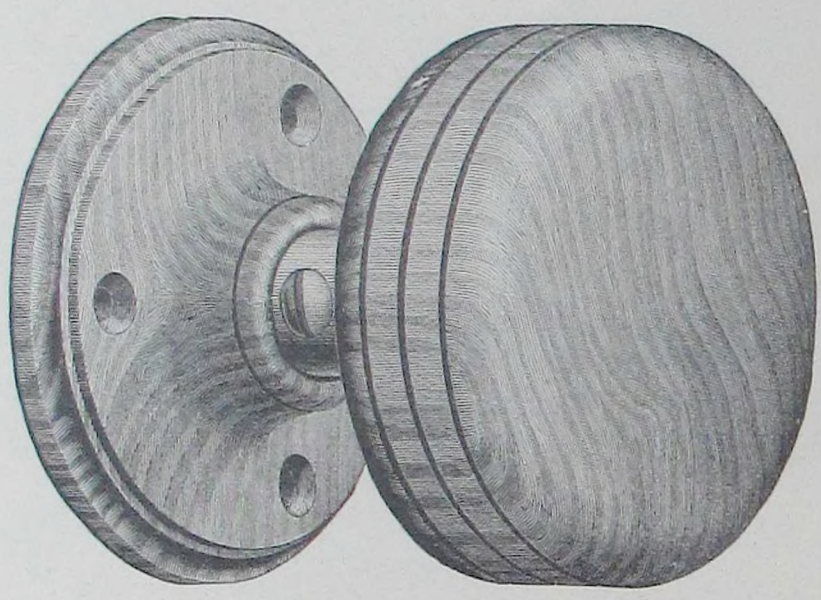
Also furnished with Brass mountings, if so ordered, at same prices, respectively.

Swivel Spindles. For knobs with $\frac{3}{8}$ inch swivel spindles, add cts per pair to list prices of the knobs.

For Porcelain and Ebony Closet Knobs, see page 324.

WOOD

DOOR KNOBS.



No. 116.

(With Bronze Shank and Wood Rose.)

There has long been a universal demand on the part of architects, builders, house owners and the trade, for a line of knobs which, while reasonable in price, should be more attractive than the usual Porcelain or Mineral Knobs, and less expensive than Bronze or Brass knobs.

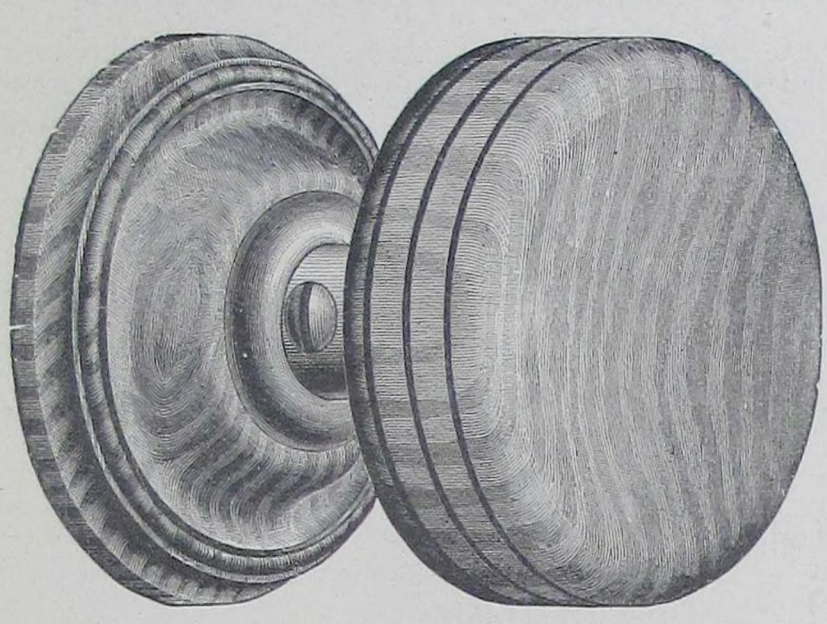
We offer a line of knobs, key plates, etc., which we can confidently recommend as to quality, durability and attractiveness. They are regularly made of various kinds of wood, as specified, to match woodwork, and are finished in a way which experience has proved to be entirely durable, and which is very beautiful.

We offer these goods as possessing the desirable qualities of good design, high quality and moderate prices.

Every pair of knobs is positively warranted not to come loose or give out in any way.

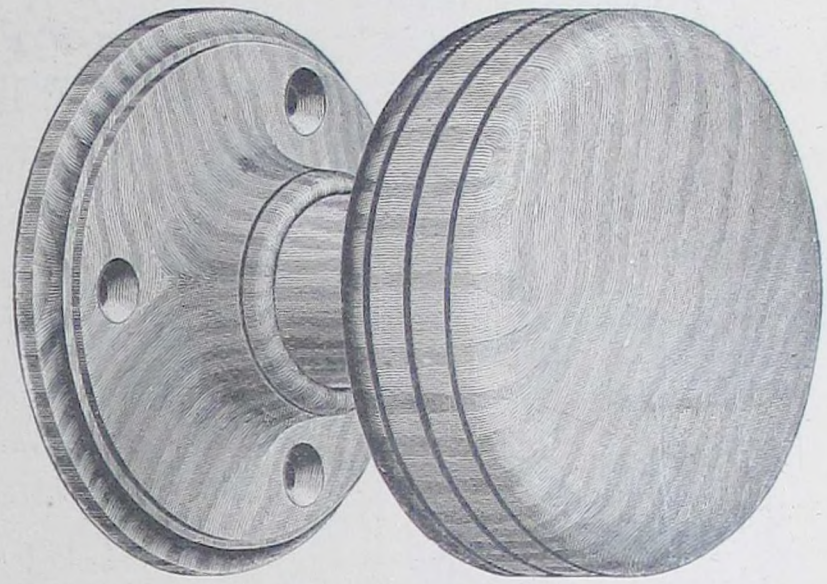
Inferior goods have been put on the market to imitate ours. None are genuine unless packed in boxes labeled "The Yale Lock Mfg. Co."

WOOD DOOR KNOBS.



No. 101.

(With Bronze Shank and Thimble.)



No. 105.

(With Wood Shank and Rose.)

Description. The No. 101 has a **bronze shank,** and the **thimble** is also of **bronze,** and is attached to the wood rose by a thread, the thimble being screwed fast to the door by screws which are concealed. The No. 116 has a **bronze shank,** and **wood rose** screwed directly to the door.

The No. 105 is similar to No. 116, except that it has a **wood shank** instead of bronze, and is provided with a **threaded spindle** by which the adjustment is very accurate, and with no liability to come loose after once being placed on the door.

Spindles. $\frac{5}{16}$ inch spindles will be furnished with these knobs.

Wood. Made regularly in Ash, Oak, Apple, Walnut, Maple, Cherry and Stained Mahogany, but can be furnished in any kind of wood, to match any particular trim, on special order, at slightly increased cost.

Packed, ½ dozen pairs in a paper box, with bronze screws for roses, complete.

No.	Size.	Per Dozen Pairs.
101	2¼ × 2¼ inch.	
105	2¼ × 2¼ inch.	
116	2¼ × 2¼ inch.	

For Wood Closet and Mortise Latch or Bolt Knobs, see page 326.

For Wood Drawer and Shutter Knobs, see page 461.

For Wood Drawer Pulls, see page 461.

For Wood Key Plates, see page 341.

For Wood Door Stops, see page 462.

REAL BRONZE or BRASS

DOOR KNOBS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Square Spindles. The knobs listed below are furnished with $\frac{5}{16}$ inch square spindles, unless $\frac{3}{8}$ inch are particularly called for.
Screwless Spindles, described on page 310, will be furnished, if so specified in order, without extra charge.
Swivel Spindles. $\frac{3}{8}$ inch swivel spindles will be furnished at a charge of per pair, additional to list prices of the knobs.
Packed, $\frac{1}{4}$ dozen pairs in a paper box, with roses and screws, complete.

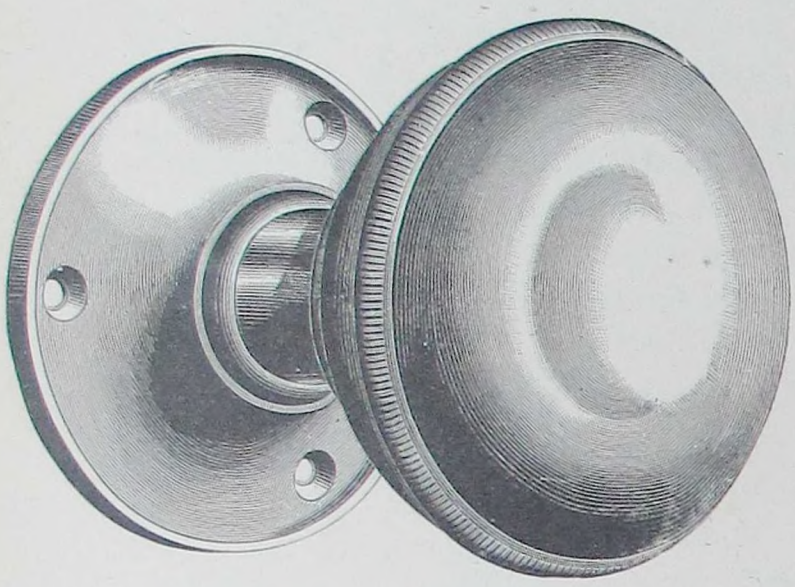
No.	Size of Knobs.	Style.	Per Pair.
1	2½ × 2½ inch.	Ornamental Bronze.	
1½	2½ × 2¼ inch.	Ornamental Bronze.	
2	2¼ × 2¼ inch.	Ornamental Bronze.	
3	2½ × 2½ inch.	Ornamental Bronze.	
3½	2½ × 2¼ inch.	Ornamental Bronze.	
4	2¼ × 2¼ inch.	Ornamental Bronze.	
5 P	2½ × 2½ inch.	Ornamental Bronze.	
5½ P	2½ × 2¼ inch.	Ornamental Bronze.	
6 P	2¼ × 2¼ inch.	Ornamental Bronze.	
7	2½ × 2½ inch.	Ornamental Bronze.	
7½	2½ × 2¼ inch.	Ornamental Bronze.	
8	2¼ × 2¼ inch.	Ornamental Bronze.	
11	2½ × 2½ inch.	Ornamental Bronze.	
11½	2½ × 2¼ inch.	Ornamental Bronze.	
12	2¼ × 2¼ inch.	Ornamental Bronze.	
13 P	3 × 2 by 3 × 2 inch.	Plain Bronze, Oval.	
13½ P	3 × 2 by 2½ × 1¾ inch.	Plain Bronze, Oval.	
14 P	2½ × 1¾ by 2½ × 1¾ inch.	Plain Bronze, Oval.	
15 P	2½ × 2½ inch.	Plain Bronze.	
15½ P	2½ × 2¼ inch.	Plain Bronze.	
16 P	2¼ × 2¼ inch.	Plain Bronze.	
17 P	3 × 2 by 3 × 2 inch.	Plain Bronze, Egg Shape.	
17½ P	3 × 2 by 2½ × 1¾ inch.	Plain Bronze, Egg Shape.	
18 P	2½ × 1¾ by 2½ × 1¾ inch.	Plain Bronze, Egg Shape.	
19	2½ × 2½ inch.	Plain Bronze.	
19½	2½ × 2¼ inch.	Plain Bronze.	
20	2¼ × 2¼ inch.	Plain Bronze.	
21	2½ × 2½ inch.	Ornamental Bronze.	
21½	2½ × 2¼ inch.	Ornamental Bronze.	
22	2¼ × 2¼ inch.	Ornamental Bronze.	
23 P	2½ × 2½ inch.	Plain Bronze.	
23½ P	2½ × 2¼ inch.	Plain Bronze.	
24 P	2¼ × 2¼ inch.	Plain Bronze.	
25	3 × 3 inch.	Ornamental Bronze.	

For Closet Knobs, see page 324.
For Wood Door Knobs, see pages 312 and 313.
For Bell Pulls, see pages 332 to 335.
For Wood Closet Knobs, see page 326.

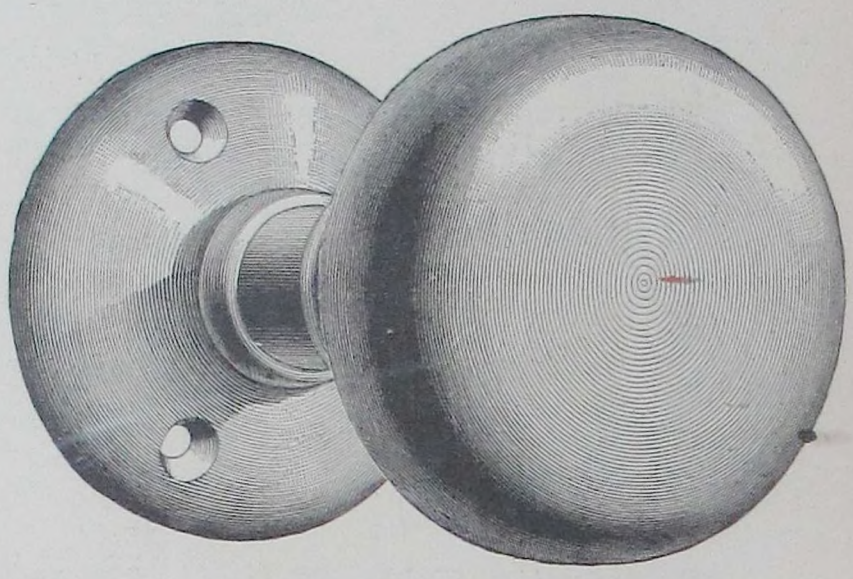
LIST OF REAL BRONZE OR BRASS DOOR KNOBS. (Continued.)

No.	Size of Knobs.	Style.	Per Pair.
33	2½ × 2½ inch.	Ornamental Bronze.	
33½	2½ × 2¼ inch.	Ornamental Bronze.	
34	2¼ × 2¼ inch.	Ornamental Bronze.	
47	2½ × 2½ inch.	Ornamental Bronze.	
47½	2½ × 2¼ inch.	Ornamental Bronze.	
48	2¼ × 2¼ inch.	Ornamental Bronze.	
53	2½ × 2½ inch.	Ornamental Bronze.	
55 P	2½ × 2½ inch.	Plain Bronze.	
55½ P	2½ × 2¼ inch.	Plain Bronze.	
56 P	2¼ × 2¼ inch.	Plain Bronze.	
58	2¾ × 2¾ inch.	Plain Bronze, Snail Design.	
67	2½ × 2½ inch.	Ornamental Bronze.	
67½	2½ × 2¼ inch.	Ornamental Bronze.	
68	2¼ × 2¼ inch.	Ornamental Bronze.	
71	3 × 2 by 3 × 2 inch.	Plain Bronze, Oval, Fluted.	
71½	3 × 2 by 2½ × 1¾ inch.	Plain Bronze, Oval, Fluted.	
72	2½ × 1¾ by 2½ × 1¾ inch.	Plain Bronze, Oval, Fluted.	
73	2½ × 2½ inch.	Ornamental Bronze.	
73½	2½ × 2¼ inch.	Ornamental Bronze.	
74	2¼ × 2¼ inch.	Ornamental Bronze.	
75	2½ × 2½ inch.	Ornamental Bronze.	
75½	2½ × 2¼ inch.	Ornamental Bronze.	
76	2¼ × 2¼ inch.	Ornamental Bronze.	
77	3 × 2 by 3 × 2 inch.	Plain Bronze, Oval, Fluted.	
77½	3 × 2 by 2½ × 1¾ inch.	Plain Bronze, Oval, Fluted.	
78	2½ × 1¾ by 2½ × 1¾ inch.	Plain Bronze, Oval, Fluted.	
77 L	3 × 2 by 3 × 2 inch.	Plain Bronze, Oval, Fluted.	
77½ L	3 × 2 by 2½ × 1¾ inch.	Plain Bronze, Oval, Fluted.	
78 L	2½ × 1¾ by 2½ × 1¾ inch.	Plain Bronze, Oval, Fluted.	
85 P	2½ × 2½ inch.	Plain Bronze.	
85½ P	2½ × 2¼ inch.	Plain Bronze.	
86 P	2¼ × 2¼ inch.	Plain Bronze.	
87	2½ × 2½ inch.	Plain Bronze, Concentric.	
87½	2½ × 2¼ inch.	Plain Bronze, Concentric.	
88	2¼ × 2¼ inch.	Plain Bronze, Concentric.	
89	2½ × 2½ inch.	Plain Bronze, Concentric.	
91	2½ × 2½ inch.	Plain Bronze, Fluted.	
91½	2½ × 2¼ inch.	Plain Bronze, Fluted.	
92	2¼ × 2¼ inch.	Plain Bronze, Fluted.	
91 S	2½ × 2½ inch.	Plain Bronze, Spiral.	
91½ S	2½ × 2¼ inch.	Plain Bronze, Spiral.	
92 S	2¼ × 2¼ inch.	Plain Bronze, Spiral.	
95	3¾ × 2¼ inch.	Ornamental Bronze, Oval.	
97	2½ × 2½ inch.	Plain Bronze, Fluted.	
97½	2½ × 2¼ inch.	Plain Bronze, Fluted.	
98	2¼ × 2¼ inch.	Plain Bronze, Fluted.	
97 L	2½ × 2½ inch.	Plain Bronze, Fluted.	
97½ L	2½ × 2¼ inch.	Plain Bronze, Fluted.	
98 L	2¼ × 2¼ inch.	Plain Bronze, Fluted.	

Also furnished in Brass, if so ordered, at same prices. For Door Knobs in **Rustless Iron, Bower-Barff finish**, see page 308.



No. 6P.



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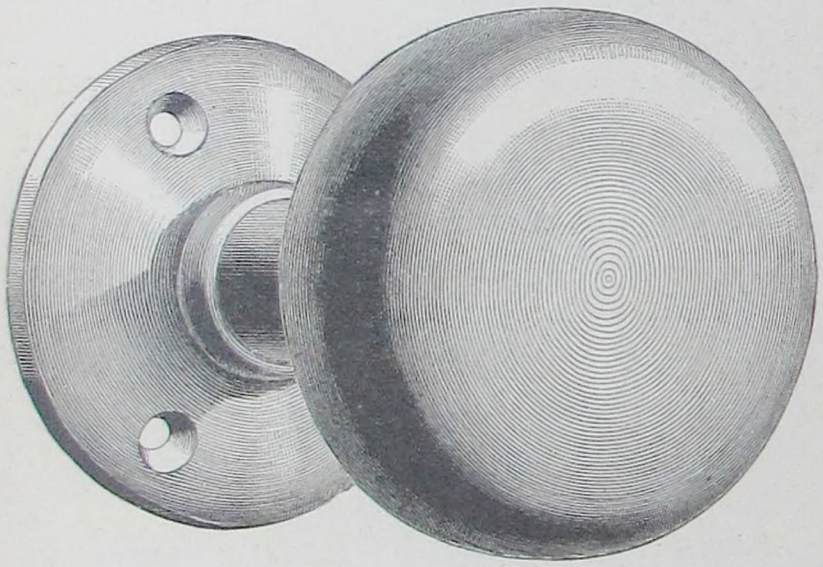

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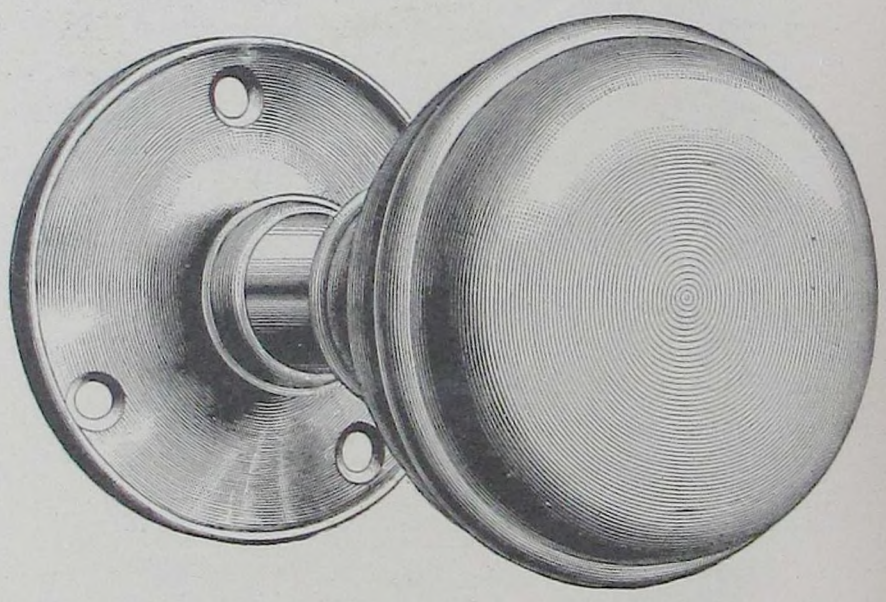
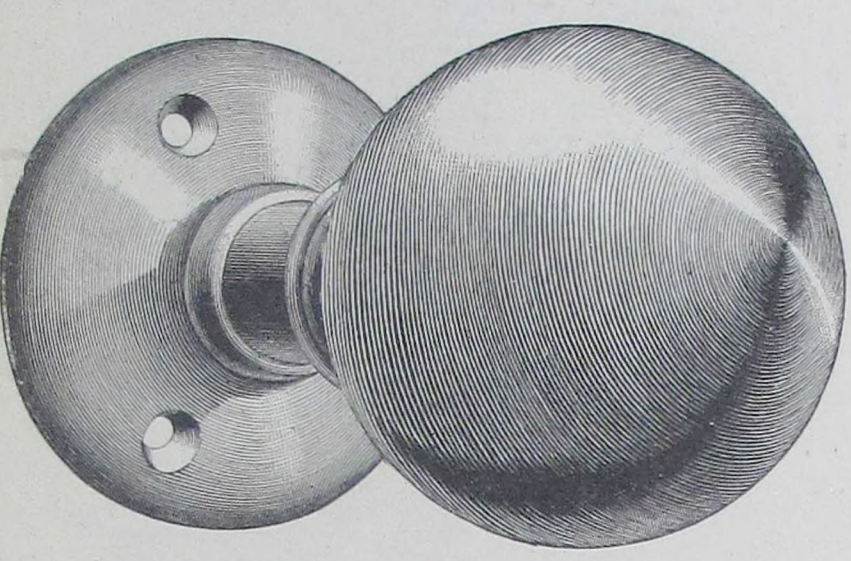


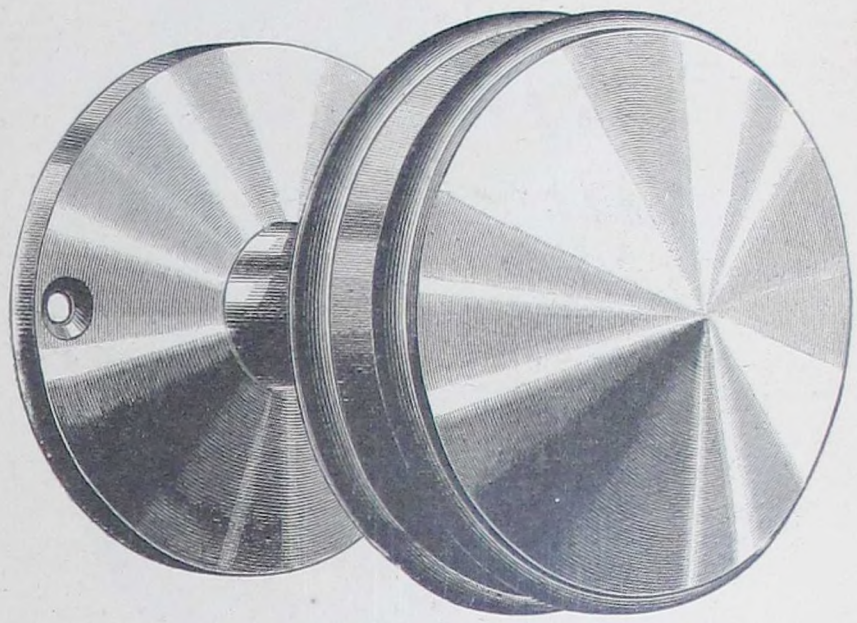
No. 24P.

REAL BRONZE OR BRASS DOOR KNOBS.

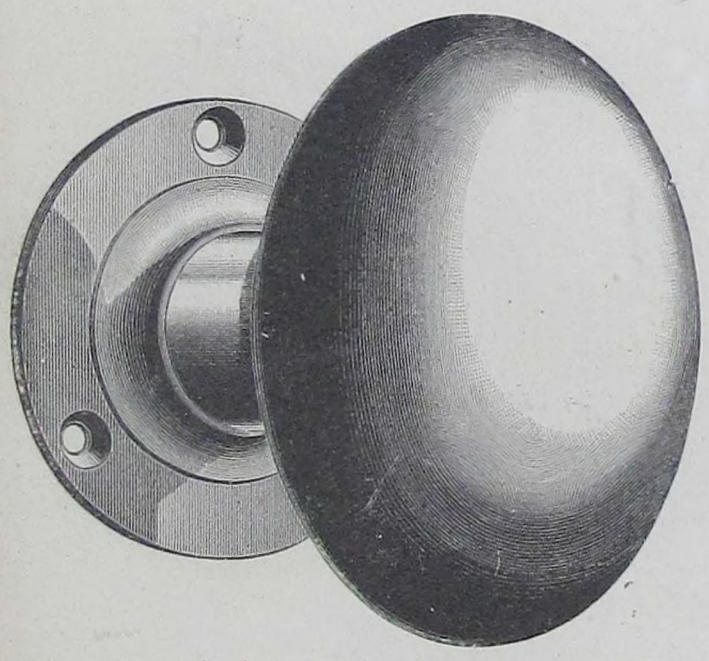
(For description, see page 314.)



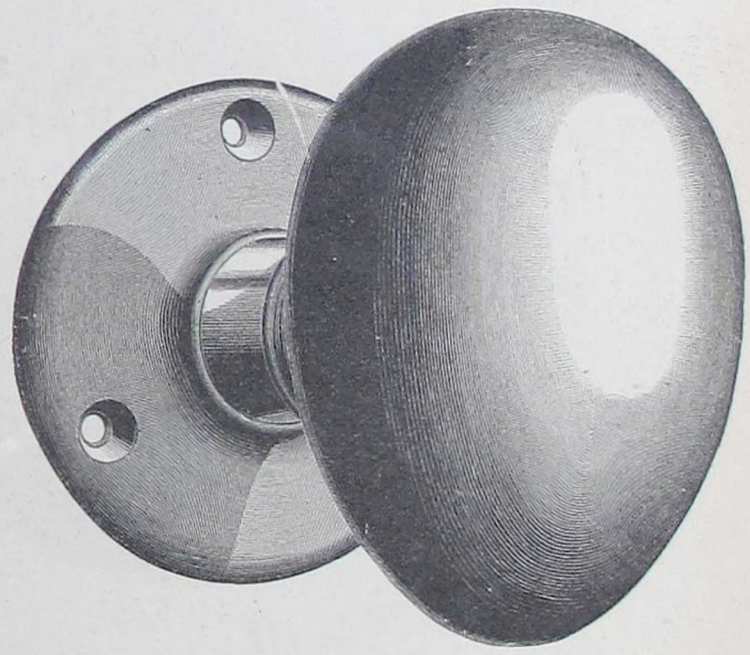
No. 86P.



No. 20.



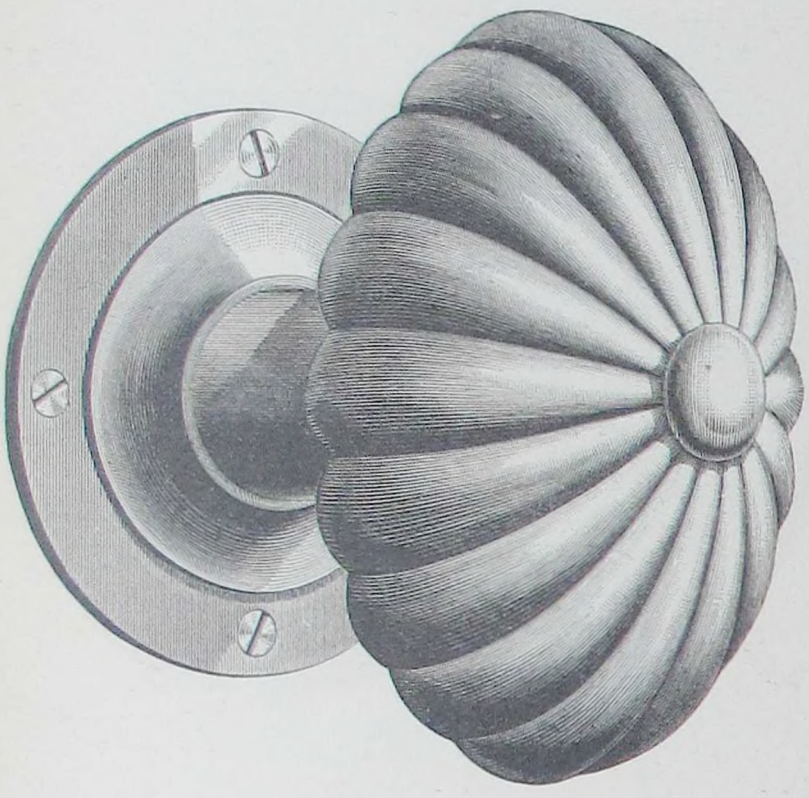
No. 14P.
(Oval Pattern.)



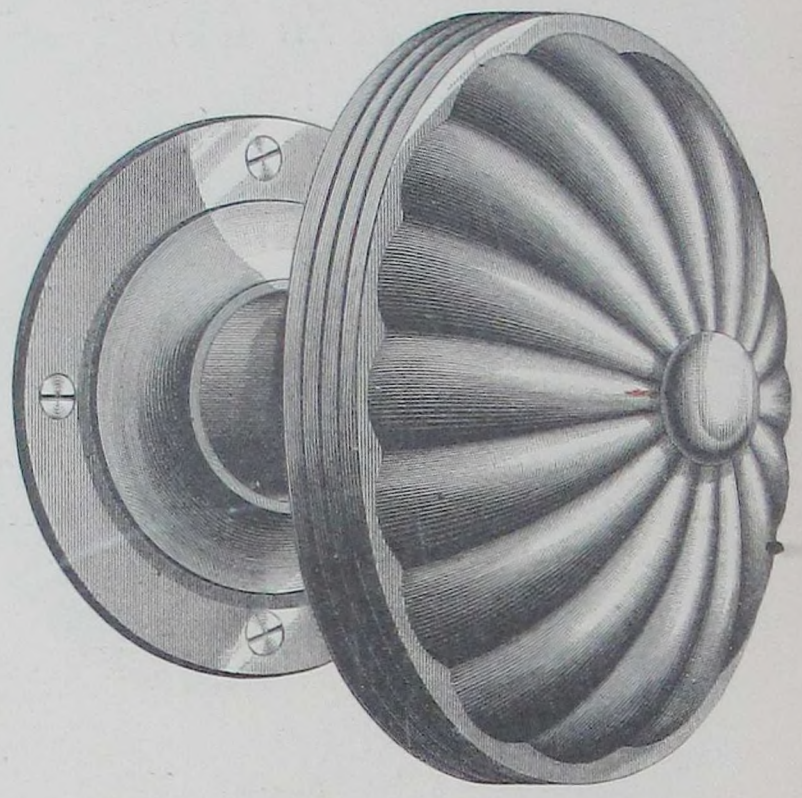
No. 18P.
(Egg Pattern.)

REAL BRONZE OR BRASS DOOR KNOBS.

(For description, see page 314.)

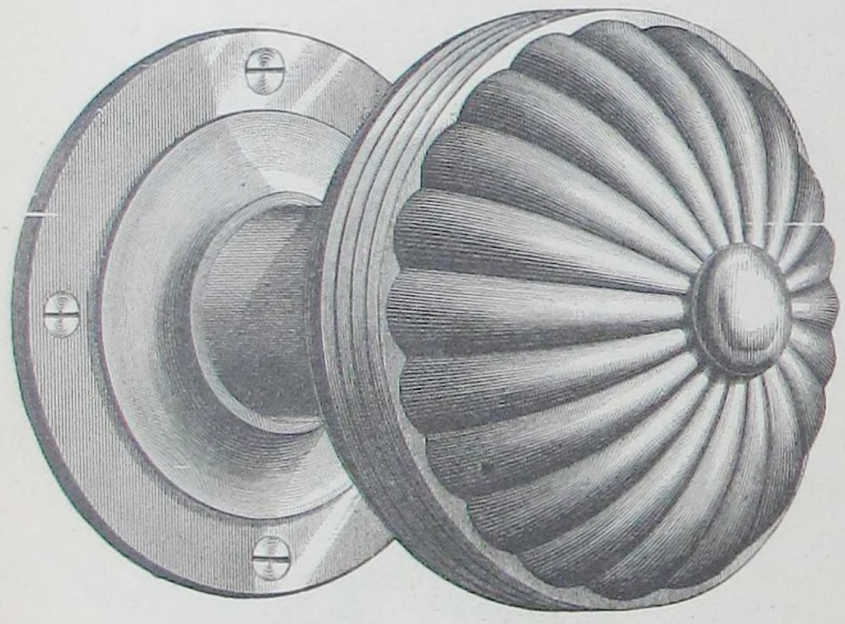


No. 71.
(Oval, Fluted.)



No. 77L.
(Oval, Fluted.)

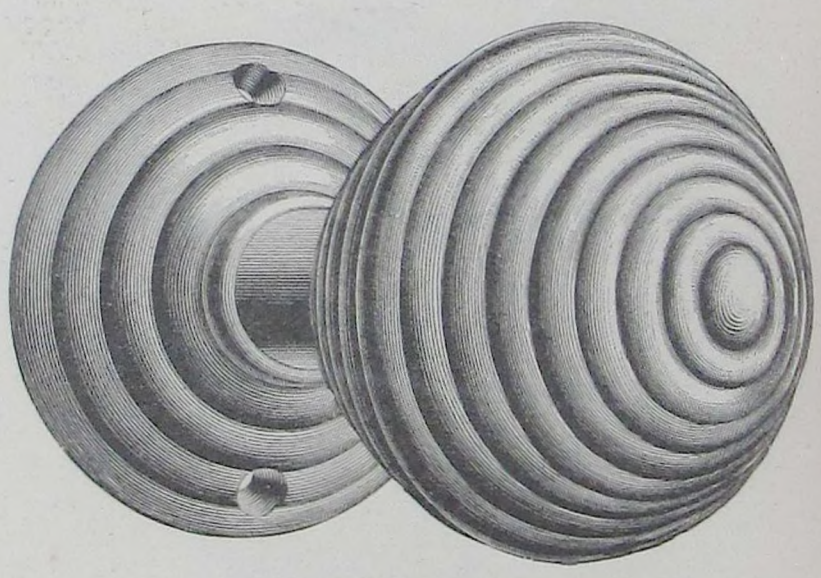
{No. 77 differs from No. 77L only in omission of lines in band around the Knob.}



No. 97L.
(Round, Fluted.)

{No. 97 differs from 97L only in omission of lines in band around the knob.}

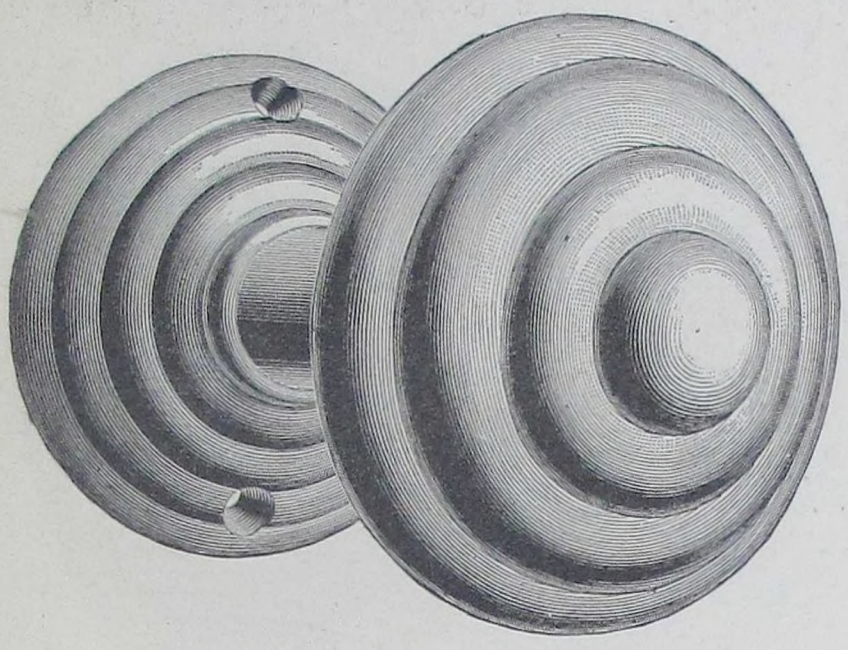
{No. 91 differs from No. 97L only in having no band around the knob as in No. 71 above.}



No. 88.

REAL BRONZE OR BRASS DOOR KNOBS.

(For description, see page 314.)



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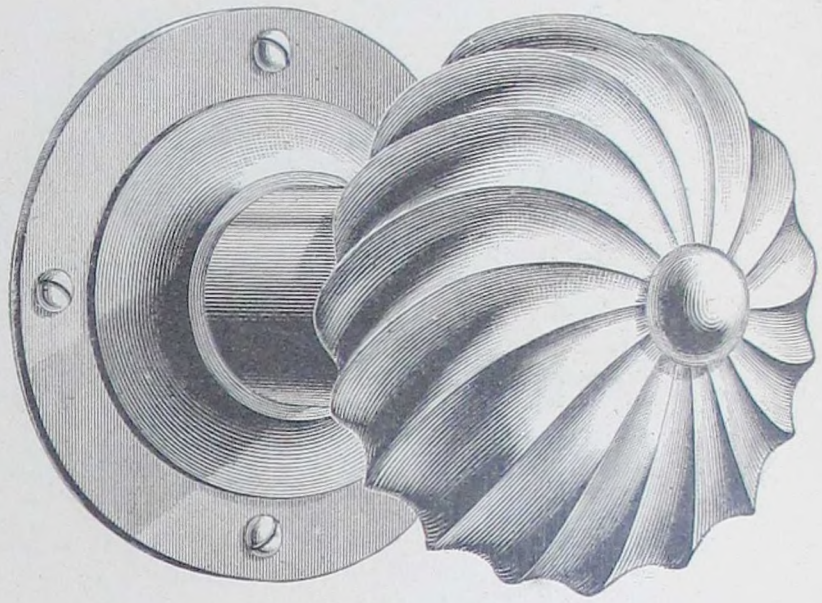
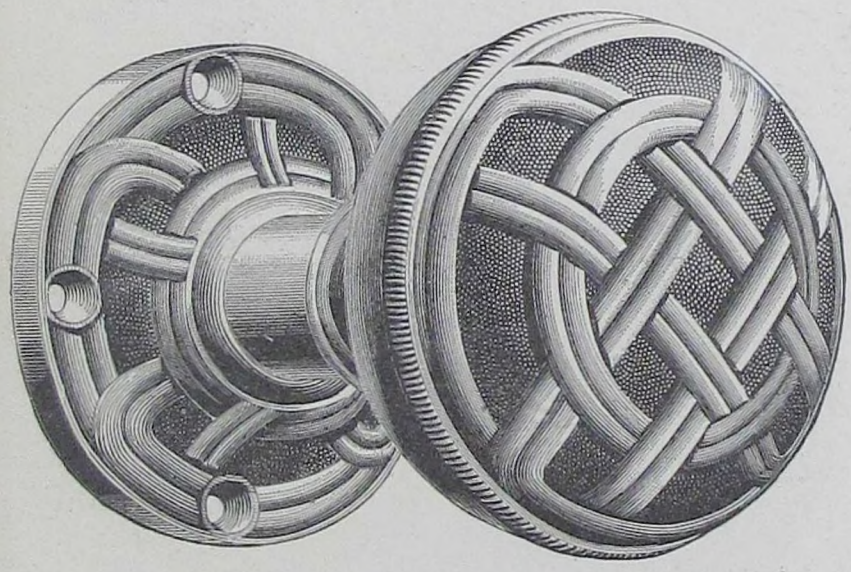


No. 91 S.



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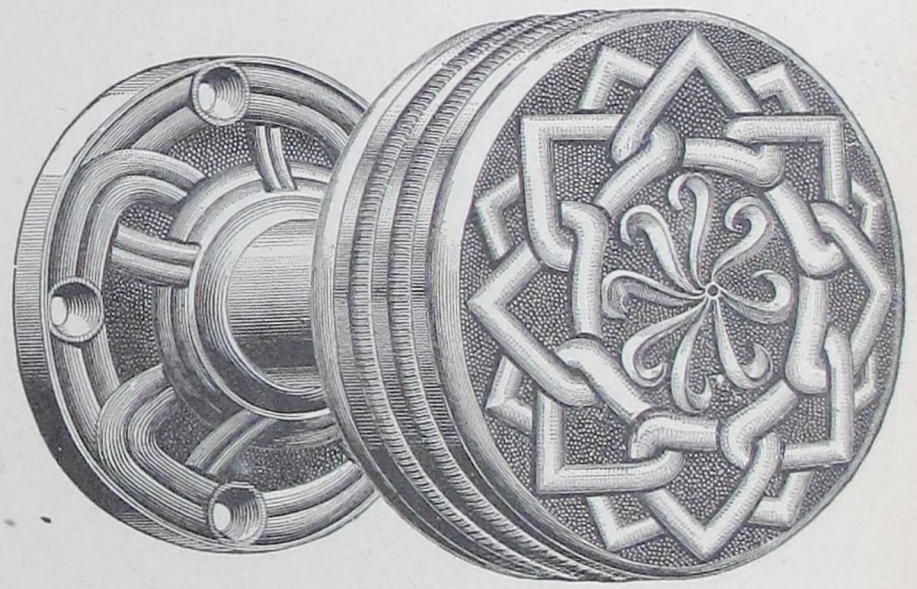
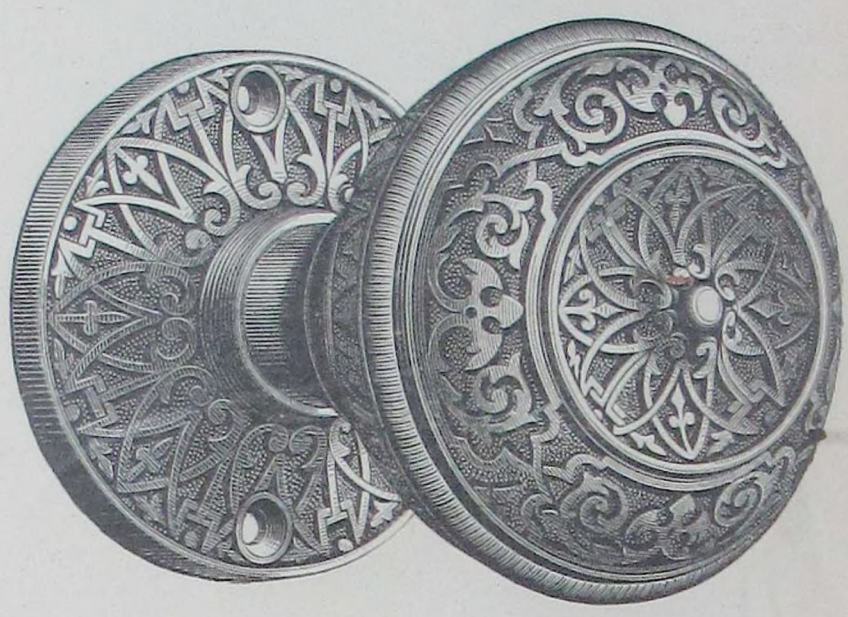


No. 74.

REAL BRONZE OR BRASS DOOR KNOBS.

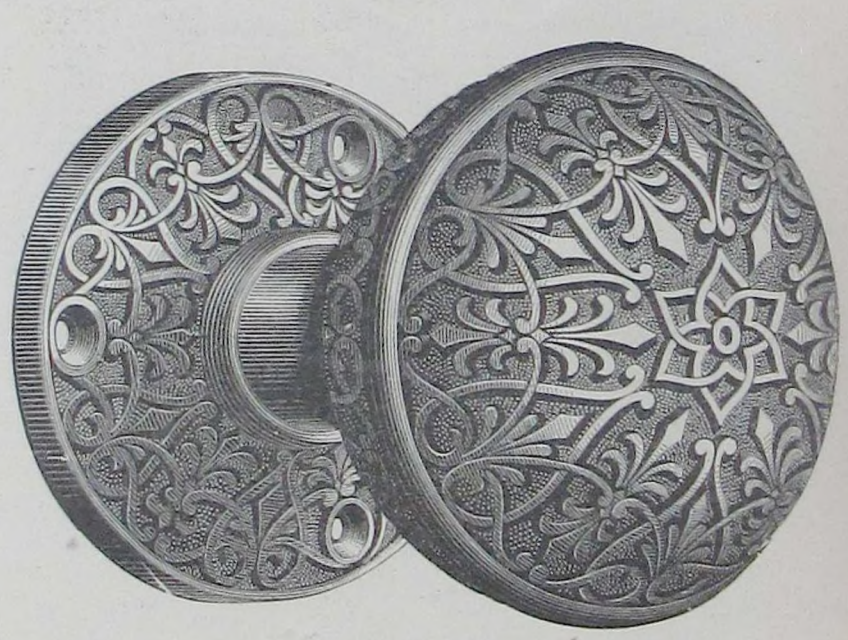
(For description, see page 314.)

No. 2.



No. 4.

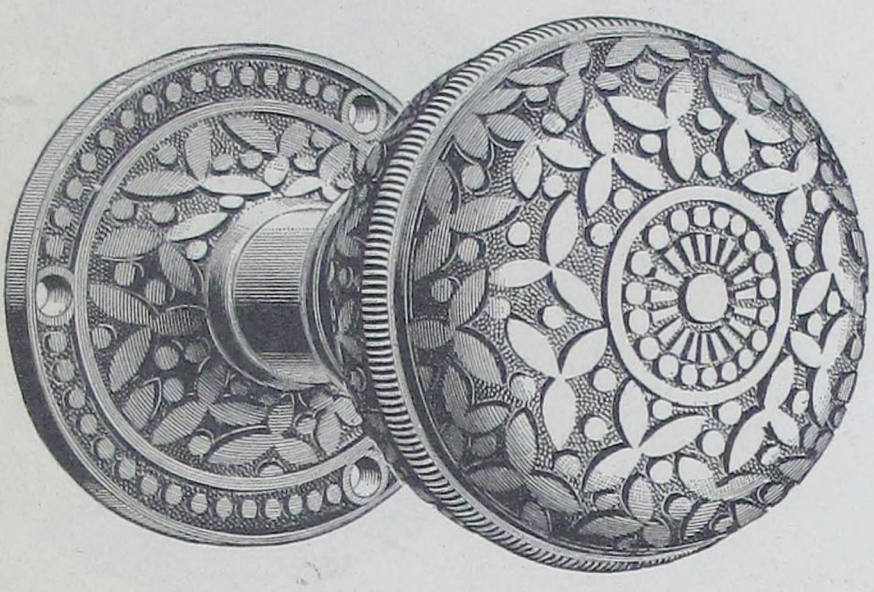
No. 8.



No. 12.

REAL BRONZE OR BRASS DOOR KNOBS.

(For description, see page 314.)



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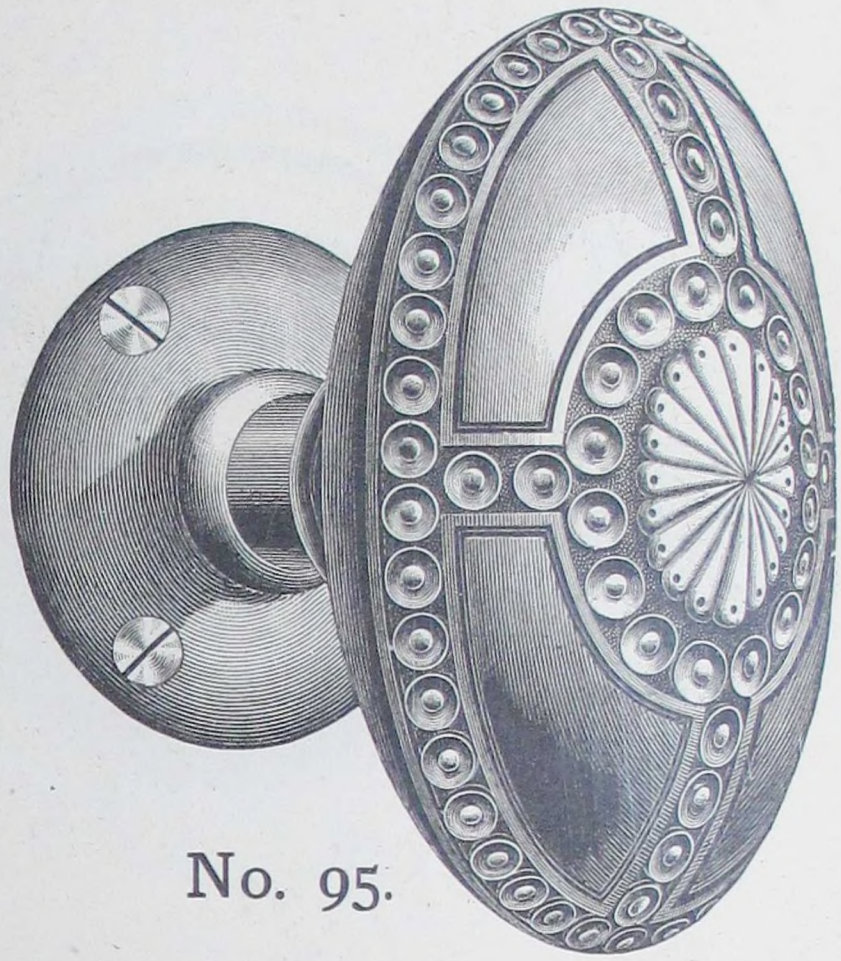

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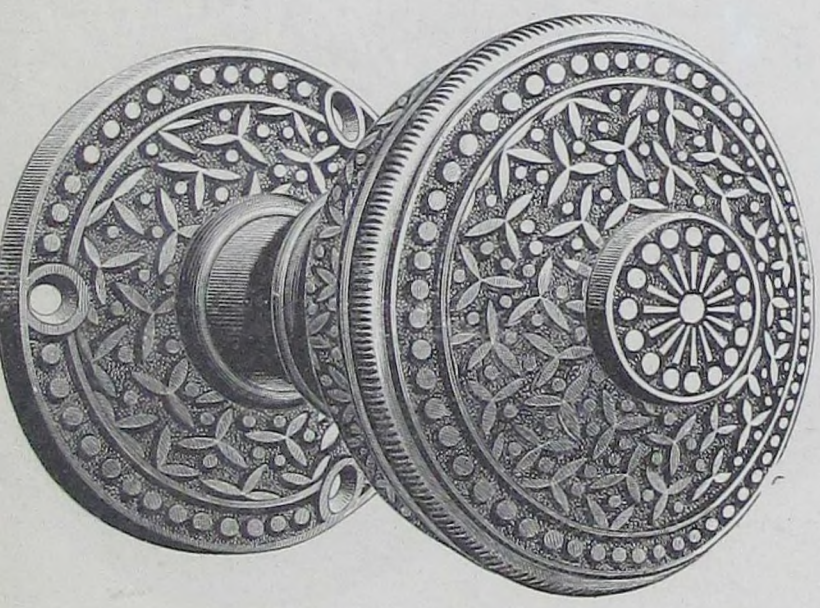

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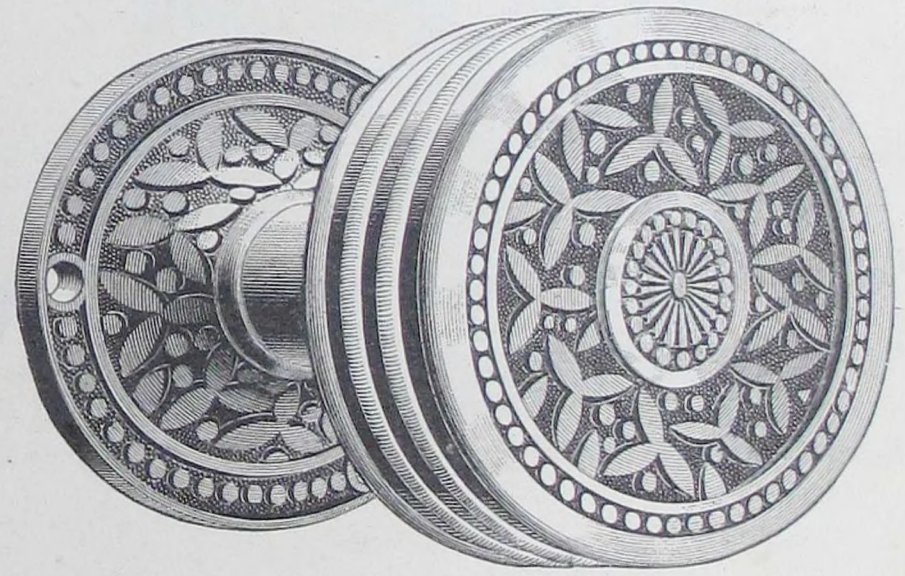
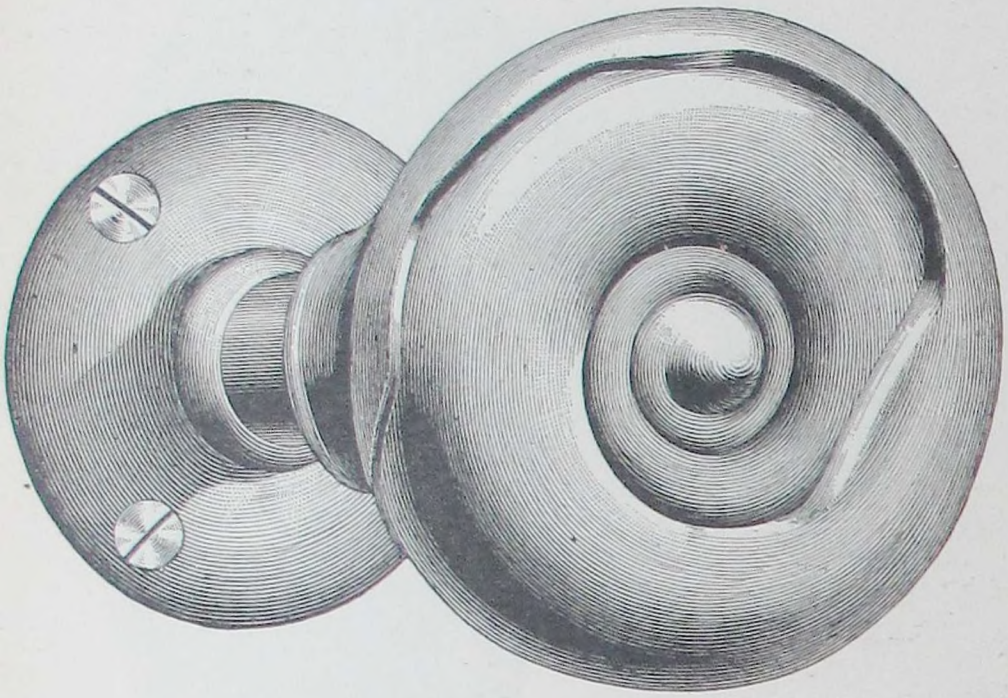


No. 76.

REAL BRONZE OR BRASS DOOR KNOBS.

For description, see page 314.



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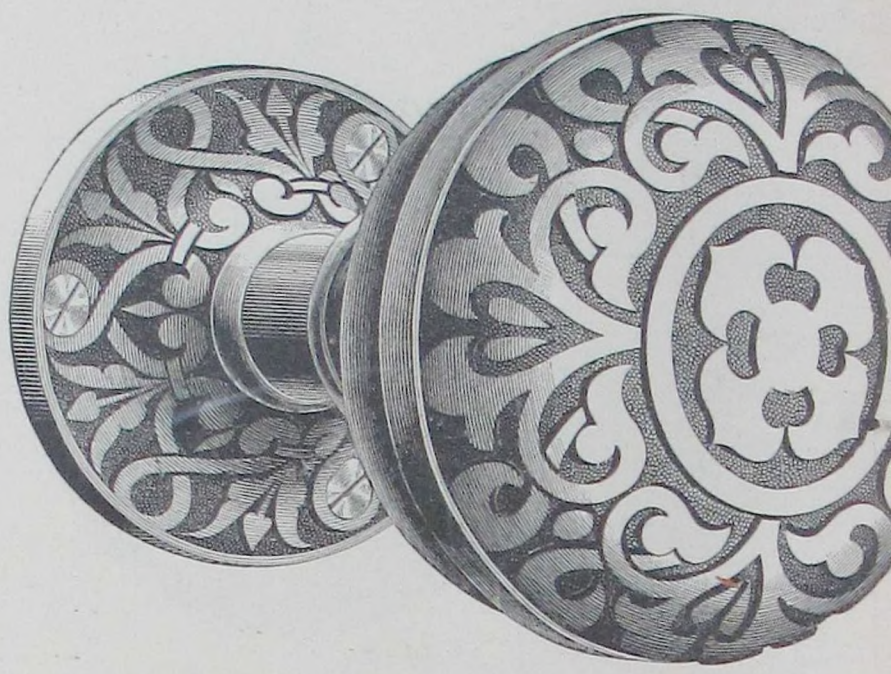

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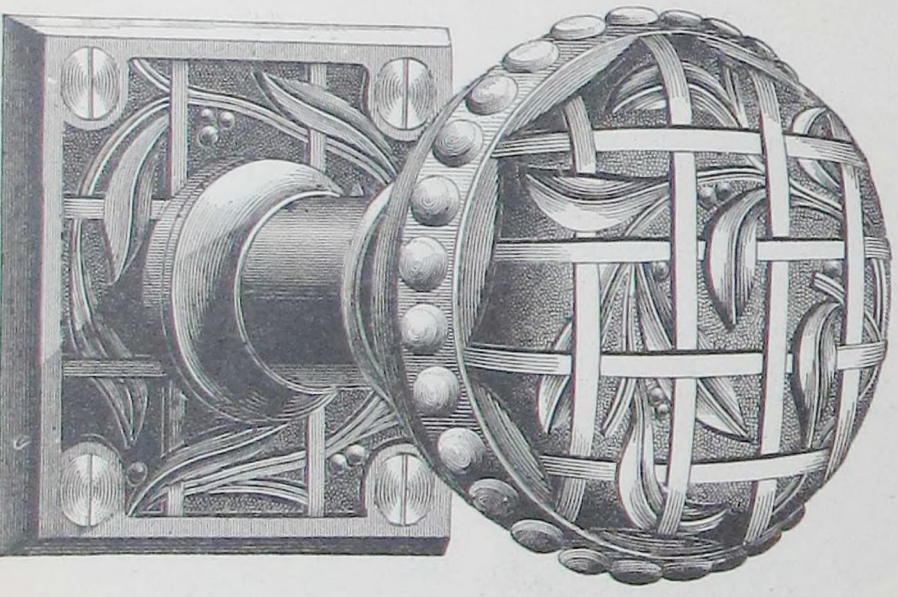

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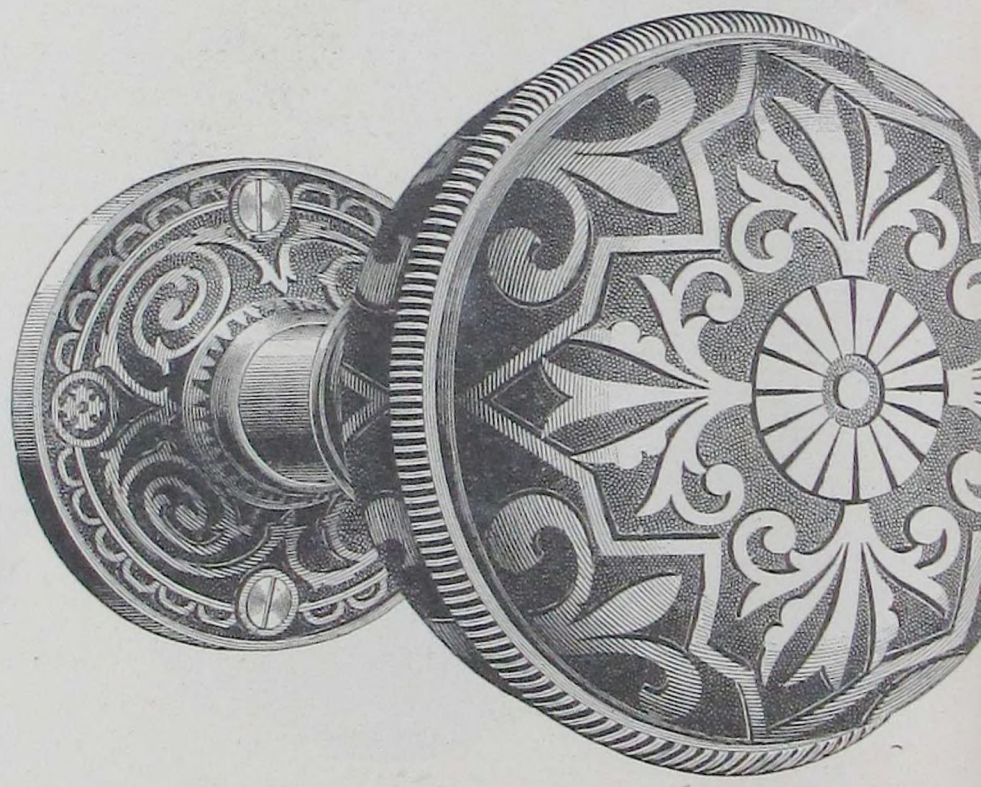


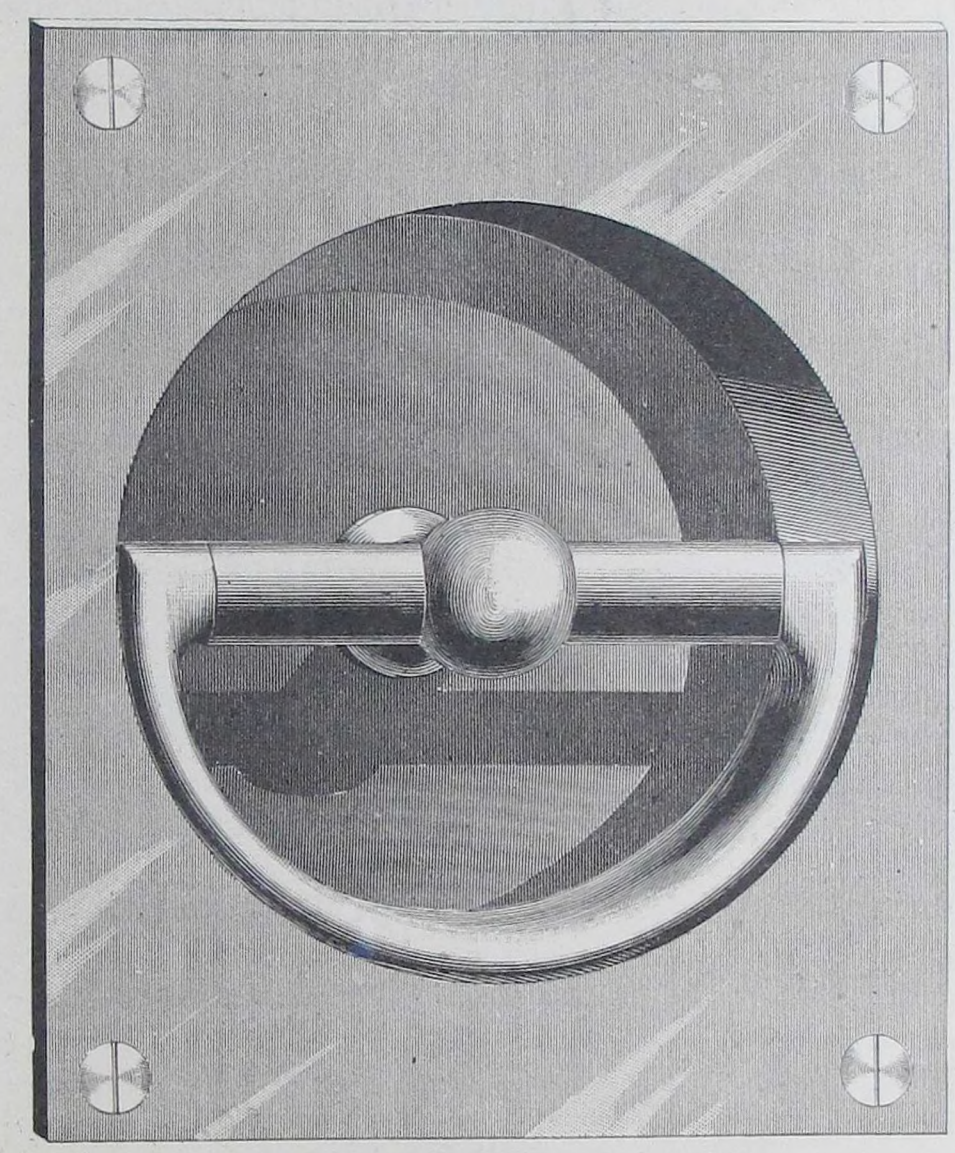
No. 25.

REAL BRONZE OR BRASS DOOR KNOBS.

(For description, see page 314.)

REAL BRONZE or BRASS

CUP ESCUTCHEON PULLS.



No. 800P.

(4¼ inches by 3½ inches.)

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, ½ dozen pulls in a paper box, with screws complete.

No.	Size.	Style.	Per Dozen.
800P	8 inches by 4¾ inches.	Plain Bronze.	
800P	4¼ inches by 3½ inches.	Plain Bronze.	
800P	3½ inches by 3½ inches.	Plain Bronze.	

When ordering give **number** and **size.**

Furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

REAL BRONZE or BRASS

CLOSET KNOBS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, ⅙ dozen in a paper box, with screws, complete.

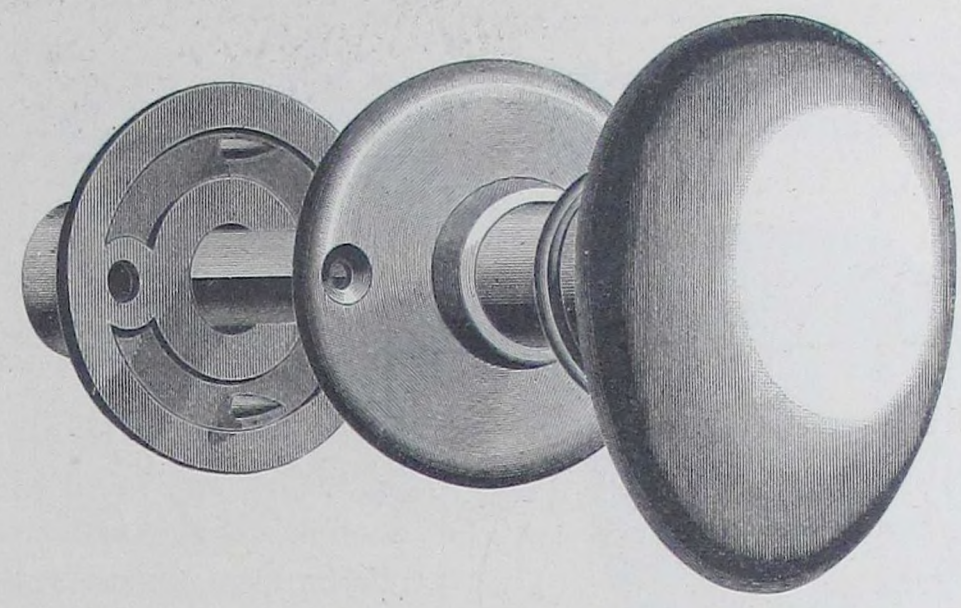
No.	Size of Knobs.	Design.	With Closet Spindle. Each.
1001	2 inches.	As Knob No. 2, page 320.	
1003	2 inches.	As Knob No. 4, page 320	
1005P	2 inches.	As Knob No. 6P, page 316.	
1007	1⅞ inches.	As Knob No. 8, page 320.	
1011	1¾ inches.	As Knob No. 12, page 320.	
1013P	2¼ inches by 1½ inches.	As Knob No. 14P, page 317.	
1015P	2 inches.	As Knob No. 16P, page 316.	
1017P	2¼ inches by 1½ inches.	Shown on opposite page.	
1019	2 inches.	Shown on opposite page.	
1021	1¾ inches.	As Knob No. 22, page 321.	
1023P	2 inches.	As Knob No. 24P, page 316.	
1026	1¾ inches.	As Knob No. 26, page 311	
1026P	1¾ inches.	As Knob No. 26P, page 311.	
1027P	1¾ inches.	As Knob No. 27P, page 311.	
1028	1¾ inches.	As Knob No. 28, page 311.	
1028P	1¾ inches.	As Knob No. 28P, page 311.	
1029P	1¾ inches.	As Knob No. 29P, page 311.	
1033	2 inches.	As Knob No. 34, page 321.	
1047	1¾ inches.	As Knob No. 48, page 322.	
1055P	1¾ inches.	As Knob No. 56P, page 316.	
1067	1¾ inches.	As Knob No. 68, page 319.	
1071	2 inches by 1½ inches.	As Knob No. 71, page 318.	
1073	1⅞ inches.	As Knob No. 74, page 318	
1075	2 inches.	As Knob No. 76, page 321.	
1077	2 inches by 1½ inches.	As Knob No. 77L, page 318.	
1077L	2 inches by 1½ inches.	As Knob No. 77L, page 318.	
1085P	2 inches.	As Knob No. 86P, page 317.	
1087	2 inches.	As Knob No. 88, page 318.	
1091	2 inches.	As Knob No. 91, page 318.	
1091S	1¾ inches.	As Knob No. 91S, page 319.	
1097	2 inches.	As Knob No. 97, page 318.	
1097L	2 inches.	As Knob No. 97L, page 318.	

Furnished also in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

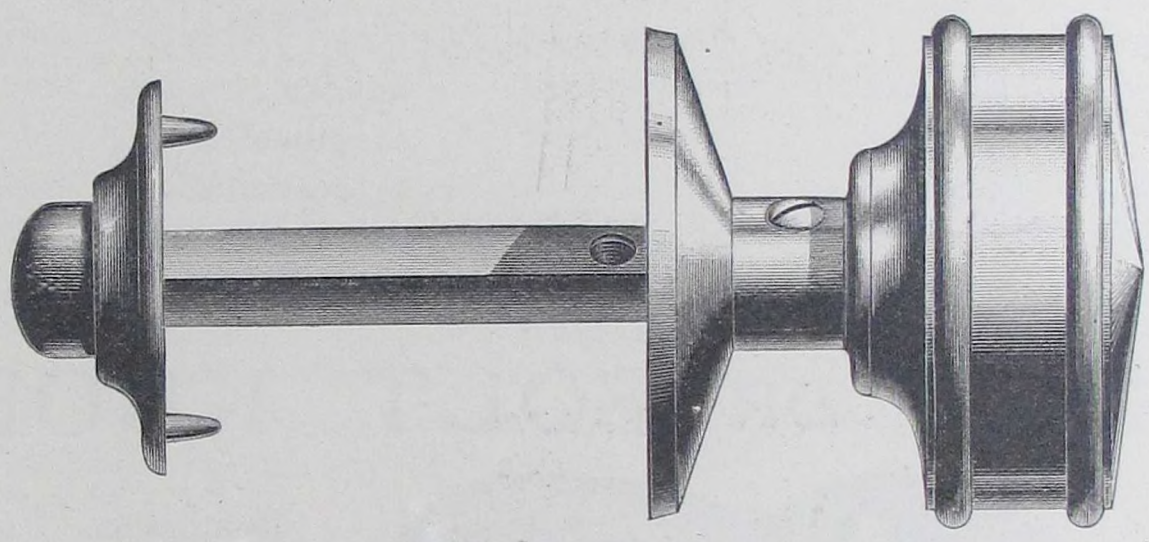
Mortise Latch or Bolt Knobs. When above knobs are desired for use as Mortise Latch or Bolt Knobs, (see page 327), order by Nos. 2101, 2103, etc.

Pairs. The above knobs can be furnished in pairs, if so specified in order, at double the price for knob with closet spindle.

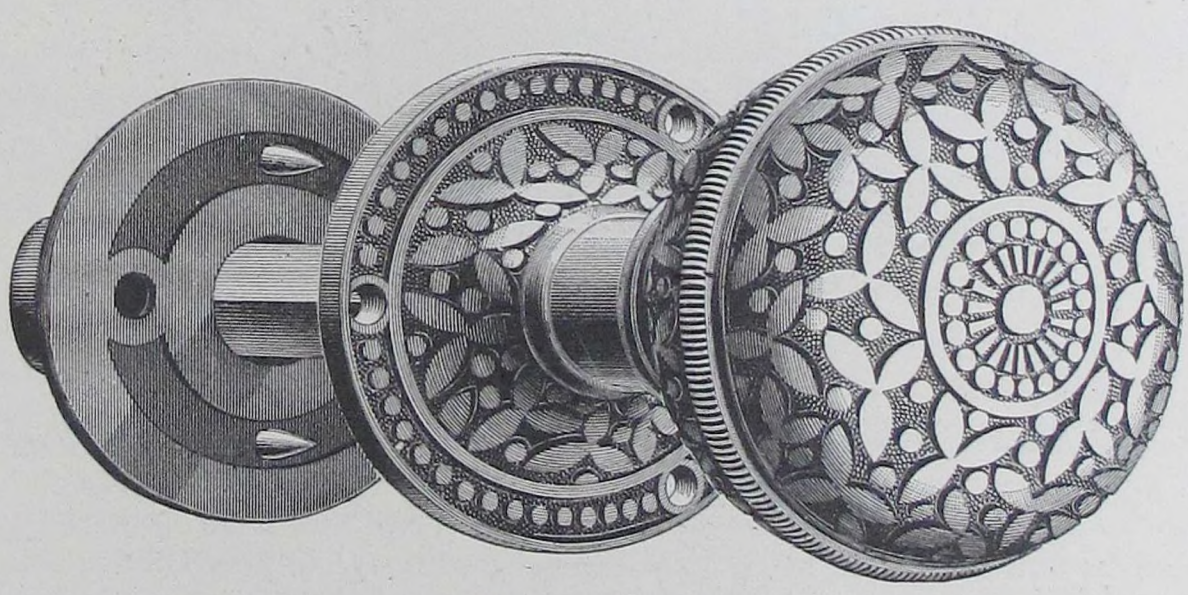
For Wood Closet Knobs, see page 326.



No. 1017P.



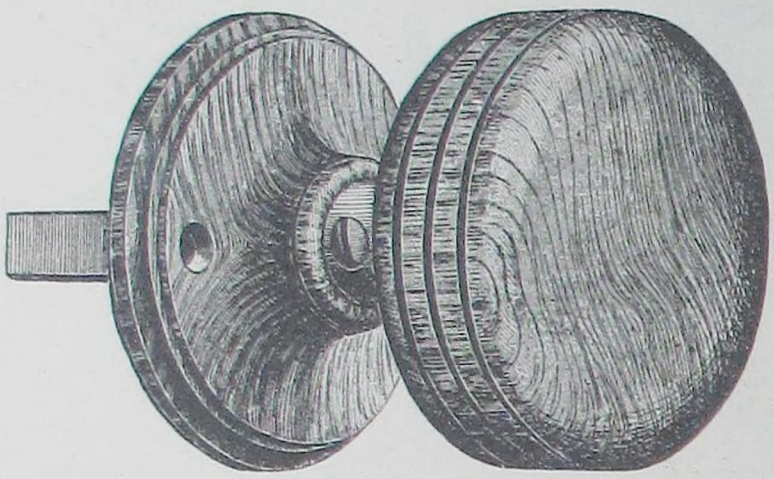
No. 1019.



No. 1033.

REAL BRONZE OR BRASS CLOSET KNOBS, Nos. 1001 to 1097L.

WOOD
CLOSET KNOBS.



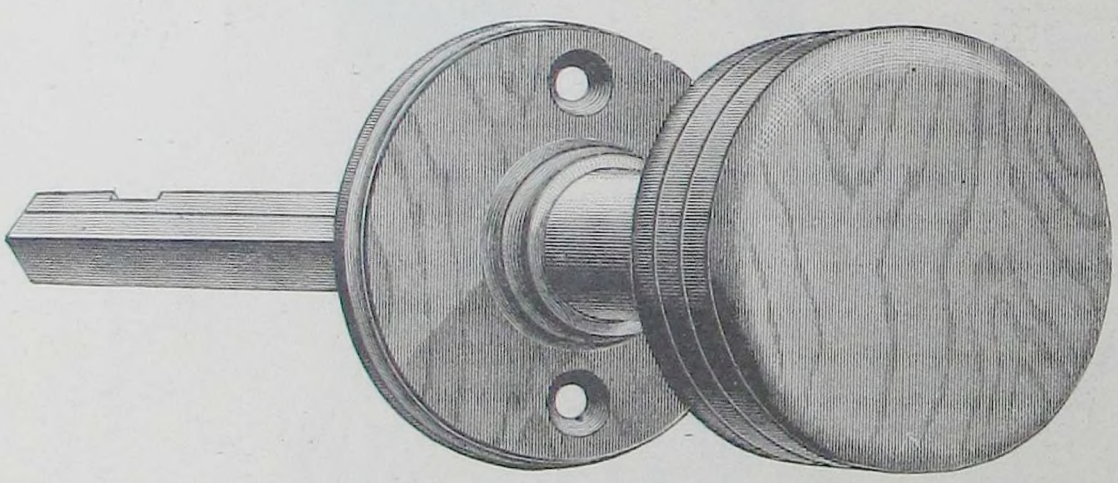
Description. These knobs are similar in size pattern, construction and finish to the Door Knobs, described on page 312, No. 201 as No. 101, 216 as No. 116, and No. 205 as No. 105.

Wood. Made regularly in Ash, Oak, Apple, Walnut, Maple, Cherry and stained Mahogany, but can be furnished in any kind of wood, to match any particular trim, on special order, at slightly increased cost.

Packed, 1 dozen knobs in a paper box, with closet spindle and screws, complete.

No.	Size.	Wood.	Per Dozen.
201	2¼ inches.	As specified above.	
216	2¼ inches.	As specified above.	
205	2¼ inches.	As specified above.	

WOOD MORTISE
LATCH OR BOLT KNOBS.



Description. These knobs are similar in design to the door knobs described page 312, differing only in size, and are intended for use with Mortise Night Latches, and also with Mortise Knob Bolts, when knob on one side of door only is required.

Packed, 2 dozen in a paper box, complete, each knob with short spindle.

No.	Size.	Shank.	Wood.	Per Dozen.
217	1¾ inches.	Bronze.	As specified above for Closet Knobs.	
218	1¾ inches.	Wood.		

Pairs. Mortise Latch or Bolt Knobs can be furnished in pairs with regular door knob spindle, if so specified in order, at double the price for knob with spindle shown in illustration.

Spindles. Square spindles, $\frac{5}{16}$ inch, are furnished with all of above knobs. When Mortise Latch or Bolt Knobs are desired for Yale Mortise Night Latches, so specify in order.

For Wood Door Knobs, see pages 312 and 313.

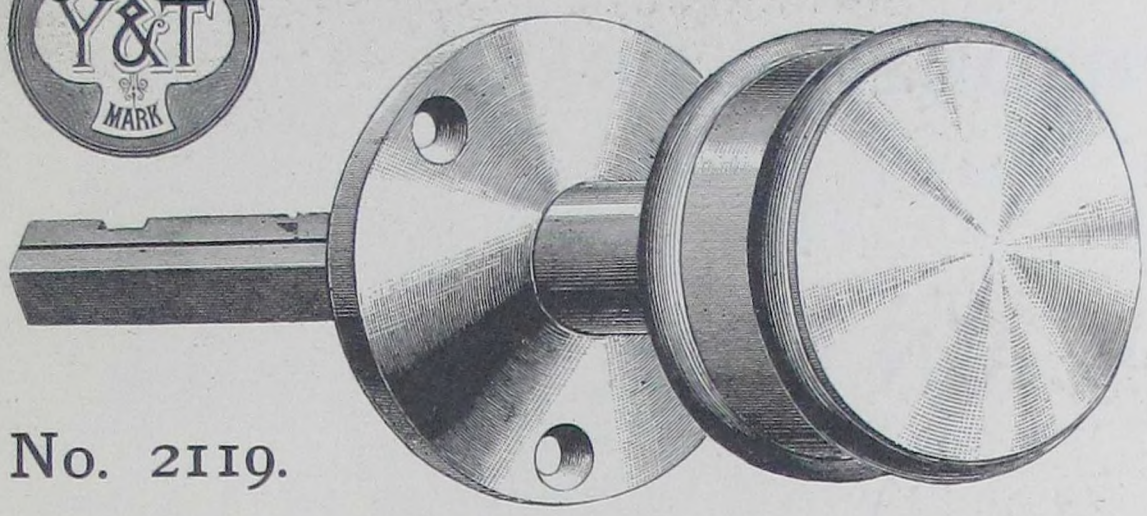
For Wood Drawer and Shutter Knobs and Drawer Pulls, see page 461.

For Wood Door Stops, see page 462.

For Wood Key Plates, see page 341.

REAL BRONZE or BRASS

MORTISE LATCH OR BOLT KNOBS.



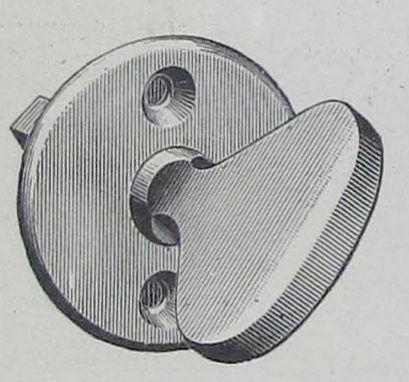
No. 2119.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, ½ dozen in a paper box, complete, with screws.

No.	Size of Knobs.	Style of Knob.	Shank and Rose.	Design.	Each.
2105P	1¾ inches.	Plain, Nickel-Plated.	Nickel-Plated.	As No. 6P Knob, p 316	
2107	1⅞ inches.	Ornamental Bronze.	Ornamental Bronze.	As No. 8 Knob, p 320	
2115P	1¾ inches.	Plain Bronze.	Plain Bronze.	As No. 16P Knob, p 316	
2119	1¾ inches.	Plain Bronze.	Plain Bronze.	Shown above.	
2126P	1¾ inches.	Ebony.	Plain Bronze.	As No. 26P Knob, p 311	
2128	1¾ inches.	Porcelain.	Ornamental Bronze.	As No. 28 Knob, p 311	
2129P	1¾ inches.	Porcelain.	Nickel-Plated.	As No. 28P Knob, p 311	

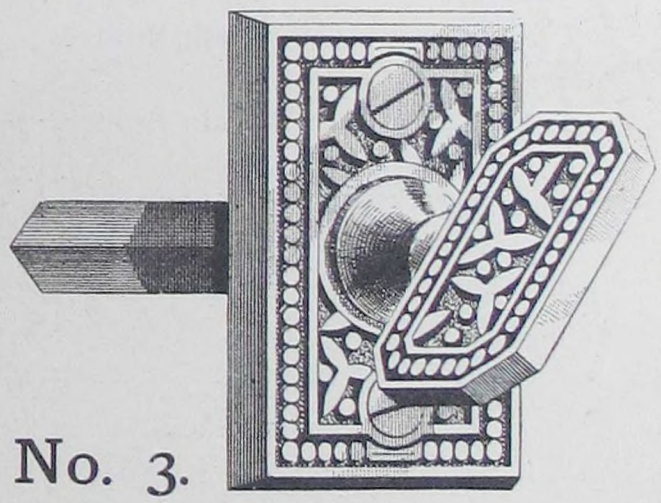
Mortise Latch or Bolt Knobs. Any of the Closet Knobs, listed on page 324, can be spindled for Mortise Latch or Bolt Knobs, at same prices as for Closet Knobs.

THUMB PIECES.



No. 1.

No. 2.



No. 3.

Finish, as above.

Packed, 1 dozen in a paper box, with screws, complete.

No.	Style.	Each.
1	Plain Bronze.	
2	Ornamental Bronze.	
3	Ornamental Bronze.	
3P	Plain Bronze.	

All of above goods furnished also in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

REAL BRONZE or BRASS

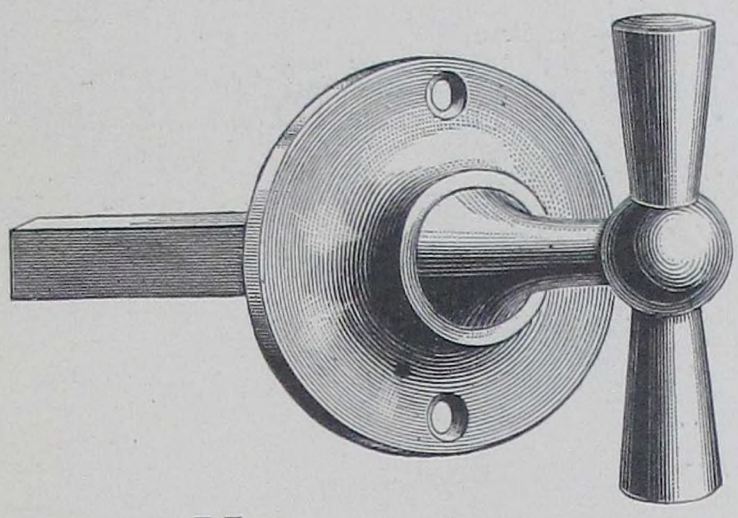
T HANDLES.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

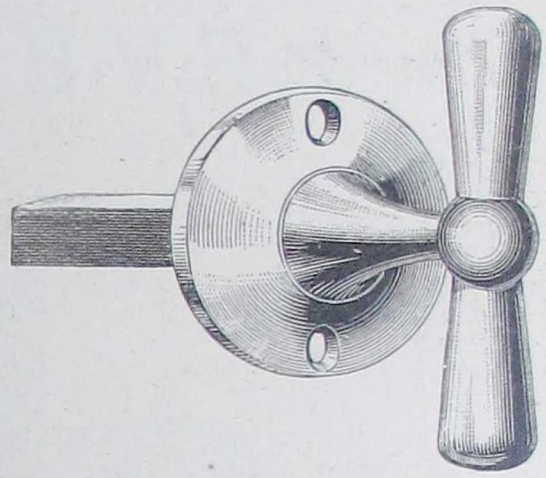
Packed, ½ dozen in a paper box, with screws, complete.

No.	Style.	Design.	Per Dozen.
7	Plain Bronze.	Shown on opposite page.	
8	Plain Bronze.	Shown on opposite page.	
9	Plain Bronze.	Shown on opposite page.	
10	Plain Bronze.	Shown on opposite page.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.



No. 9.



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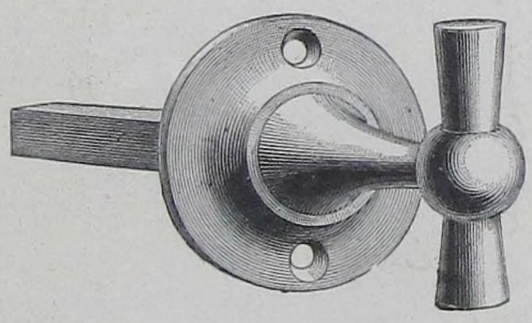

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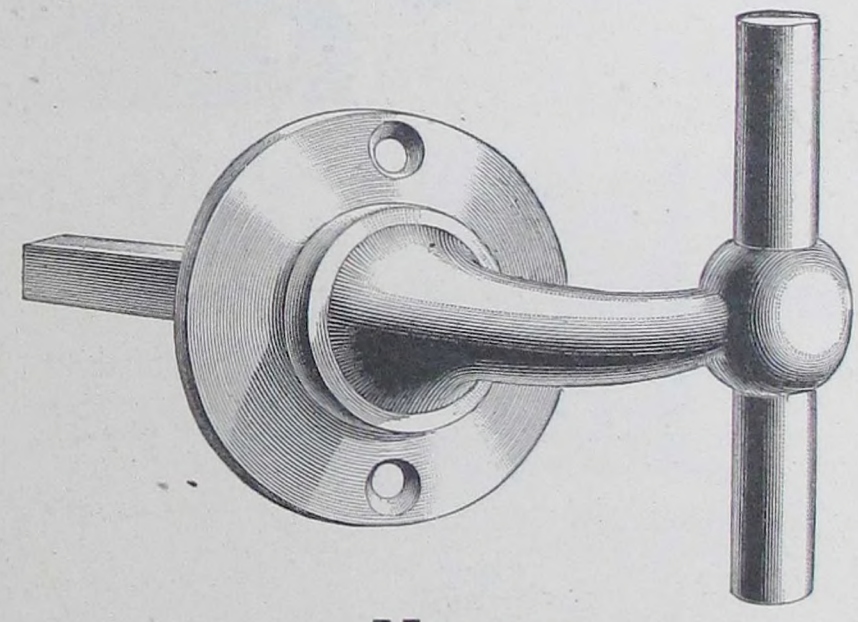
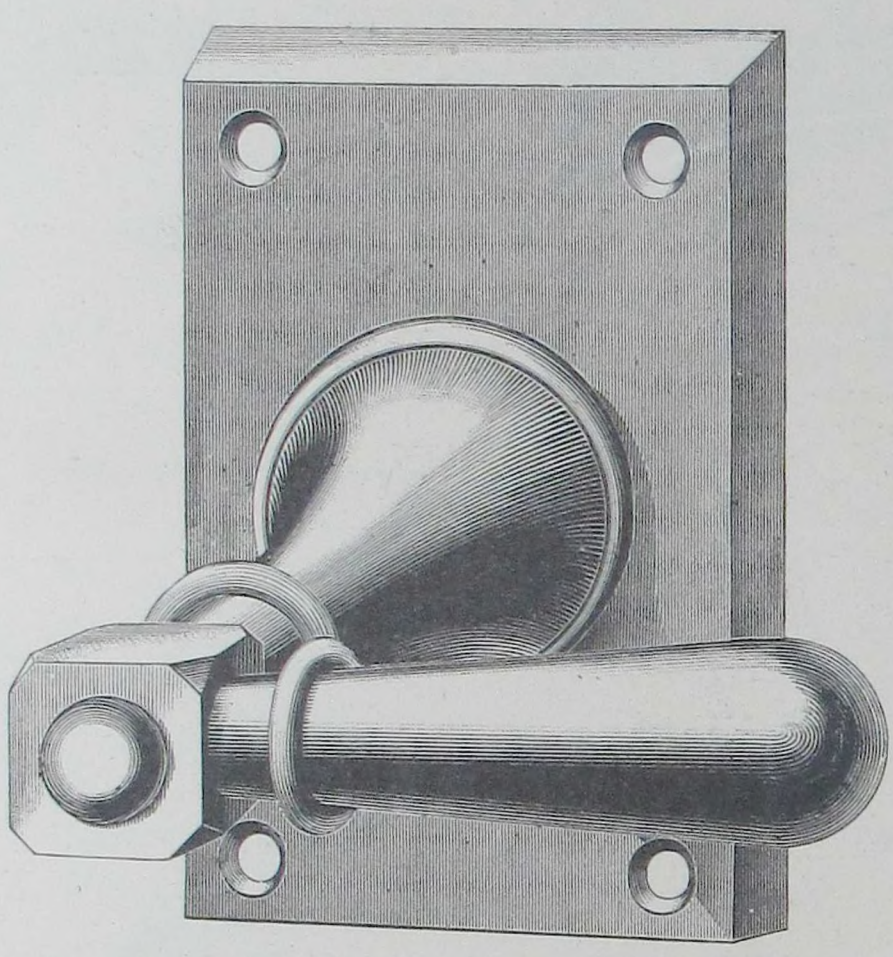


No. 10.

REAL BRONZE OR BRASS T HANDLES Nos. 7 to 10.

REAL BRONZE or BRASS

LEVER HANDLES.



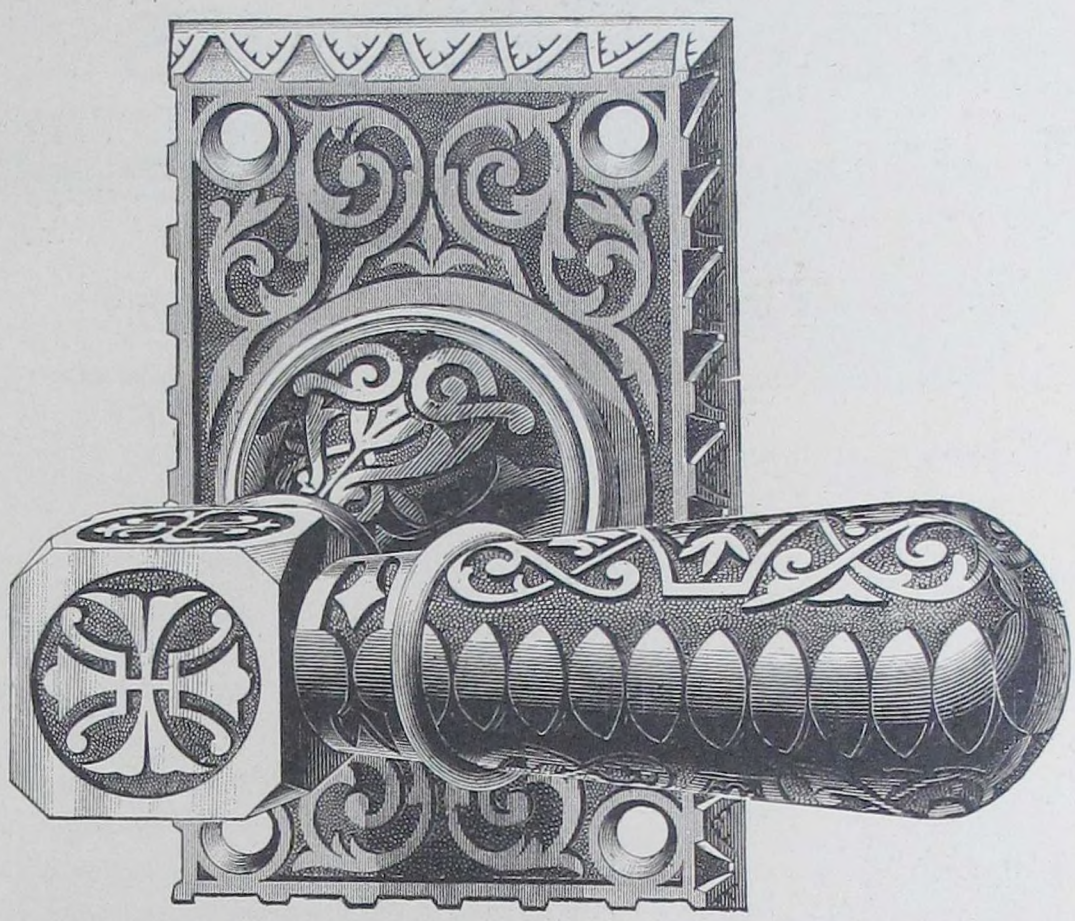
No. 32.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 pair in a paper box, with screws, complete.

No	Length of Lever.	Style.	Per Pair.
11	1¾ inches.	Plain Bronze.	
31	2½ inches.	Plain Bronze.	
32	3 inches.	Plain Bronze.	
35	3½ inches.	Ornamental Bronze.	
37	3½ inches.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.



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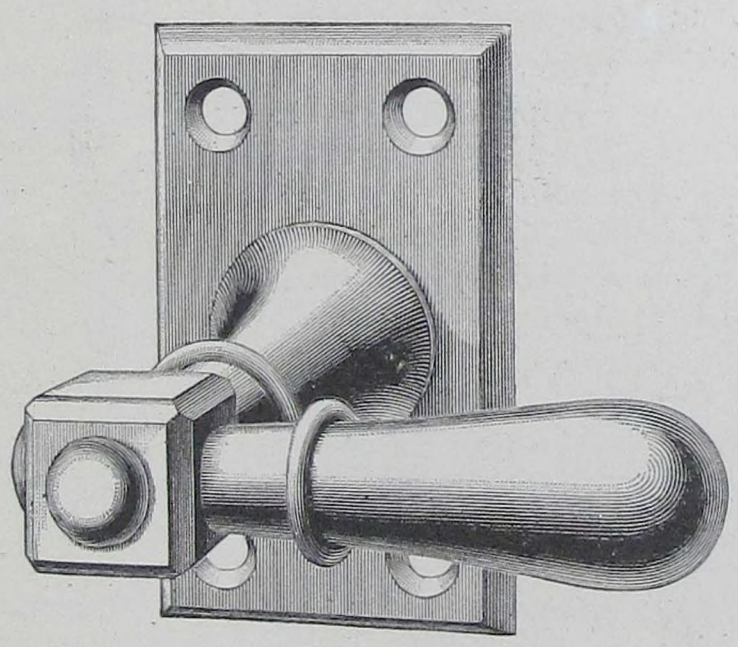
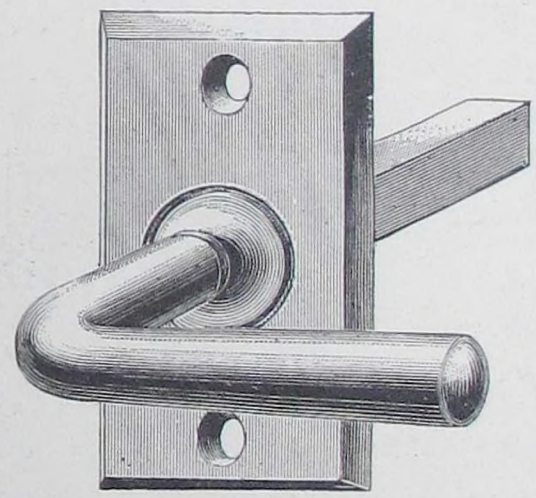


No. 31.



No. 11.

REAL BRONZE OR BRASS LEVER HANDLES.

REAL BRONZE or BRASS

BELL PULLS.

WITH ROUND PLATE.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, one pull in a paper box, with screws, complete.

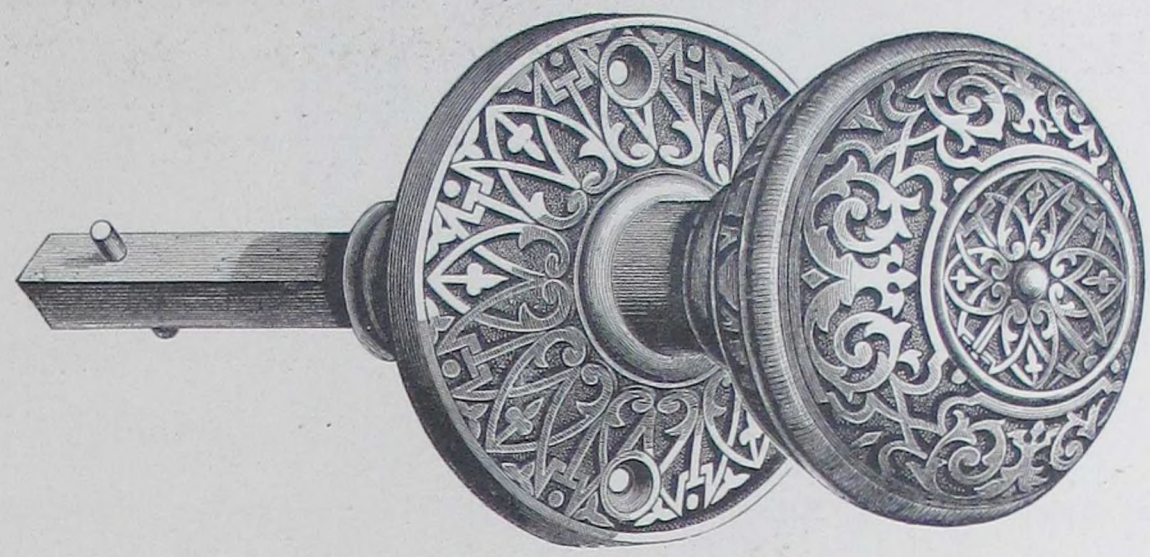
No.	Size of Knobs.	Design.	Each.
1101	1⅞ inches.	As Knob No. 2, page 320.	
1103	2 inches.	Shown on opposite page.	
1105P	1¾ inches.	Shown on opposite page.	
1107	2 inches.	As Knob No. 8, page 320.	
1111	1¾ inches.	As Knob No. 12, page 320.	
1113P	2¼ inches by 1½ inches.	As Knob No. 14P, page 317.	
1115P	1¾ inches.	As Knob No. 16P, page 316.	
1117P	2¼ inches by 1½ inches.	As Knob No. 16P, page 316.	
1119	1¾ inches.	As Knob No. 18P, page 317.	
1121	1¾ inches.	As Knob No. 22, page 321.	
1123P	1⅝ inches.	As Knob No. 24P, page 316.	
1133	1¾ inches.	Shown on opposite page.	
1147	1¾ inches.	As Knob No. 48, page 322.	
1155P	1¾ inches.	As Knob No. 56P, page 316.	
1167	1¾ inches.	As Knob No. 68, page 319.	
1171	2 inches by 1½ inches.	As Knob No. 71, page 318.	
1173	1⅞ inches.	As Knob No. 74, page 319.	
1175	2 inches.	As Knob No. 76, page 321.	
1177	2 inches by 1½ inches.	As Knob No. 77L, page 318.	
1177L	2 inches by 1½ inches.	As Knob No. 77L, page 318.	
1185P	1¾ inches.	As Knob No. 86P, page 317.	
1187	1¾ inches.	As Knob No. 88, page 318.	
1191	1¾ inches.	As Knob No. 91, page 318.	
1191S	1¾ inches.	As Knob No. 91S, page 319.	
1197	1¾ inches.	As Knob No. 97, page 318.	
1197L	1¾ inches.	As Knob No. 97L, page 318.	

Furnished also in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

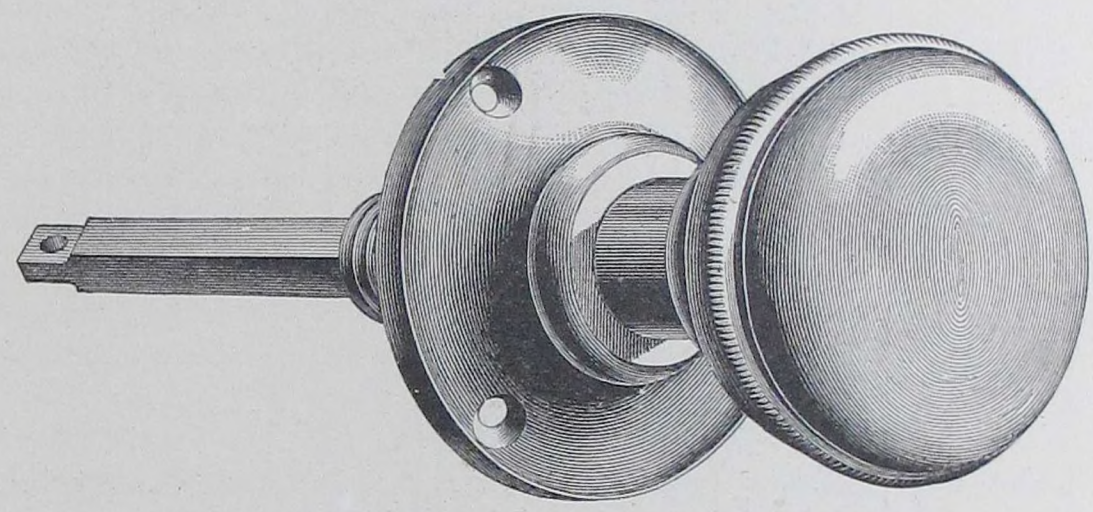
For Electric Push Buttons, see pages 338 to 340.

For Bell Levers, see page 336.

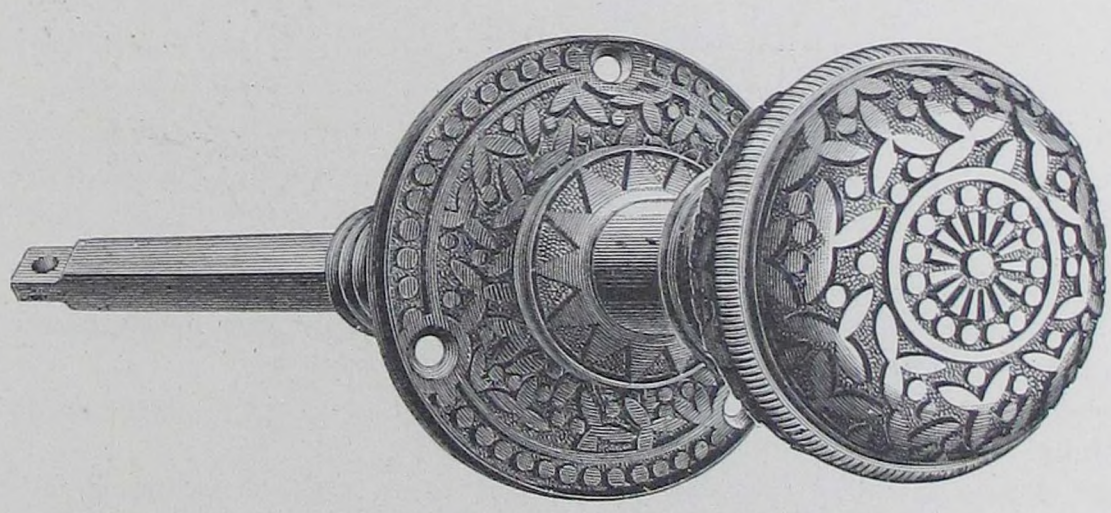
For Bell Lever Pulls, see page 337.



No. 1103.



No. 1105P.



No. 1133.

REAL BRONZE OR BRASS BELL PULLS, Nos. 1101 to 1197L.

REAL BRONZE or BRASS

BELL PULLS,

WITH LONG PLATE.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, ⅙ dozen in a paper box, with screws, complete.

No.	Size of Knobs.	Design of Knobs.	Size of Plates.	Style of Plates.	Each.
1201	1⅞ ins.	As Knob No. 2, p. 320.	4¾ ins. by 2¾ ins.	Ornamental.	
1203	2 ins.	As Knob No. 4, p. 320.	4¾ ins. by 2¾ ins.	Ornamental.	
1205P	1¾ ins.	As Knob No. 6P, p. 316.	3⅜ ins. by 2½ ins.	Plain.	
1207	2 ins.	As Knob No. 8, p. 320.	4¾ ins. by 2¾ ins.	Ornamental.	
1211	1¾ ins.	As Knob No. 12, p. 320.	4¾ ins. by 2¾ ins.	Ornamental.	
1213P	2¼ ins. by 1½ ins.	As Knob No. 14P, p. 317.	3⅜ ins. by 2½ ins.	Plain.	
1215P	1¾ ins.	As Knob No. 16P, p, 316.	3⅜ ins. by 2½ ins.	Plain.	
1217P	2¼ ins. by 1½ ins.	As Knob No. 18P, p. 317.	3⅜ ins. by 2½ ins.	Plain.	
1219	1¾ ins.	As Knob No. 20, p. 317.	3⅜ ins. by 2½ ins.	Plain.	
1221	1¾ ins.	As Knob No. 22, p. 321	2⅞ ins. by 1⅞ ins.	Ornamental.	
1223P	1⅝ ins.	As Knob No. 24P, p. 316.	3⅜ ins. by 2½ ins.	Plain.	
1233	1¾ ins.	As Knob No. 34, p. 321.	2⅞ ins. by 1⅞ ins.	Ornamental.	
1247	1¾ ins.	As Knob No. 48, p. 322.	4⅜ ins. by 2⅞ ins.	Ornamental.	
1255P	1¾ ins.	As Knob No. 56P, p. 316.	3⅜ ins. by 2½ ins.	Plain.	
1267	1¾ ins.	Shown on opposite page.	4⅛ ins. by 3 ins.	Ornamental.	
1271	2 ins. by 1½ ins	Shown on opposite pgge.	3⅜ ins. by 2½ ins.	Plain.	
1273	1⅞ ins.	As Knob No. 74, p. 319.	4⅛ ins. by 3 ins.	Ornamental.	
1275	2 ins.	As Knob No. 75, p. 321.	2⅞ ins. by 1⅞ ins.	Ornamental.	
1277	2 ins. by 1½ ins.	As Knob No. 77, p. 318.	3⅜ ins. by 2½ ins.	Plain.	
1277L	2 ins. by 1½ ins.	As Knob No. 77L, p. 318.	3⅜ ins. by 2½ ins.	Plain.	
1285P	1¾ ins.	As Knob No. 86P, p. 317.	3⅜ ins. by 2½ ins.	Plain.	
1287	1¾ ins.	As Knob No. 88, p. 318.	3⅜ ins. by 2½ ins.	Plain.	
1291	1¾ ins.	As Knob No. 91, p. 318.	3⅜ ins. by 2½ ins.	Plain.	
1291S	1¾ ins.	As Knob No. 91S, p. 319.	3⅜ ins. by 2½ ins.	Plain.	
1297	1¾ ins.	As Knob No. 97, p. 318.	3⅜ ins. by 2½ ins.	Plain.	
1297L	1¾ ins.	As Knob No. 97L, p. 318.	3⅜ ins. by 2½ ins.	Plain.	

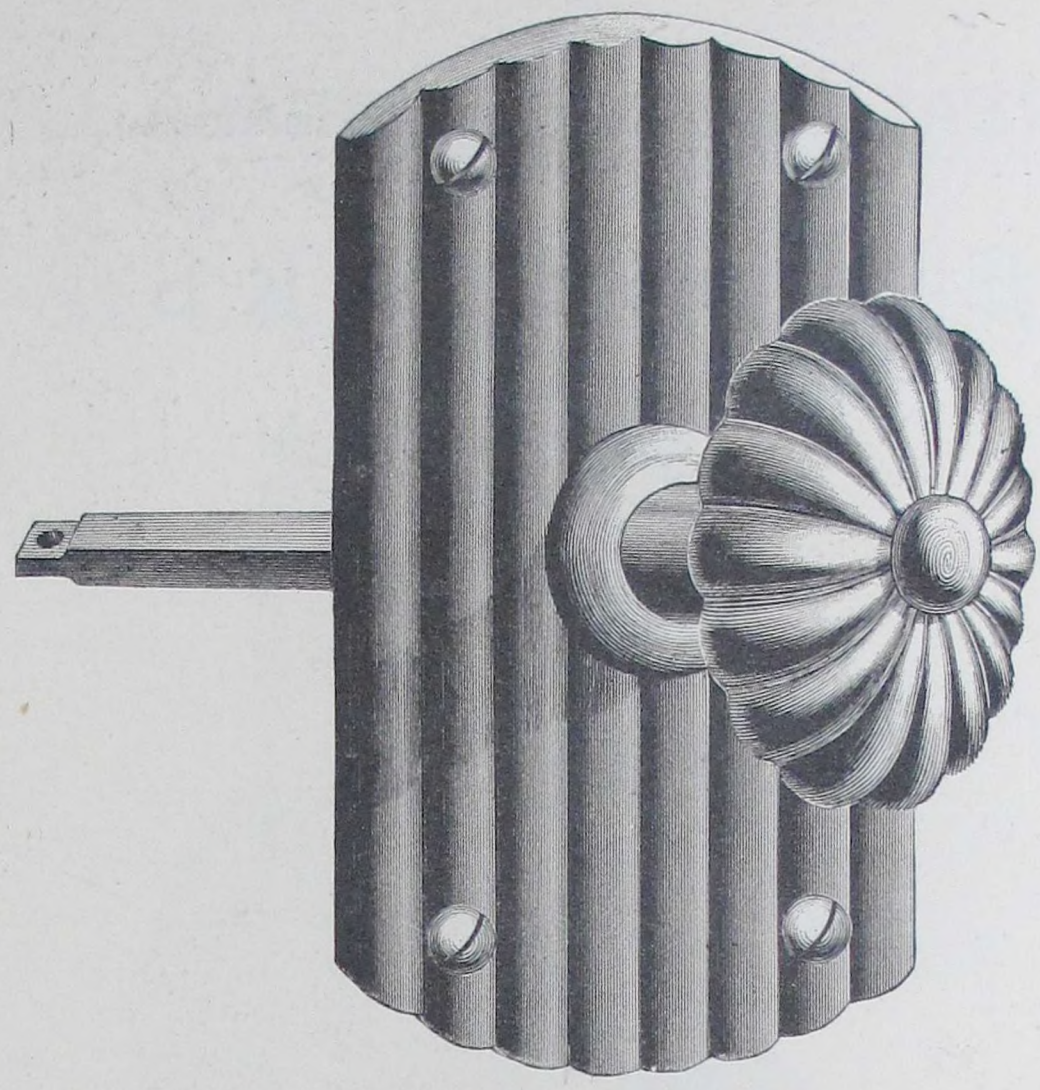
Furnished also in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

A Fluted Plate, shown on opposite page, will be furnished with any plain knob, when so ordered, at an additional cost of $

Ornamental Plates. Plates for Nos. 1201, 1203, 1207 and 1211, are rectangular and have the same ornamentation as on No. 404 Combined Escutcheon, page 347. Plates for Nos. 1221 and 1233 are ornamented as No. 304R Combined Escutcheon, page 345. Plates for No. 1247 are ornamented as No. 750Holly Butt, page 401.

Electrical Attachment. Any of above Bell Pulls may be arranged for electrical attachment at an additional cost of $

For Bell Pulls with **Round Plate,** see page 332.
For Bell Levers, see page 336.
For Electric Push Buttons, see pages 338 to 340.
For Bell Lever Pulls, see page 337.



No. 1271. (With Fluted Plate.)

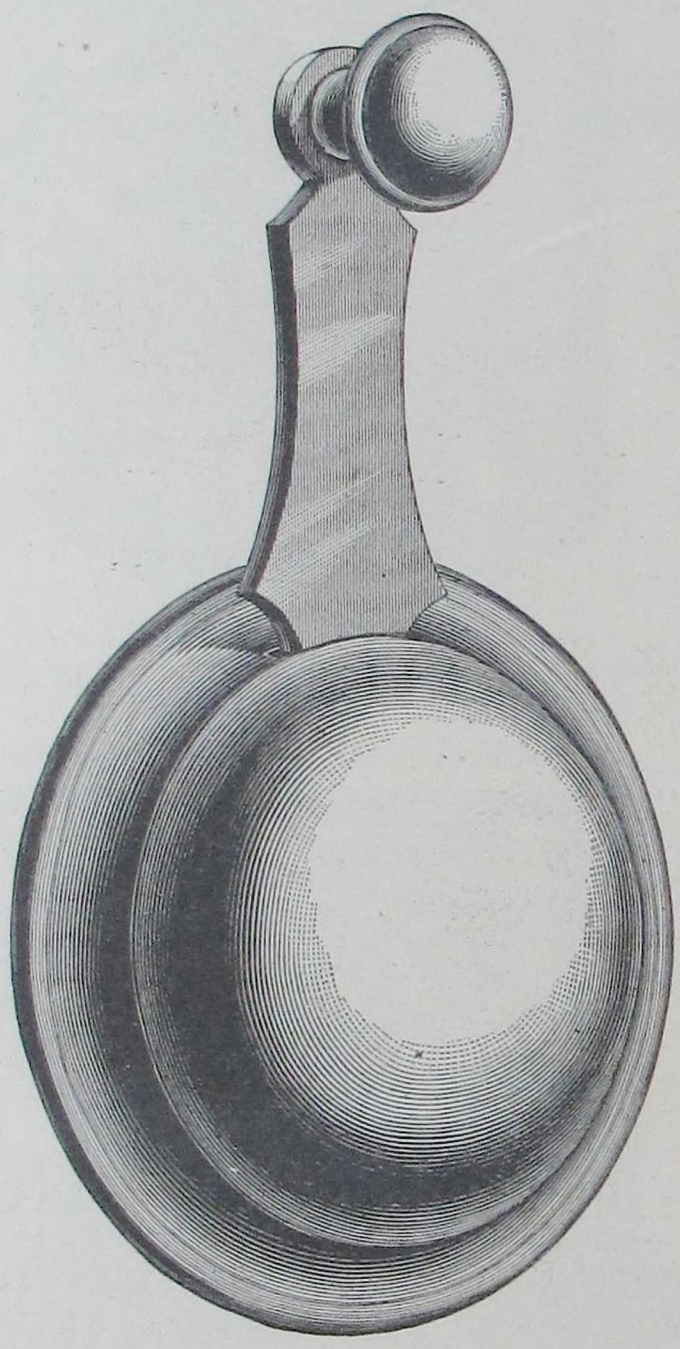
No. 1267.

REAL BRONZE OR BRASS BELL PULLS, Nos. 1207 to 1297L.

REAL BRONZE or BRASS

BELL LEVERS.

SIDE ACTION—Right or Left.



No. 1400P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, one lever in a paper box, with screws, complete.

No.	Style.	Design.	Each.
1400P	Plain Bronze.	As above.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

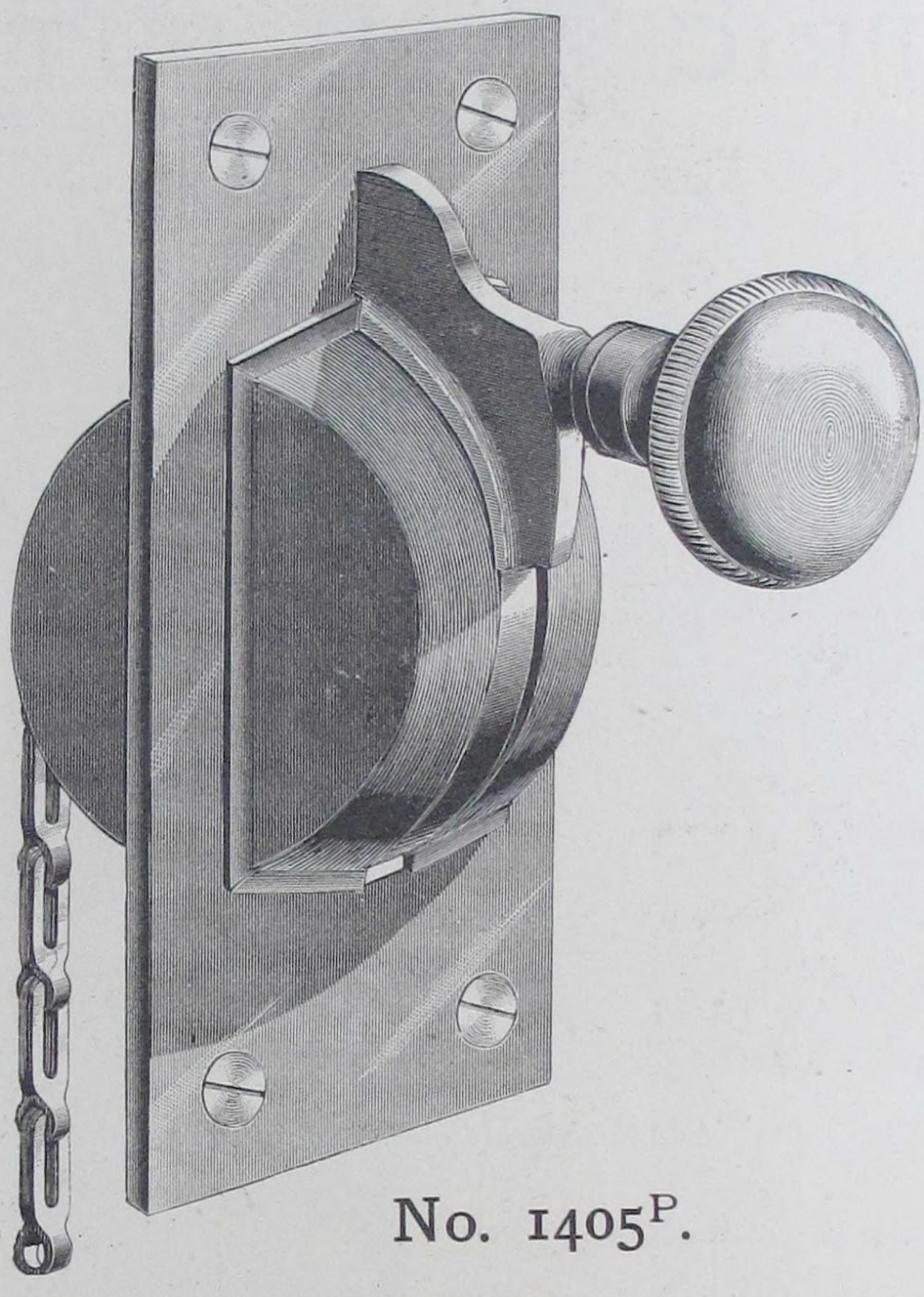
For Electric Push Buttons, see pages 338 to 340.

For Bell Pulls, see pages 332 to 335.

For Bell Lever Pulls, see page 337.

REAL BRONZE or BRASS

BELL LEVER PULLS.



No. 1405P.

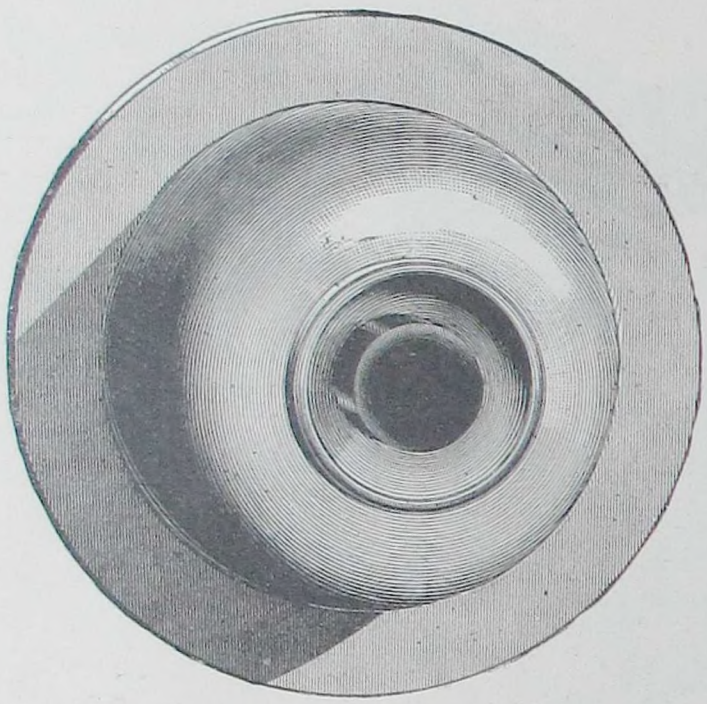
Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Operated by pressing the knob downward. A concealed spring gives a lively return action to the knob.
Packed, one lever in a paper box, with screws, complete.

No.	Size.	Style.	Each.
1405P	4⅝ inches by 2¼ inches.	Plain Bronze.	
1405C	5 inches by 2½ inches.	*Ornamental Bronze.	
1406P	4⅝ inches by 2¼ inches.	Plain Bronze.	
1406C	5 inches by 2½ inches.	*Ornamental Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.
*For this ornamentation, see No. 1416c, page 339. No. 1406 is the same pattern as 1405, but is arranged for electrical attachment.
For Electric Push Buttons, see pages 338 to 343.

REAL BRONZE or BRASS

ELECTRIC PUSH BUTTONS.



No. 1410P.

No. 1410.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, ¼ dozen in a paper box, with screws.

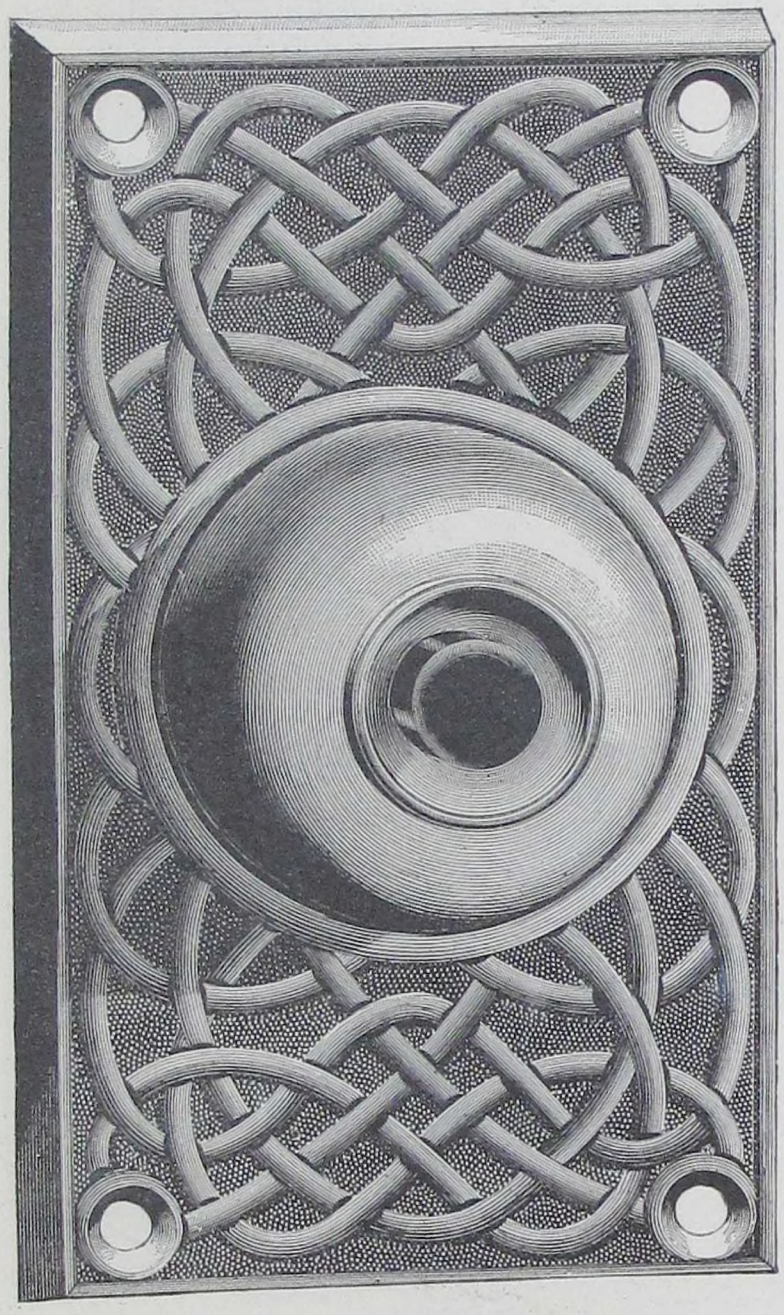
No.	Size.	Style.	Each.
1410	2¾ inches in diameter.	Ornamental Bronze.	
1410P	2¾ inches in diameter.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

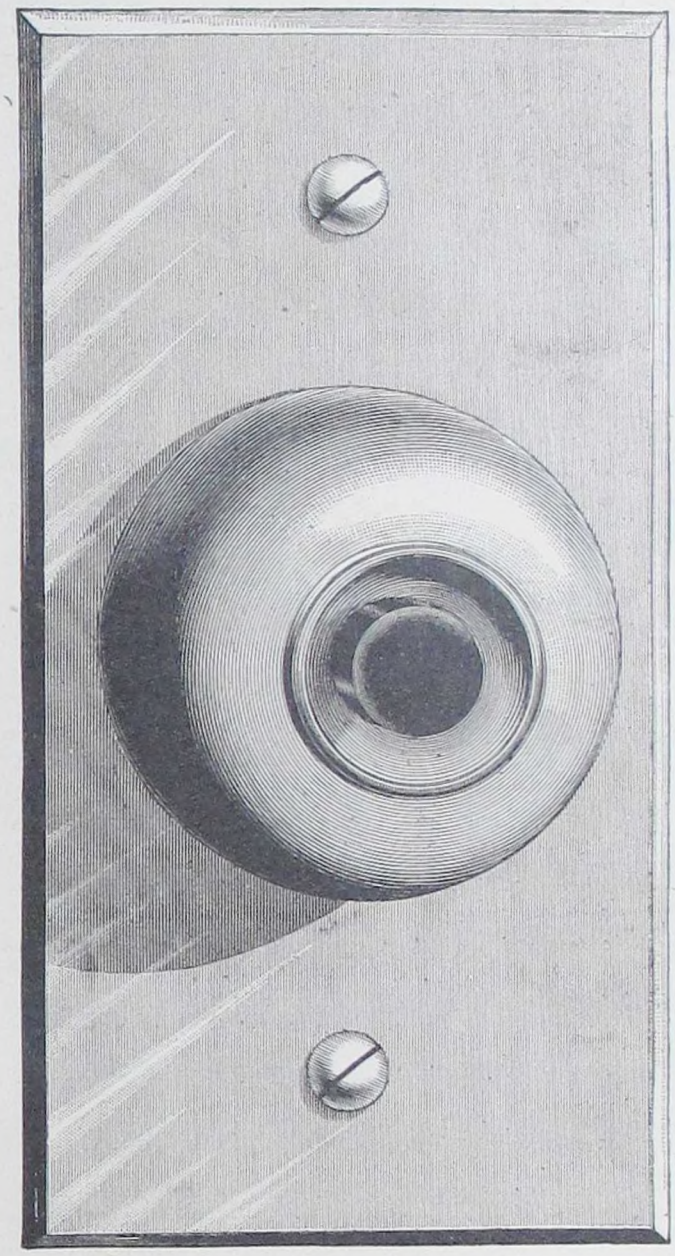
For other Electric Push Buttons, see pages 339 and 340. **For Electric Bell Lever Pull,** see page 337.

REAL BRONZE or BRASS

ELECTRIC PUSH BUTTONS.



No. 1416C.



No. 1416P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, each button in a paper box, with screws.

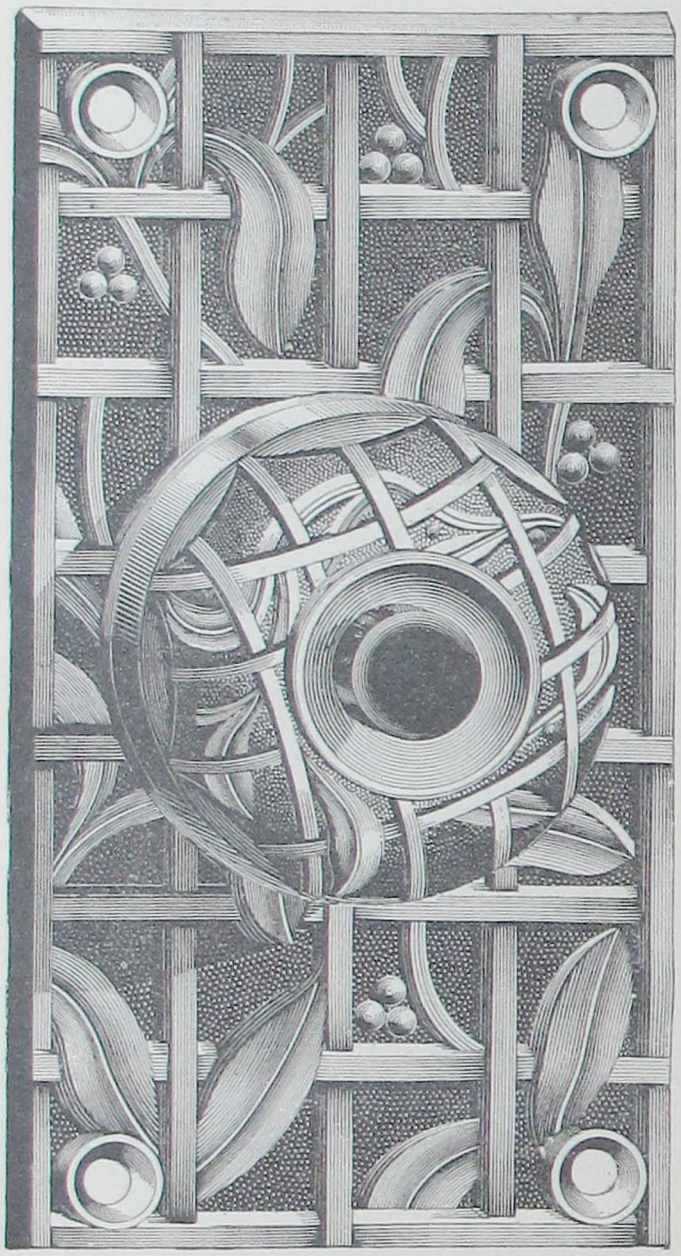
No.	Size.	Style.	Each.
1415	3¼ inches by 2 inches.	Ornamental Bronze.	
1415P	3¼ inches by 1 7/8 inches.	Plain Bronze.	
1416	4½ inches by 3 inches.	*Ornamental Bronze.	
1416P	4¾ inches by 2½ inches.	Plain Bronze.	
1416C	5 inches by 3 inches.	Ornamental Bronze.	

*The design of Nos. 1415 and 1416 is similar to that of Combined Escutcheon No. 404, on page 347.
Also furnished in Brass if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

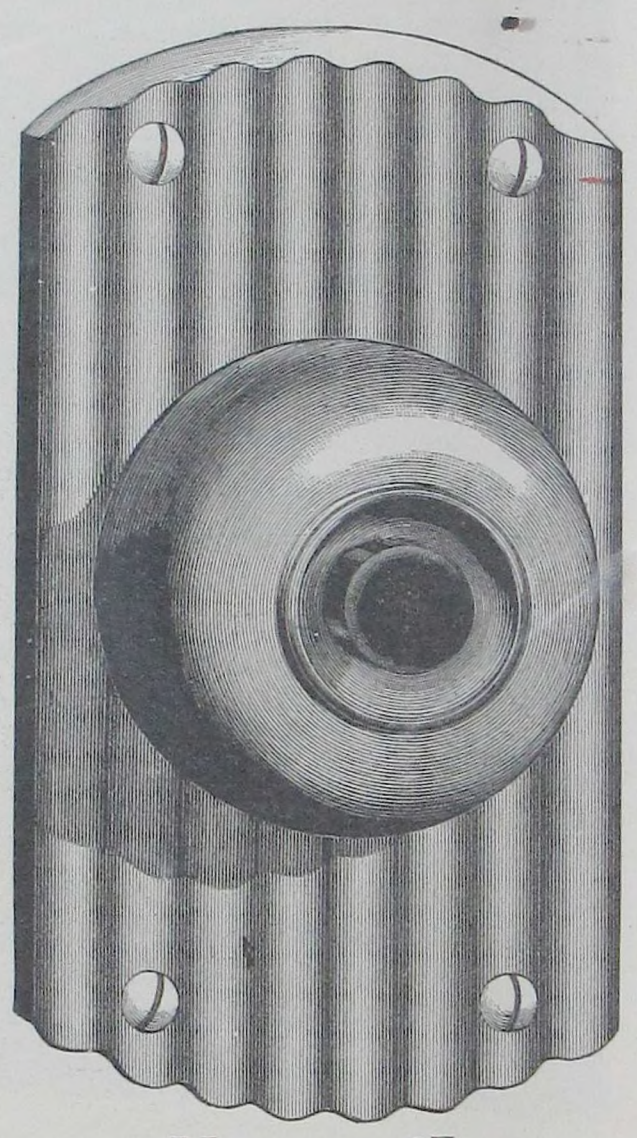
For other Electric Push Buttons, see pages 338 and 340. **For Electric Bell Lever Pull,** see page 337.

REAL BRONZE or BRASS

ELECTRIC PUSH BUTTONS.



No. 1416HOLLY



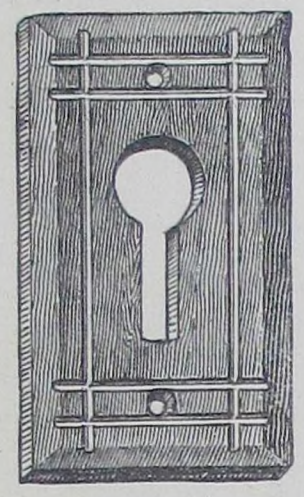
No. 1416F.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, one button in a paper box, with screws, complete.

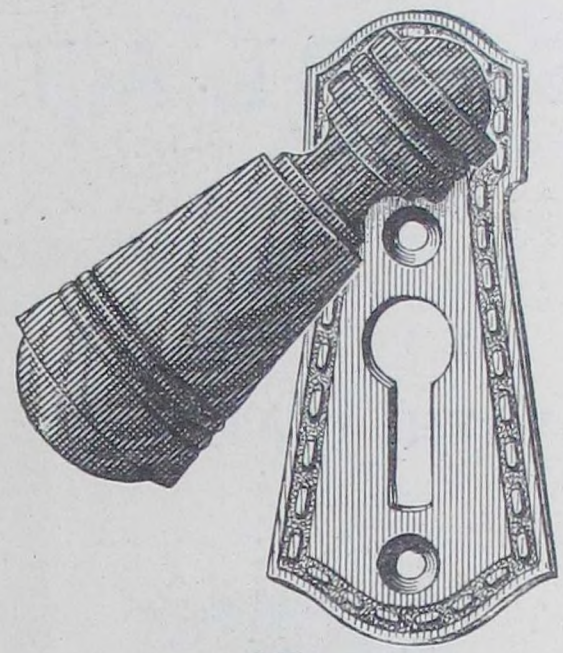
No.	Size.	Style.	Each.
1416 Holly	5 inches by 2⅞ inches.	Ornamental Bronze.	
1416R	5 inches by 2⅞ inches.	*Ornamental Bronze.	
1416F	4¼ inches by 2½ inches.	Plain Bronze, Fluted.	

*The ornamentation of No. 1416R is similar to Combined Escutcheon No. 304R, on page 345.
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.
For other Electric Push Buttons, see pages 338 and 339. **For Electric Bell Lever Pull,** see page 337.

WOOD KEY PLATES.

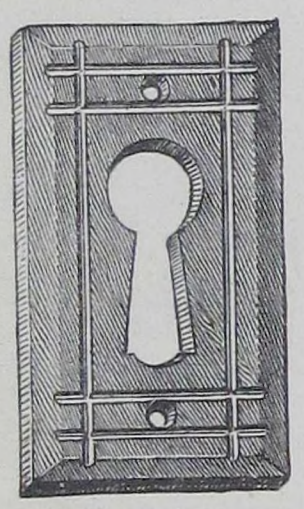


No. 13.

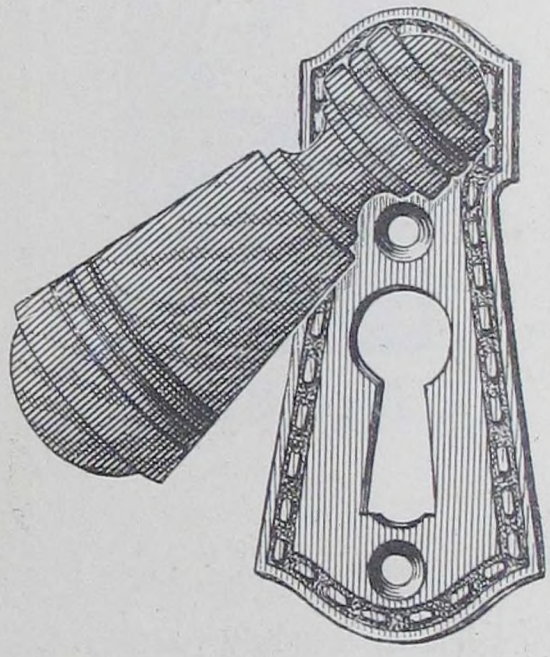


No. 11.

No. 15.



No. 12.



No. 10.

No. 14.

Description. Nos. 10 and 11 have Bronze plates with wood drop. Nos. 12, 13, 14 and 15 are all wood.
Wood. Made regularly in Ash, Oak, Apple, Walnut, Maple, Cherry and Stained Mahogany, but can be furnished in any kind of wood, to match any particular trim, on special order, at slightly increased cost.
Packed, 6 dozen in a paper box, with bronze screws, complete.

No.	Size.	Style.	Per Dozen.
10	2½ inches by 1⅛ inches.	With Drop. For Brass Key.	
11	2½ inches by 1⅛ inches.	" " For Steel Key.	
12	1¾ inches by 1 inch.	Without Drop. For Brass Key.	
13	1¾ inches by 1 inch.	" " For Steel Key.	
14	1¾ inches by ⅞ inch.	" " For Brass Key.	
15	1¾ inches by ⅞ inch.	" " For Steel Key.	

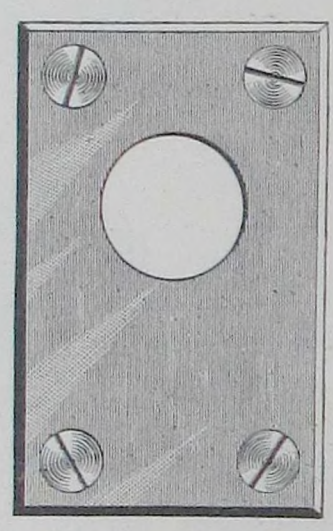
For Wood Door Knobs, see pages 312 and 313.
For Wood Closet and Mortise Bolt Knobs, see page 326. **For Wood Door Stops,** see page 462.
For Wood Drawer and Shutter Knobs and **Wood Drawer Pulls,** see page 461.

REAL BRONZE or BRASS

NOSE PLATES,

FOR YALE CABINET LOCKS

WITH FLAT KEYS.



No. 816P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Use, to cover key-holes and like defacements, where a flat key Yale lock is substituted for other locks. They are also suitable for new work.

Packed, one dozen in a paper box, with screws, complete.

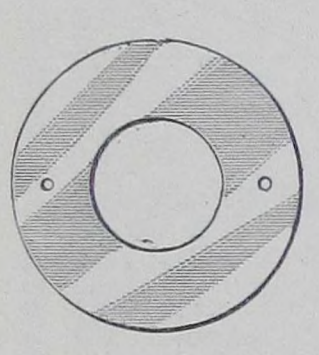
No.	Size.	Style.	Per Dozen.
816P	1⅞ inches by 1⅛ inches.	Plain Bronze.	

Also furnished in Brass if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

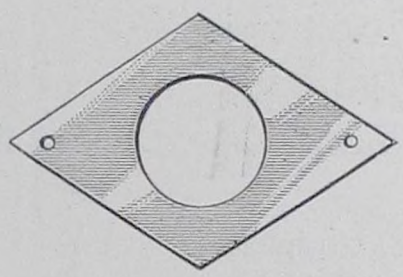
FINISHED SHEET BRASS

NOSE PLATES.

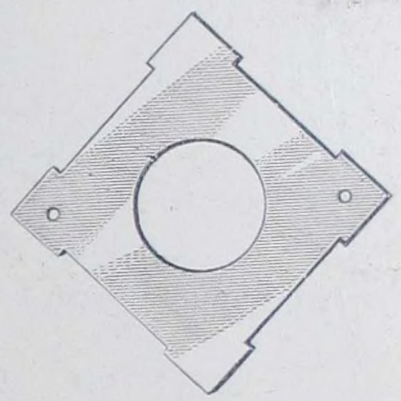
FOR STANDARD CABINET LOCKS.



No. 820.



No. 822.



No. 824.

Finish, see page 14. Furnished in Natural Color, Light Brass, unless otherwise ordered.

For Use with Standard Cabinet locks, on pages 272 to 283.

Packed, 2 dozen in a paper box, with escutcheon pins, complete.

No.	Size.	Shape.	Style.	Per Dozen.
820	1 1/8 inches.	Round.	Plain.	
822	1 1/2 × 1 inches.	Diamond.	Plain.	
824	1 1/16 inches.	Square.	Plain.	

Nose Plates, Nickel-plated, - - - - - - - - - Per dozen, $

REAL BRONZE or BRASS

COMBINED ESCUTCHEONS,

FOR STANDARD LOCKS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

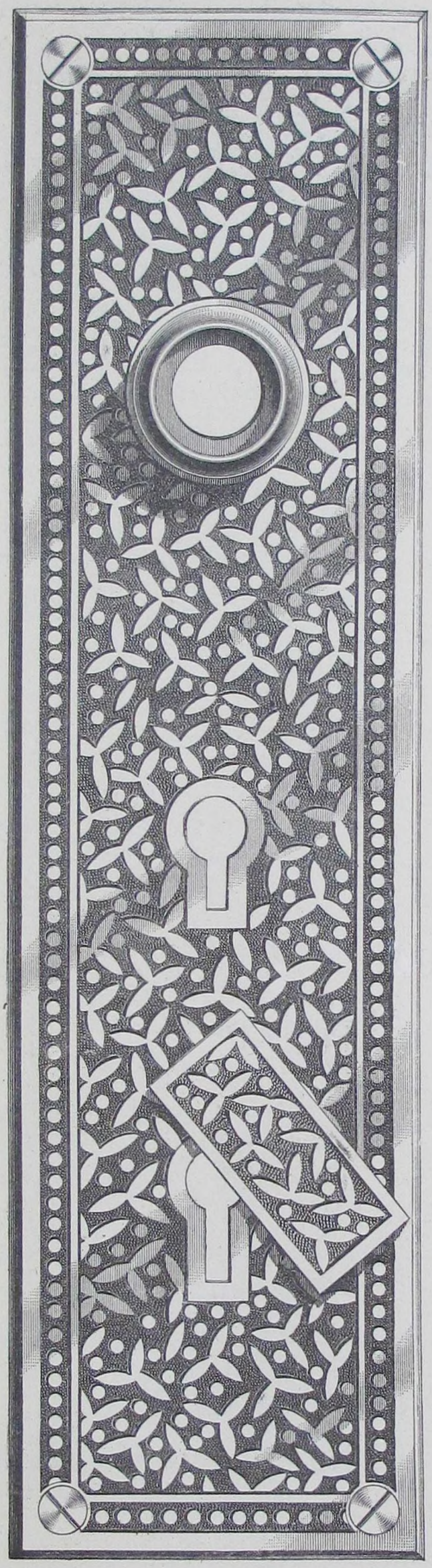
Packed, ½ dozen in a paper box, with screws, complete.

No.	Style.	For Use with Locks No.	Each.
304P	Plain Bronze.	2000 and 2020.	
304R	Ornamental Bronze.	2010R and 2030R	
404P	Plain Bronze.	2200 and 2220.	
404R	Ornamental Bronze.	2210R and 2230R.	

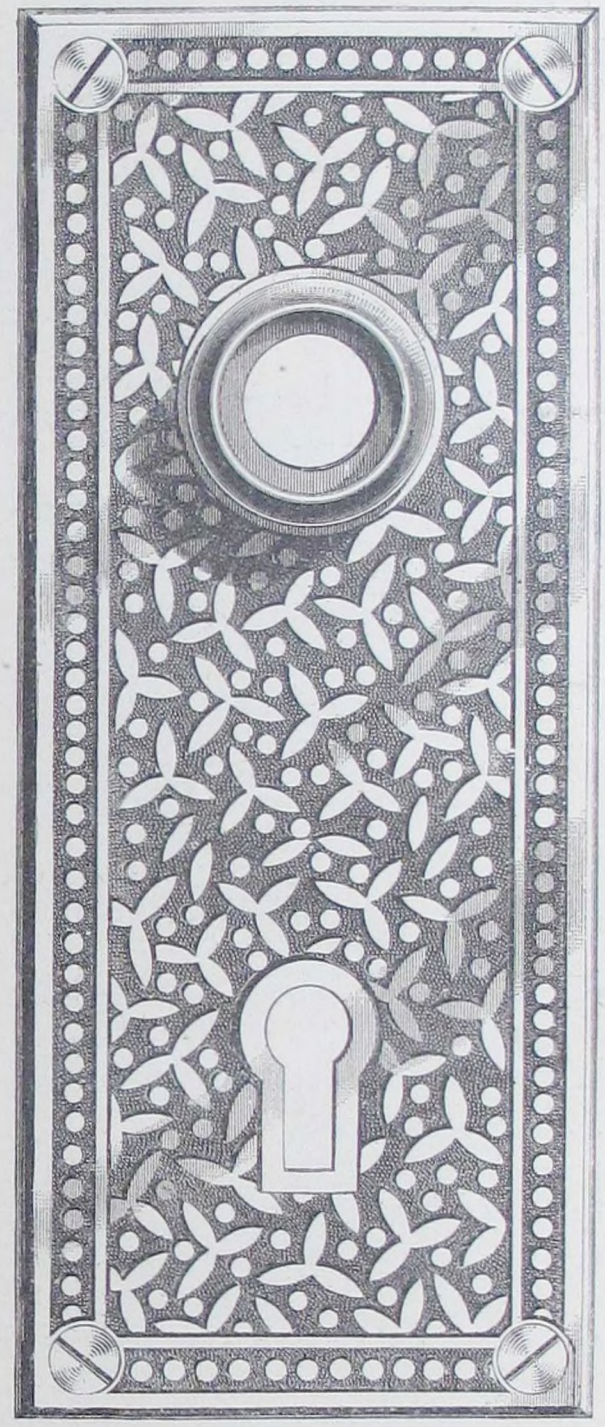
No. 304P is illustrated on page 347.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish**, see page 308.

For other styles of Combined Escutcheons for Standard locks, see pages 346 to 351.



No. 304R.



No. 404R.

REAL BRONZE OR BRASS COMBINED ESCUTCHEONS.

REAL BRONZE or BRASS

COMBINED ESCUTCHEONS,

FOR STANDARD LOCKS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

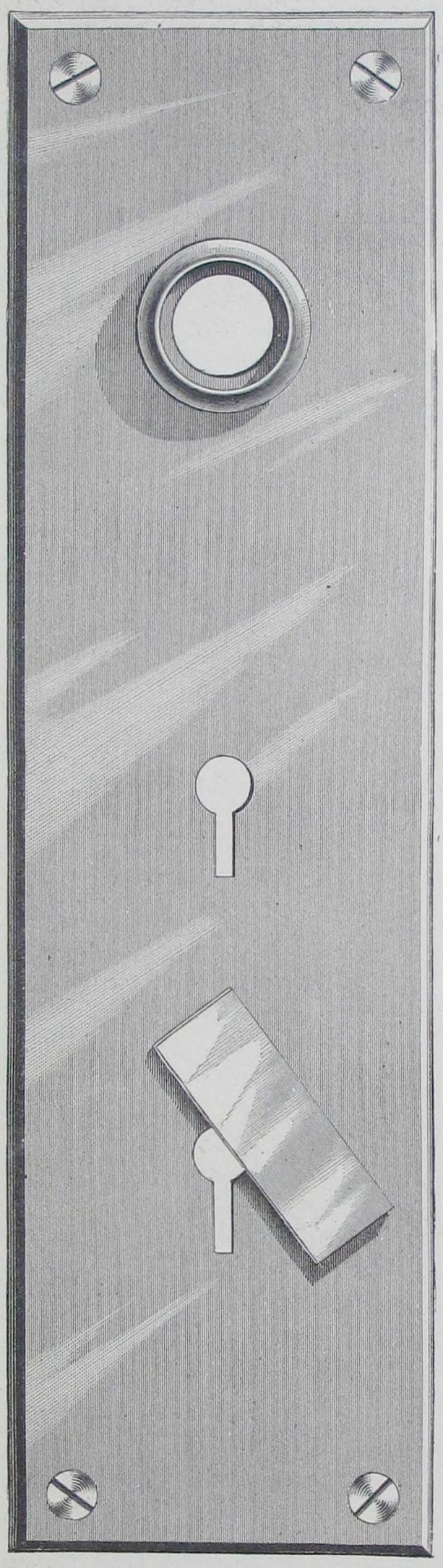
Packed, ½ dozen in a paper box, with screws, complete.

No.	Style.	For Use with Locks No.	Each.
304	Ornamental Bronze.	2010 and 2030.	
304 Holly	Ornamental Bronze.	2000 and 2020.	
304F	Plain Bronze, Fluted.	2000 and 2020.	
404	Ornamental Bronze.	2210 and 2230.	
404 Holly	Ornamental Bronze.	2200 and 2220.	
404F	Plain Bronze, Fluted.	2200 and 2220.	

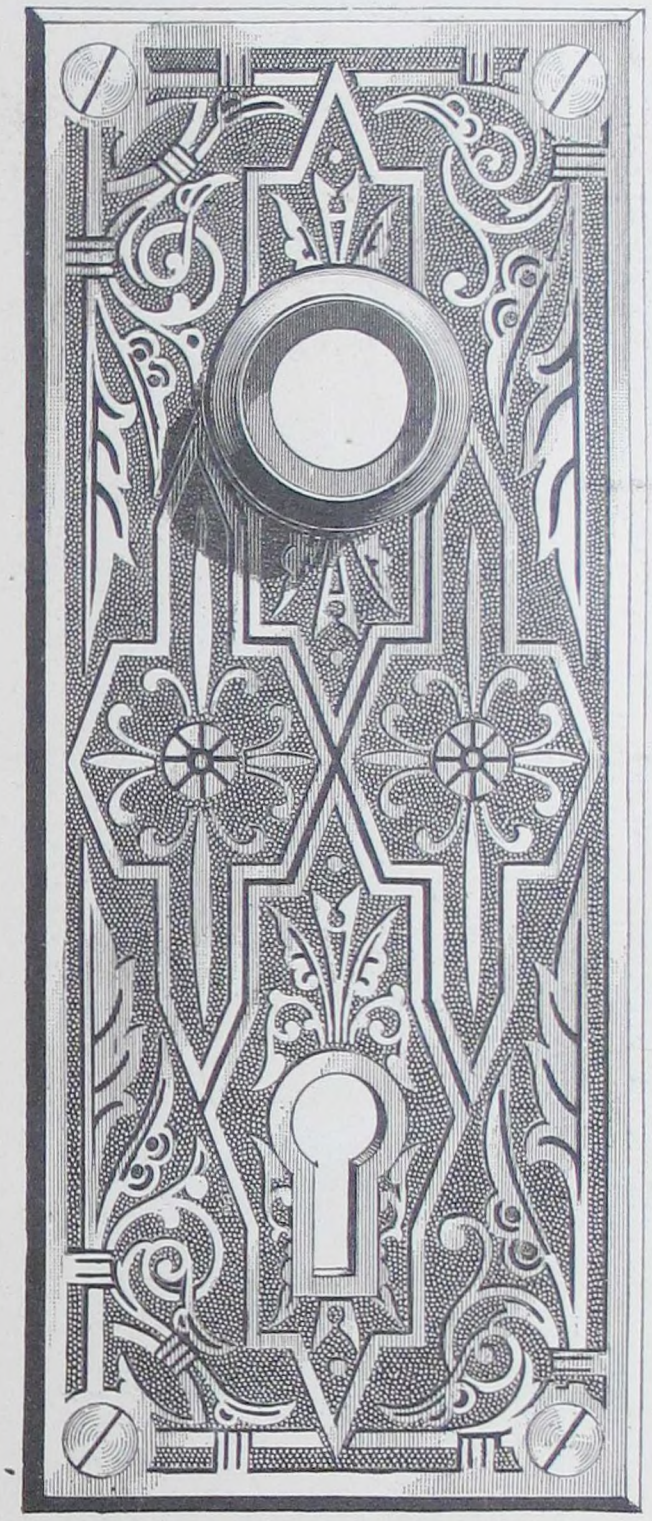
No. 304 is the same size as No. 304R, but of same desige as No, 404. No. 304F is the same size as No. 304R, and No. 404F as No. 404R, page 345, but their design is similar to No. 1416F, page 340.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Combined Escutcheons for Standard locks, see pages 344, 345 and 348 to 351.



No. 304P.



No. 404.

REAL BRONZE OR BRASS COMBINED ESCUTCHEONS.

REAL BRONZE or BRASS

COMBINED ESCUTCHEONS,

FOR STANDARD LOCKS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

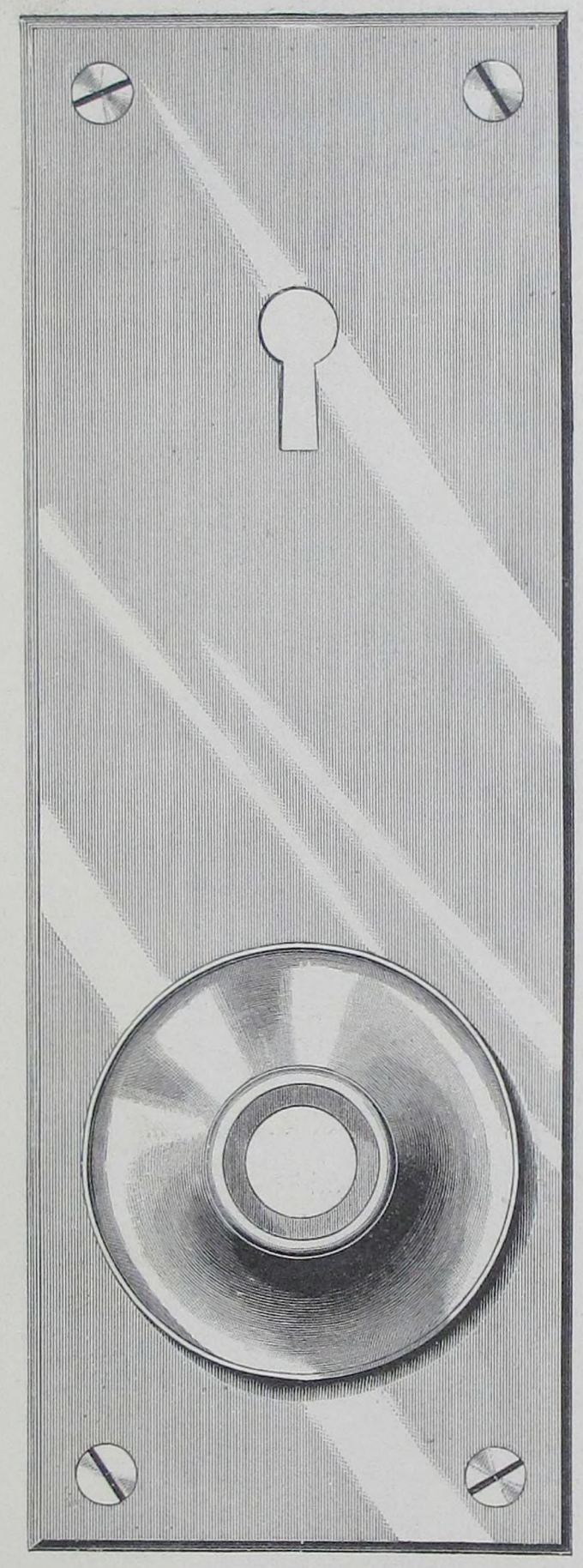
Packed, ½ dozen in a paper box, with screws, complete.

No.	Style.	For Use with Locks No.	Each.
402P	Plain Bronze.	1284.	
406P	Plain Bronze.	1684P.	
407P	Plain Bronze.	1614P and 1654P.	
407 Holly	Ornamental Bronze.	1614P and 1654P.	

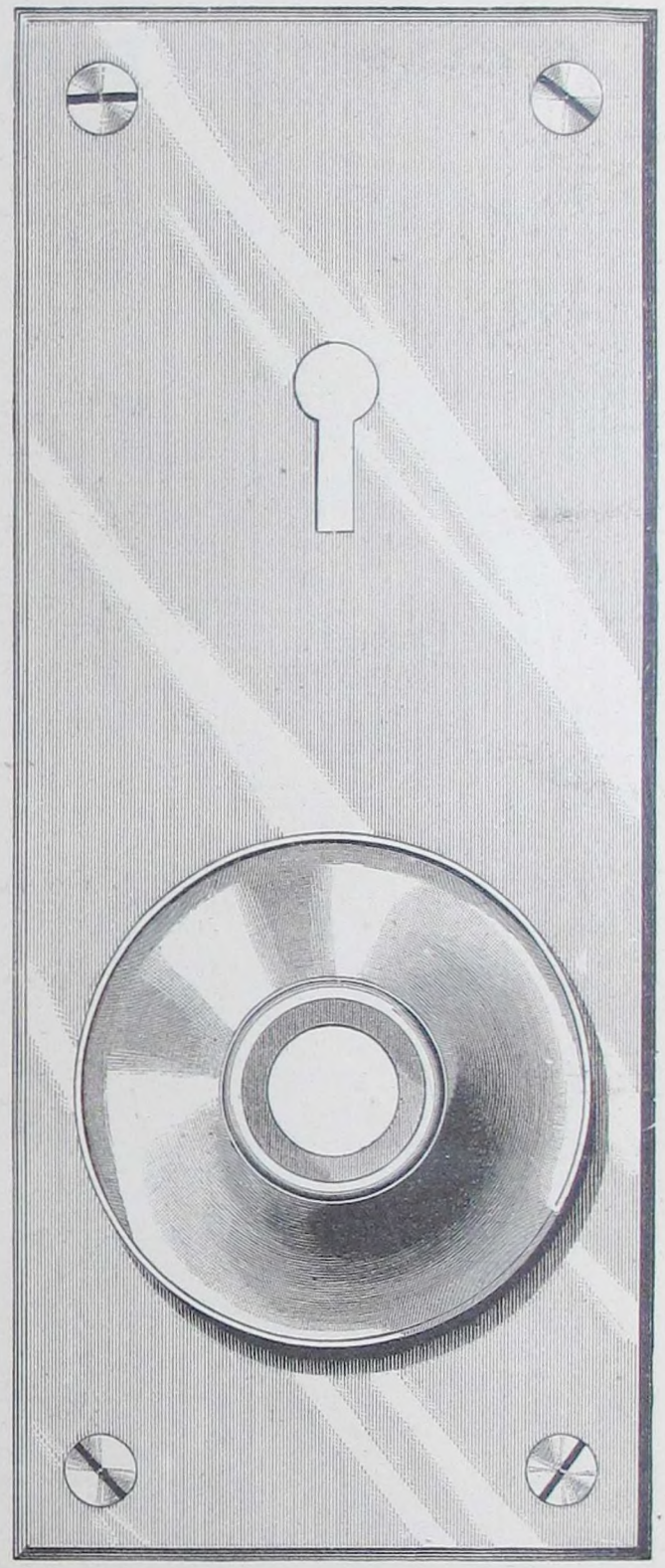
No. 402P is shown illustrated with lock on page 223. No. 407Holly is same size as No. 407P, but is ornamented as No. 750Holly Butt, page 401.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish**, see page 308.

For other styles of Combined Escutcheons for Standard locks, see pages 344 to 347, 350 and 351.



No. 407P.



No. 406P.

REAL BRONZE OR BRASS COMBINED ESCUTCHEONS.

REAL BRONZE or BRASS

COMBINED ESCUTCHEONS,

FOR STANDARD LOCKS.

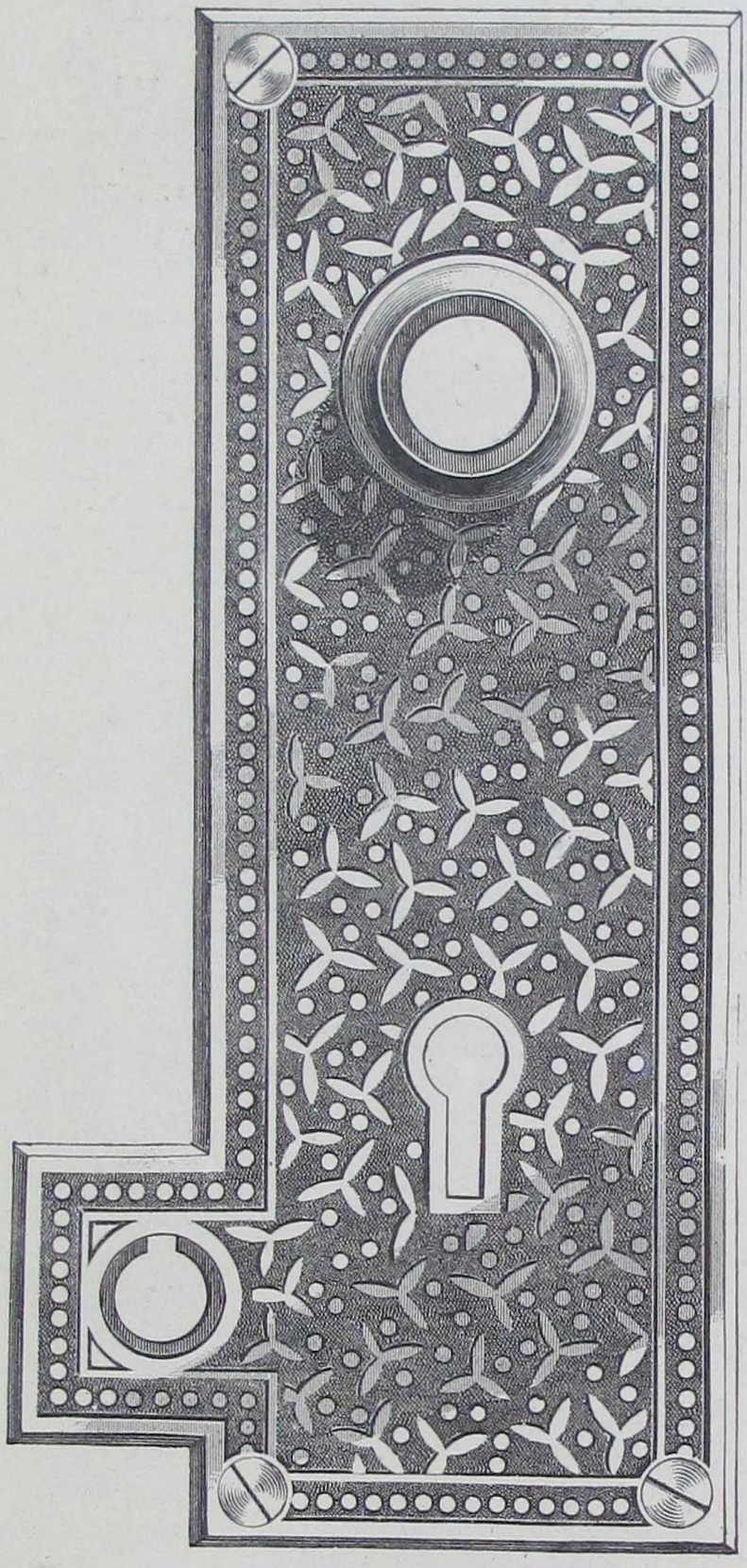
Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, 1 dozen in a paper box, with screws, complete.

No.	Style.	For Use with Locks No.	Each.
408	Ornamental Bronze.	1400, 1440, 1500 and 1520.	
408 Holly	Ornamental Bronze.	1401, 1441, 1501 and 1521.	
408F	Plain Bronze, Fluted.		
409P	Plain Bronze.	1620 and 1621.	
409R	Ornamental Bronze.	1630R and 1631R.	
410P	Plain Bronze.	1500, 1501, 1520 and 1521.	
410R	Ornamental Bronze.	1500, 1510R, 1520 and 1530R. 1501, 1511R, 1521 and 1531R.	
411P	Plain Bronze.	1400 and 1401.	
411R	Ornamental Bronze.	1400, 1401, 1410R and 1411R.	
412P	Plain Bronze.	1420 and 1421.	

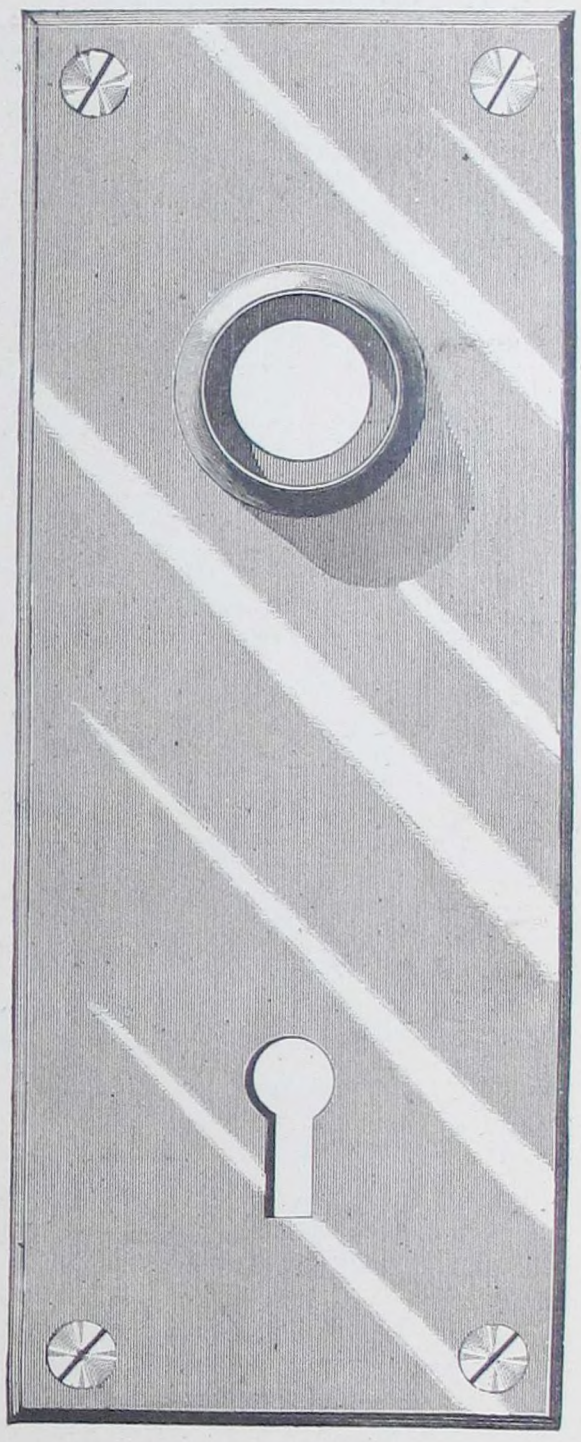
No. 412P is the same size as No. 410P, differing only in distance between knob and key-hole. No. 409R is shown with lock No. 1630R, page 209. No. 409P is the same as 409R, except that it has a plain surface. Nos. 408 and 408Holly are the same size as No. 404, page 347, but differing in distance between knob and key-hole, and No. 408Holly is ornamented as No. 750Holly Butt, page 401.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Combined Escutcheons for Standard Locks, see pages 344 to 349.



No. 411R.



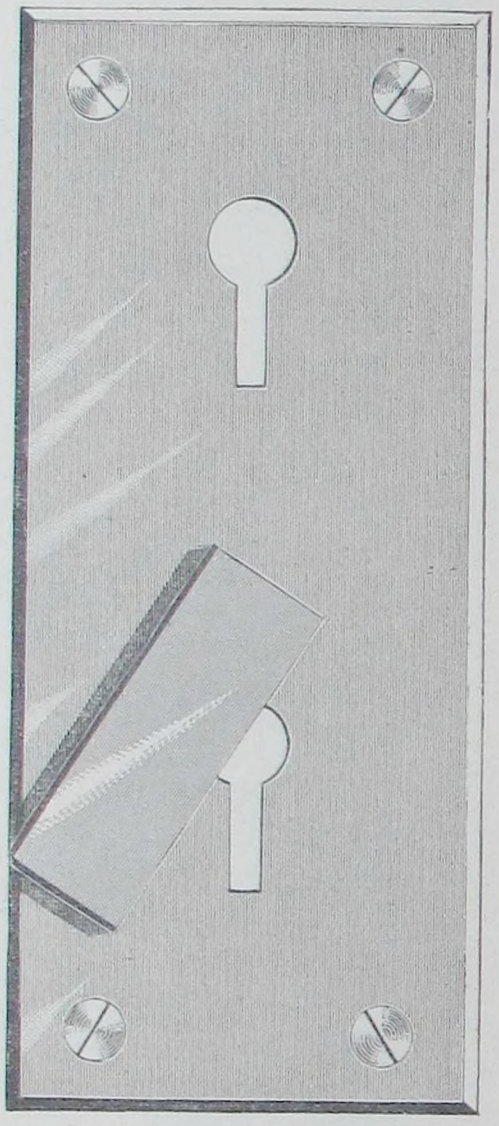
No. 410P.

REAL BRONZE OR BRASS COMBINED ESCUTCHEONS.

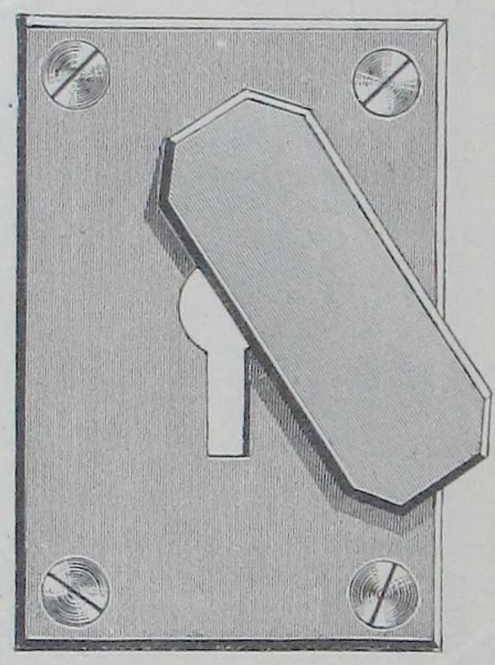
REAL BRONZE or BRASS

KEY PLATES,

FOR STANDARD LOCKS.



No. 502P.



No. 708P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, 1 dozen in a paper box, with screws, complete.

No.	Style.	For Use on Locks No.	Each.
502P	Plain Bronze.	2000 and 2020	
708P	Plain Bronze.	2200 and 2220	
808P	Plain Bronze.	2200 and 2220	

No. 808P is the same plate as No. 708P, but is without drop.
Also furnished in Brass, if so ordered, at same prices. For same goods in Rustless Iron, Bower-Barff finish, see page 308.
For other styles of Key Plates, see pages 353 to 356.

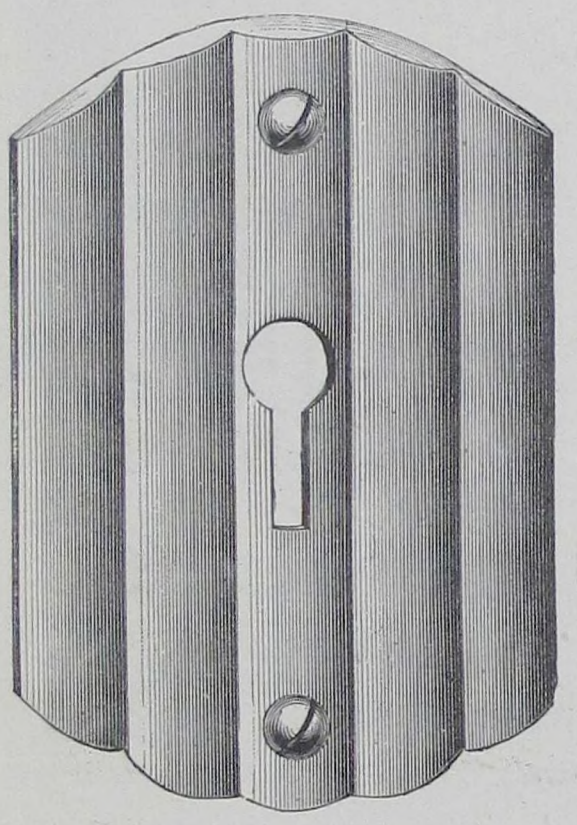
REAL BRONZE or BRASS

KEY PLATES,

FOR STANDARD LOCKS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 dozen in a paper box, with screws, complete.



No. 808F.

No. 802F.

No.	Style.	Size.	For Locks.	Per Dozen.
802F	Plain Bronze, Fluted.	5¼ inches by 2¼ inches.	For ALL Standard Locks.	
806F	Plain Bronze, Fluted.	1¾ inches by 1⅜ inches.		
808F	Plain Bronze, Fluted.	3 inches by 2 inches.		

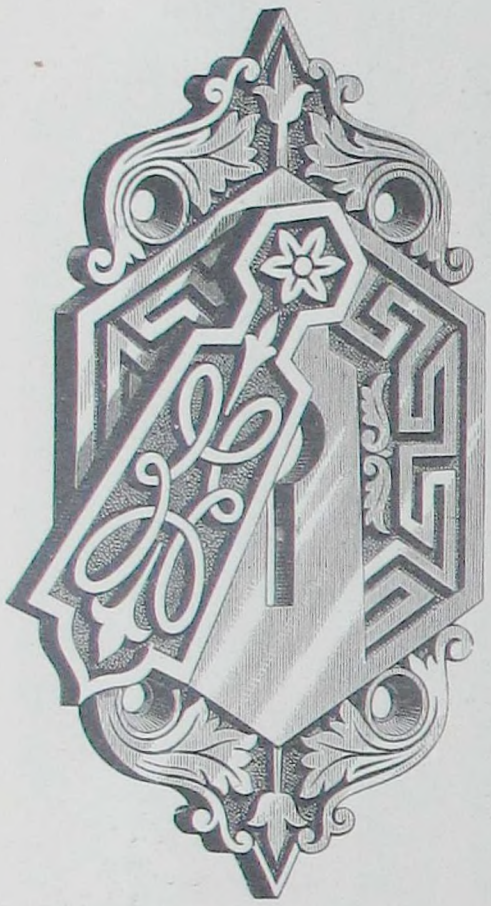
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Key Plates, for Standard locks, see pages 352 and 354 to 356.

REAL BRONZE or BRASS

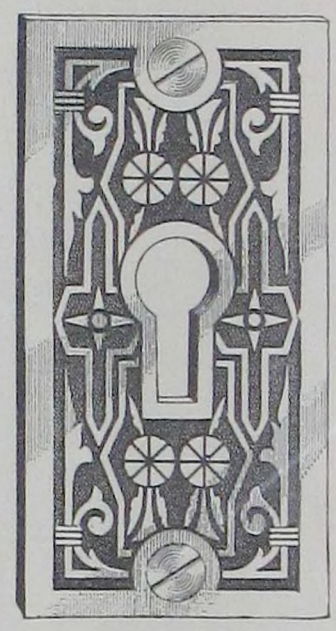
KEY PLATES,

FOR STANDARD LOCKS.



No. 707.

No. 811.



No. 806.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 dozen in a paper box, with screws, complete.

WITH DROP.				WITHOUT DROP.			
No.	Style.	For Locks.	Per Dozen.	No.	Style.	For Locks.	Per Dozen.
706	Ornamental	For ALL Standard Locks.		806	Ornamental	For ALL Standard Locks.	
706P	Plain.			806P	Plain.		
706R	*Ornamental			806R	*Ornamental		
707	Ornamental			807	Ornamental		
				811	Ornamental		

*For this ornamentation see page 345. No. 807 is the same design as No. 707, but without drop.

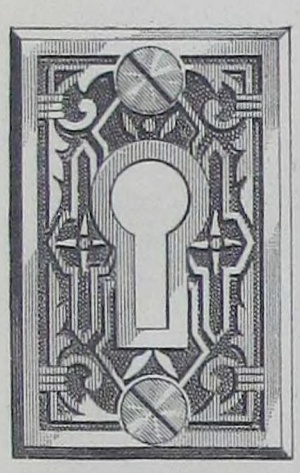
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Key Plates, see pages 352, 353, 355 and 356.

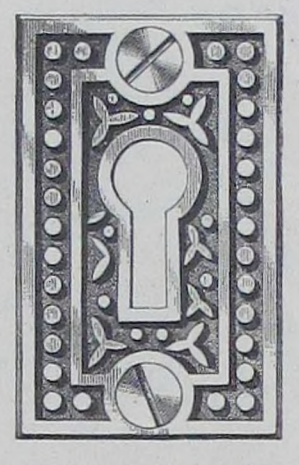
REAL BRONZE or BRASS

KEY PLATES,

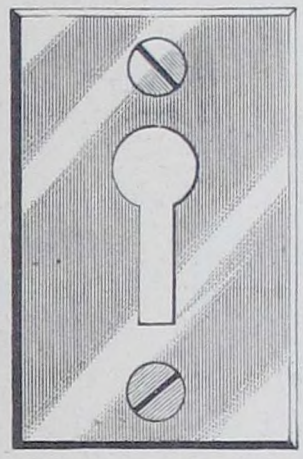
FOR STANDARD LOCKS.



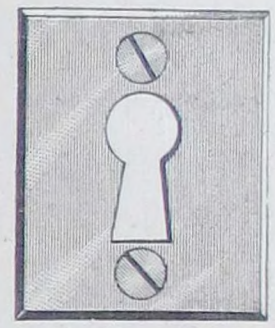
No. 812.



No. 810R.



No. 812P.



No. 818P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 2 dozen in a paper box, with screws, complete.

WITH DROP.				WITHOUT DROP.			
No.	Style.	For Locks.	Per Dozen.	No.	Style.	For Locks.	Per Dozen.
710R	Ornamental.	For ALL Standard Locks.		810R	Ornamental.	For ALL Standard Locks.	
712	Ornamental.			812	Ornamental.		
712P	Plain.			812P	Plain.		
				818P	Plain.		

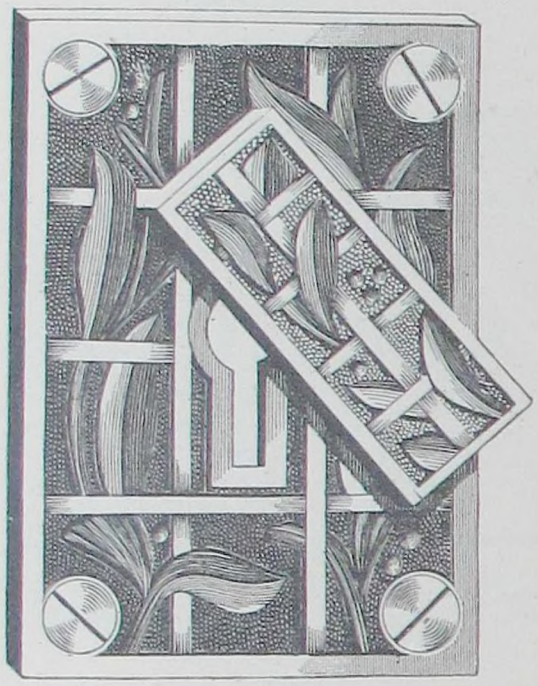
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Key Plates, see pages 352 to 354 and 356.

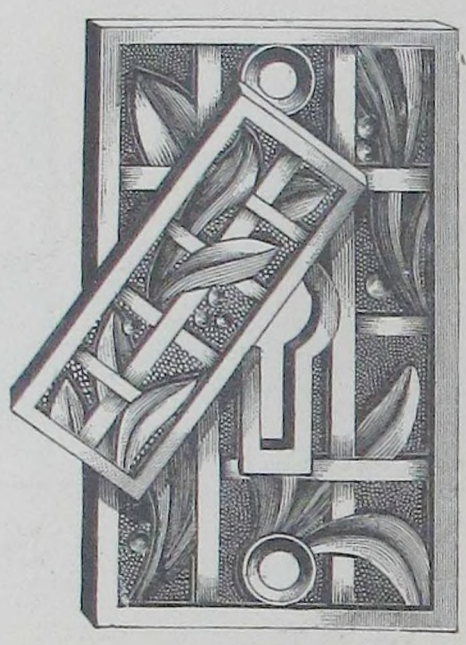
REAL BRONZE or BRASS

KEY PLATES,

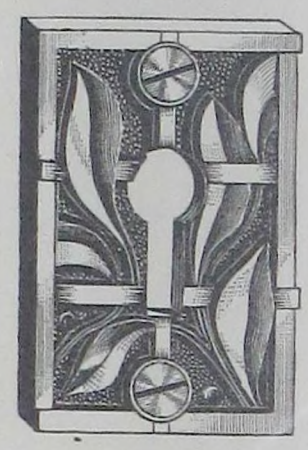
FOR STANDARD LOCKS.



No. 708 HOLLY



No. 706 HOLLY



No. 812 HOLLY

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 dozen in a paper box, with screws, complete.

WITH DROP.				WITHOUT DROP.			
No.	Style.	For Locks.	Per Dozen.	No.	Style.	For Locks.	Per Dozen.
706 Holly	Ornamental.	For ALL Standard Locks.		806 Holly	Ornamental.	For ALL Standard Locks.	
708 Holly	Ornamental.			808 Holly	Ornamental.		
				812 Holly	Ornamental.		

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Key Plates, see pages 352 to 355.

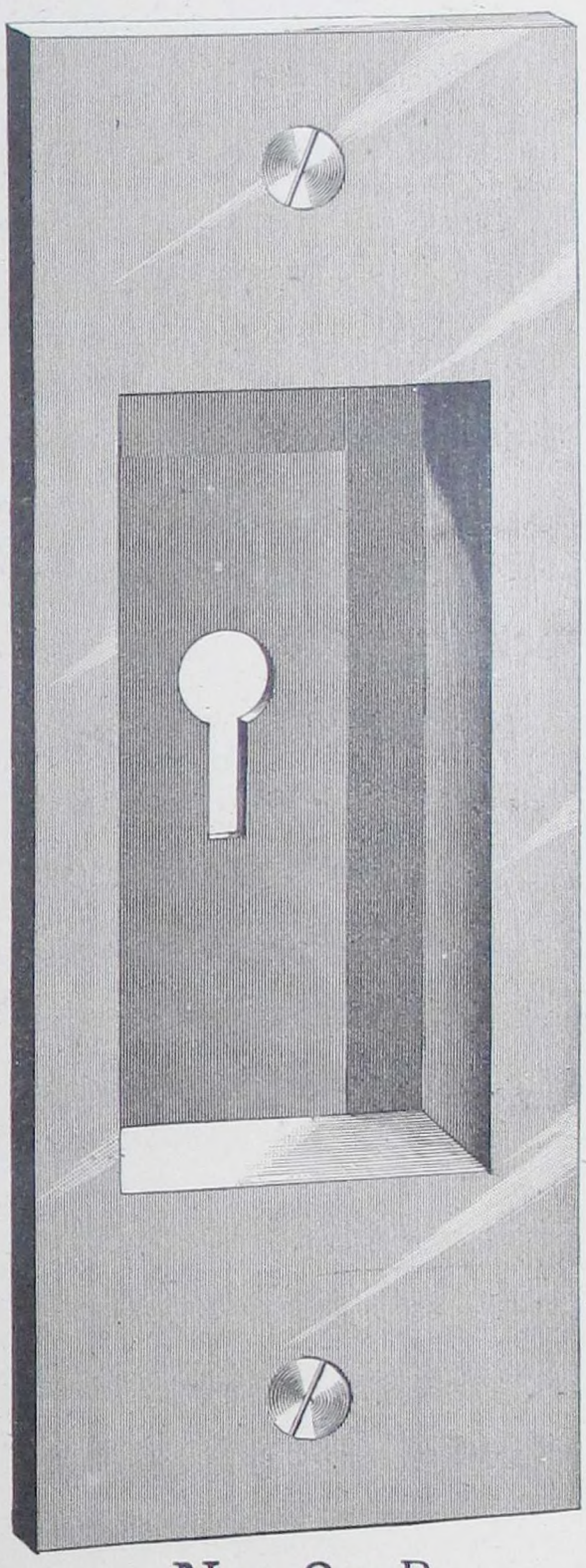
REAL BRONZE or BRASS

FLUSH

CUP ESCUTCHEONS,

FOR SLIDING DOORS.

No. 850.



No. 850P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, 1 dozen in a paper box, with screws, complete.

No	Style.	Size.	Per Dozen.
850	Ornamental Bronze.	6 inches by 3 inches.	
850P	Plain Bronze.	5⅞ inches by 2⅜ inches.	
851P	Nickel-Plated.	5⅞ inches by 2⅜ inches.	

No. 850P is packed regularly with Nos. 1706 and 1726, and No. 851P with Nos. 1704 and 1724, instead of those shown with locks on pages 233 to 235.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308. **For other Cup Escutcheons,** see pages 358 to 361.

REAL BRONZE or BRASS

FLUSH

CUP ESCUTCHEONS,

FOR SLIDING DOORS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

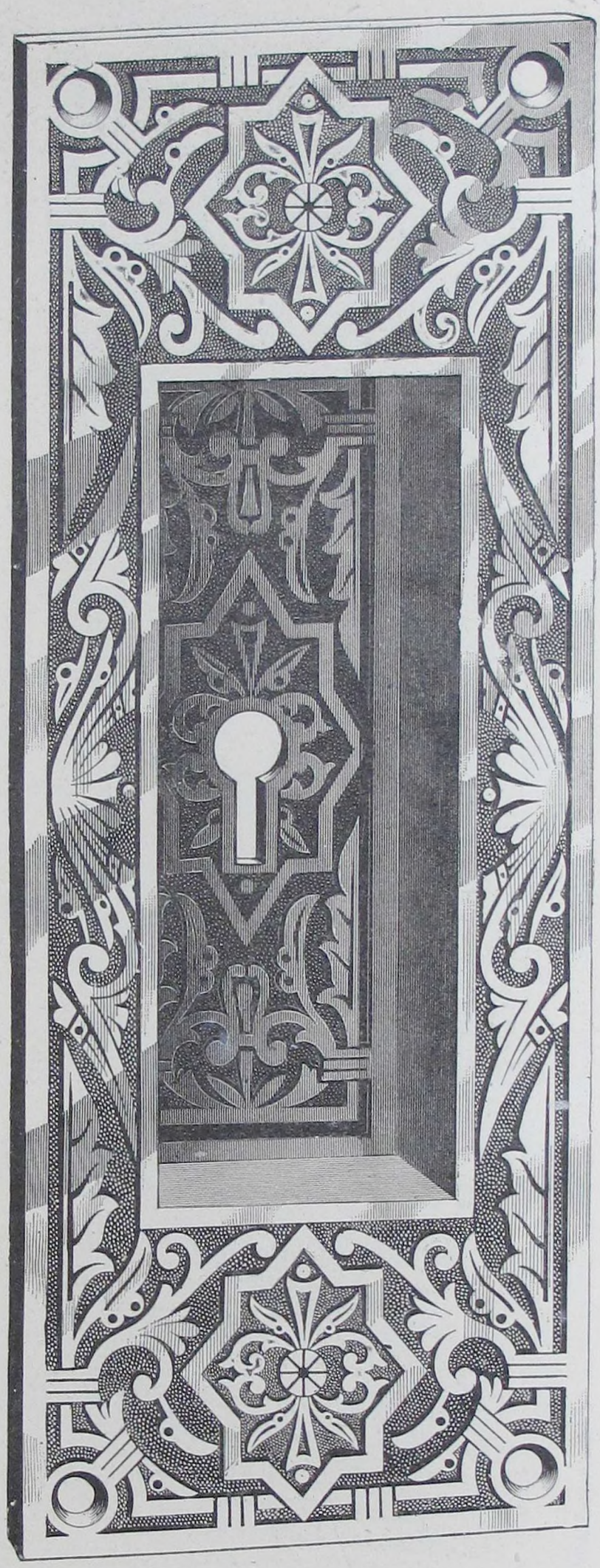
Packed, ½ dozen in a paper box, with screws, complete.

No.	Size.	Style.	Per Dozen.
854	8 inches by 3 inches.	Ornamental Bronze.	
854P	8 inches by 3 inches.	Plain Bronze.	
854R	8 inches by 3 inches.	Ornamental Bronze.	
854 Holly	7 inches by 3 inches.	Ornamental Bronze.	

Illustrations, see pages 359 to 361.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish**, see page 308.

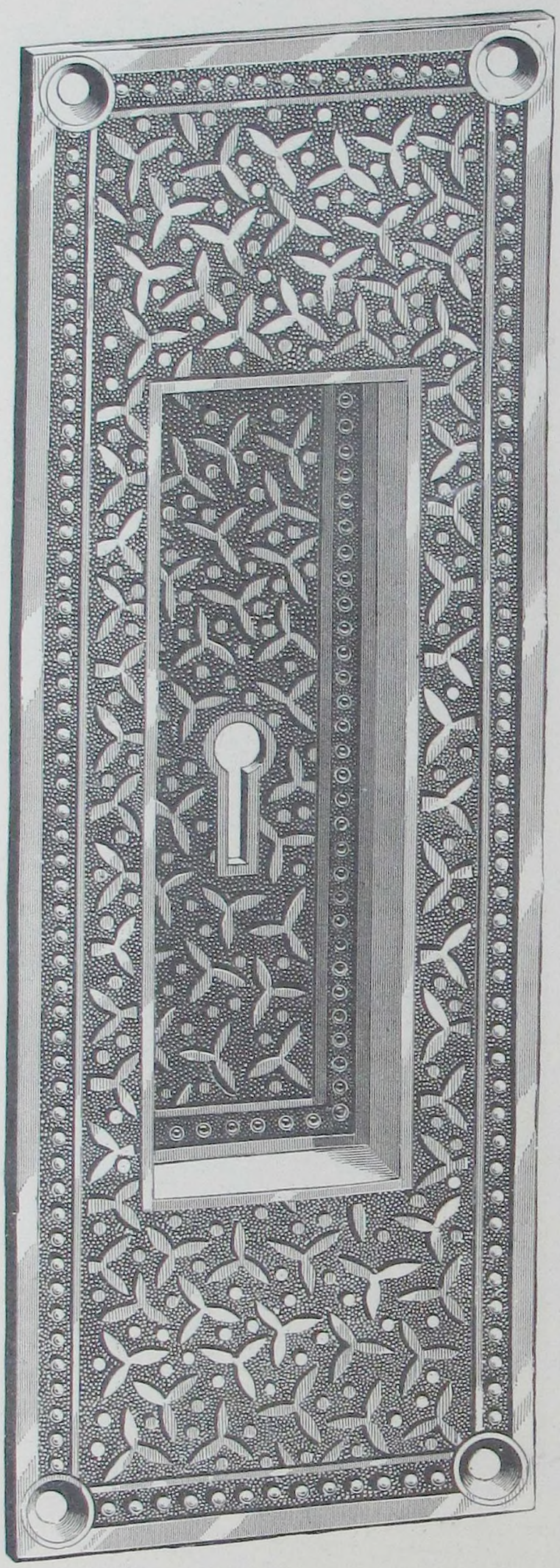
For other Cup Escutcheons, see page 357.



No. 854.

REAL BRONZE OR BRASS CUP ESCUTCHEON.

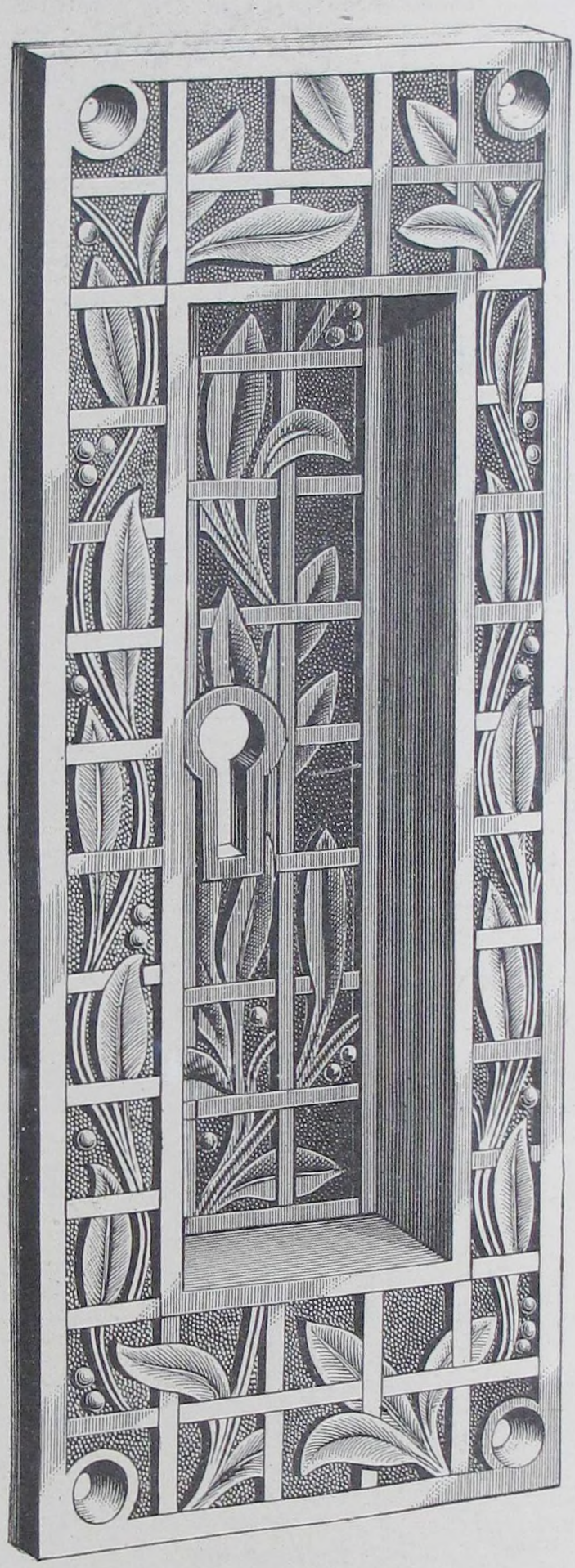
For description, see page 358.



No. 854R.

REAL BRONZE OR BRASS CUP ESCUTCHEONS.

(For description, see page 358.)



No. 854 HOLLY

REAL BRONZE OR BRASS CUP ESCUTCHEONS.

(For description, see page 358.)

REAL BRONZE or BRASS

MORTISE

FLUSH PULLS,

FOR SLIDING DOORS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

For Use with Sliding Door Dead locks, or on doors without locks. Spring Pull may be held back by stop when door is open.

Packed, 1 pair pulls in a paper box, with screws, complete.

Heavy Bronze Front and Pull. **Case,** 3⅝ inches by 2¼ inches.

STRAIGHT FRONT.			ASTRAGAL FRONT.		
No.	Front and Pull.	Per Pair.	No.	Front and Pull.	Per Pair.
57P	Plain, Nickel-Plated.		77P	Plain, Nickel-Plated.	
58P	Plain Bronze.		78P	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

REAL BRONZE or BRASS

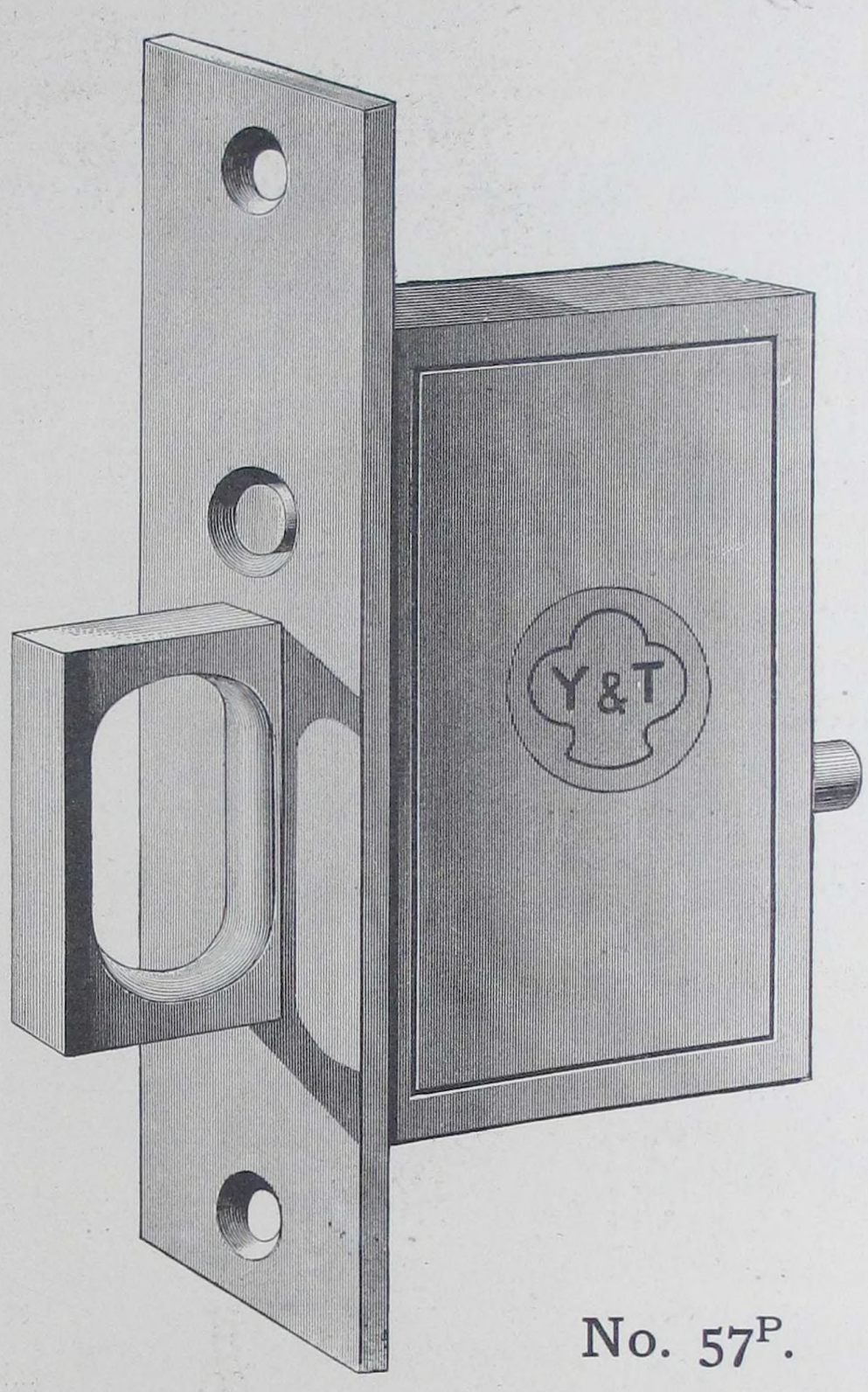
SLIDING DOOR STOPS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

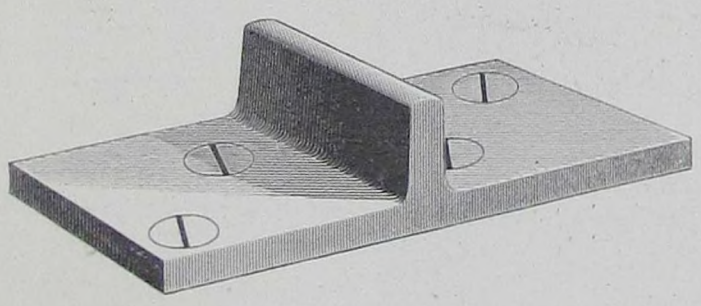
Packed, 1 dozen in a paper box, with screws, complete.

No.	Size.	For Doors with	Style.	Each.
855P	1 inch by 2½ inches.	Straight Face.	Plain Bronze.	
856P	1¼ inches by 2⅝ inches.	Astragal Face.	Plain Bronze.	

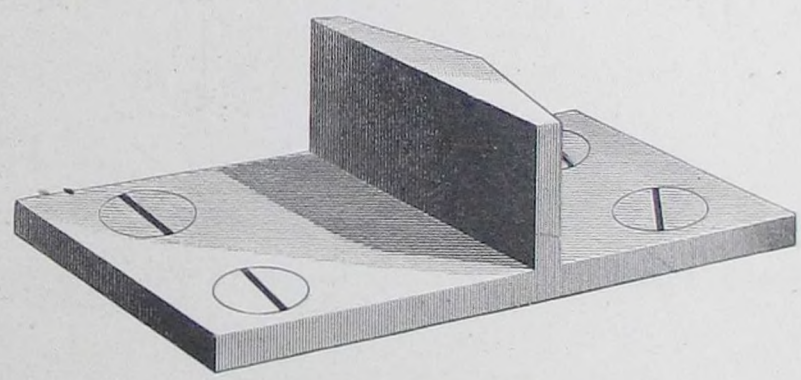
Furnished also in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.



No. 57P.



No. 855P.



No. 856P.

REAL BRONZE OR BRASS

MORTISE SLIDING DOOR FLUSH PULLS

AND SLIDING DOOR STOPS.

REAL BRONZE or BRASS

BAR HANDLES.

For Use as Door Pulls on inside swinging and other doors, and on outside doors of Residences, etc.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

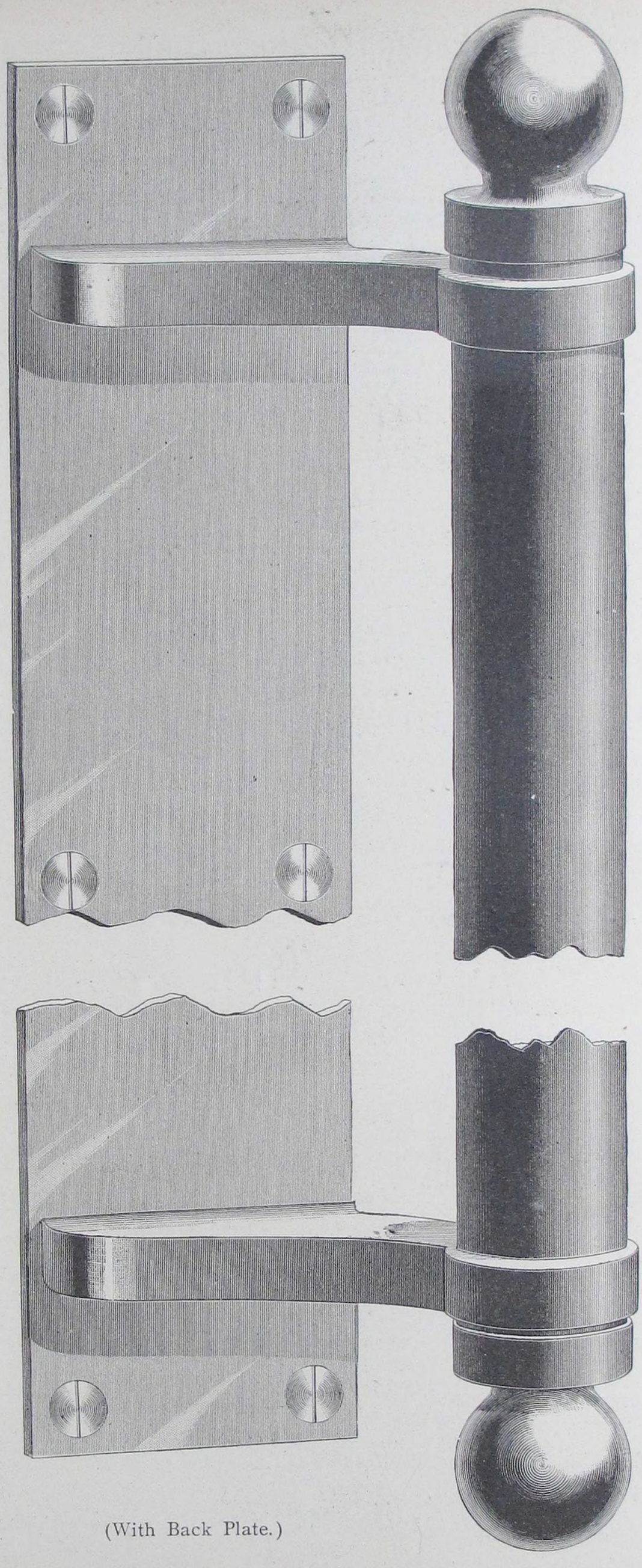
Packed, each handle in a paper box, with screws, complete.

No.	Length of Bar.	Size of Plate.	Style.	Each.
147P	12 inches.	10 inches by 2¼ inches.	Plain Bronze.	
148P	14 inches.	12 inches by 2¼ inches.	Plain Bronze.	
149P	16 inches.	14 inches by 2¼ inches.	Plain Bronze.	

Back Plate. Can be furnished with two plates, each 3 inches by 2¼ inches, instead of long back plate as shown, at a reduction of $ each.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For Door Pulls, see pages 368 to 372.



(With Back Plate.)

REAL BRONZE OR BRASS BAR HANDLES, Nos. 147P to 149P.

REAL BRONZE or BRASS

BAR HANDLES.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

For Use as door pull on outside doors of Public Buildings, etc.

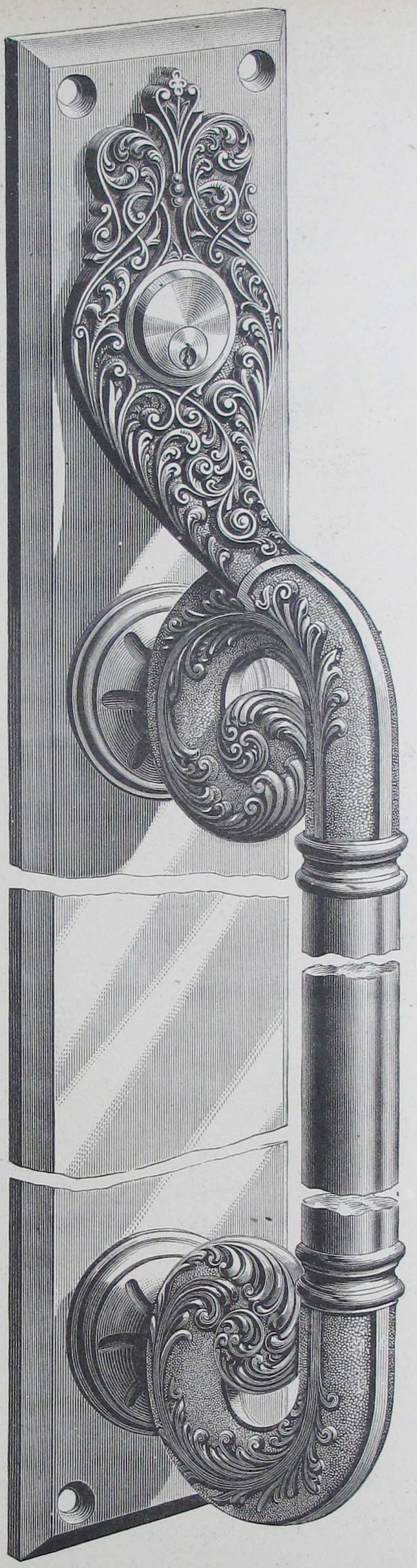
Packed, each handle in a paper box, with screws, complete.

No.	Length of Plate.	Width of Plate.	Length of Handle.	Style.	Each.
159	24 inches.	4 inches.	16 inches.	Ornamental Bronze.	
159P	24 inches.	4 inches.	16 inches.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For same Handles, used in connection with Lock and Latch, see page 130.

For other Bar Handles, see pages 364 and 365. **For Door Pulls,** see pages 368 to 372.



REAL BRONZE OR BRASS BAR HANDLE, No. 159.

REAL BRONZE OR BRASS

DOOR PULLS.

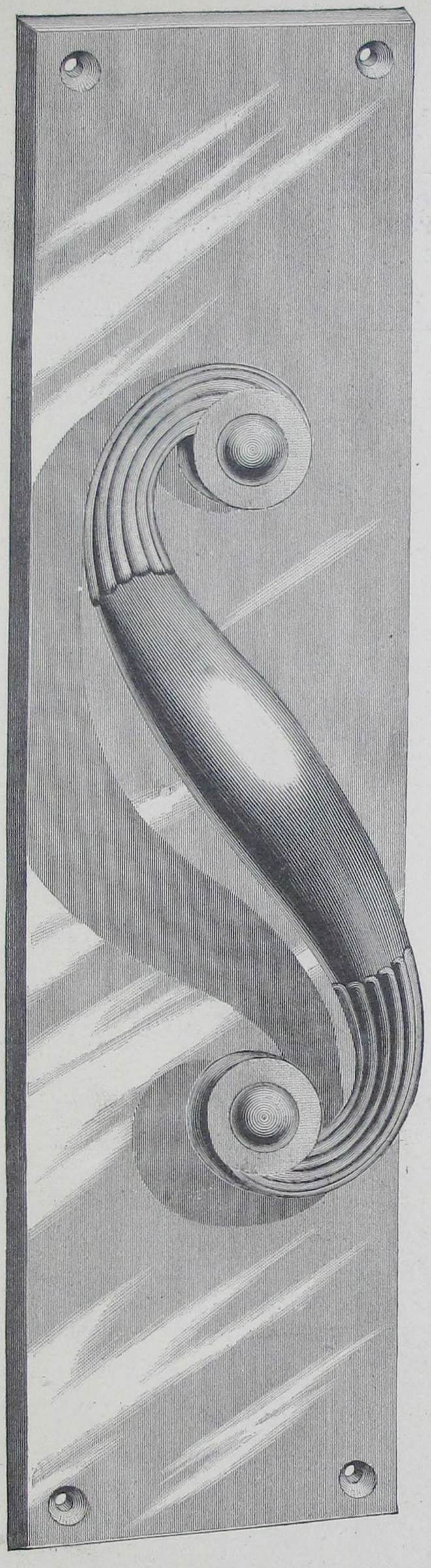
Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, each pull in a paper box, with screws, complete.

No.	Length of Plate.	Width of Plate.	Length of Handle.	Style.	Each.
45P	11 inches.	3 inches.	5 inches.	Plain Bronze.	
45S	11 inches.	3 inches.	5 inches.	Plain Bronze.	
47P	11 inches.	3 inches.	7¼ inches.	Plain Bronze.	
47S	14¼ inches.	4¼ inches.	7¼ inches.	Plain Bronze.	

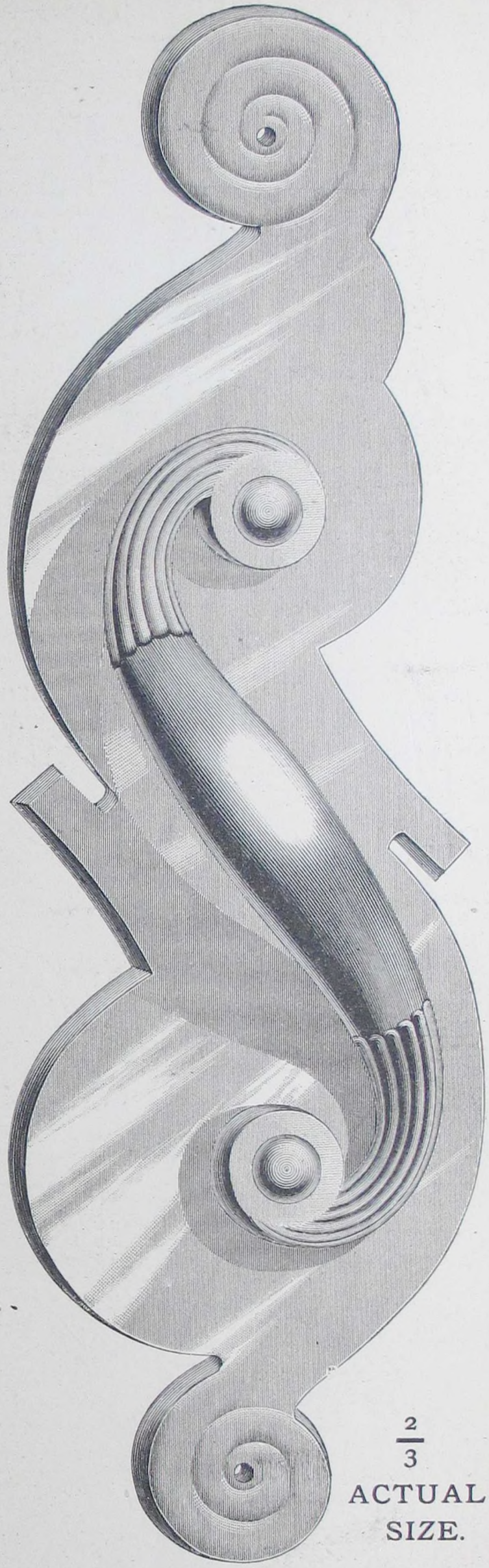
For illustrations, see pages 369 and 370. No. 45P differs from No. 45S only in having a plain instead of a spirally grooved handle.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see pages 308.



$\frac{3}{4}$ ACTUAL SIZE.

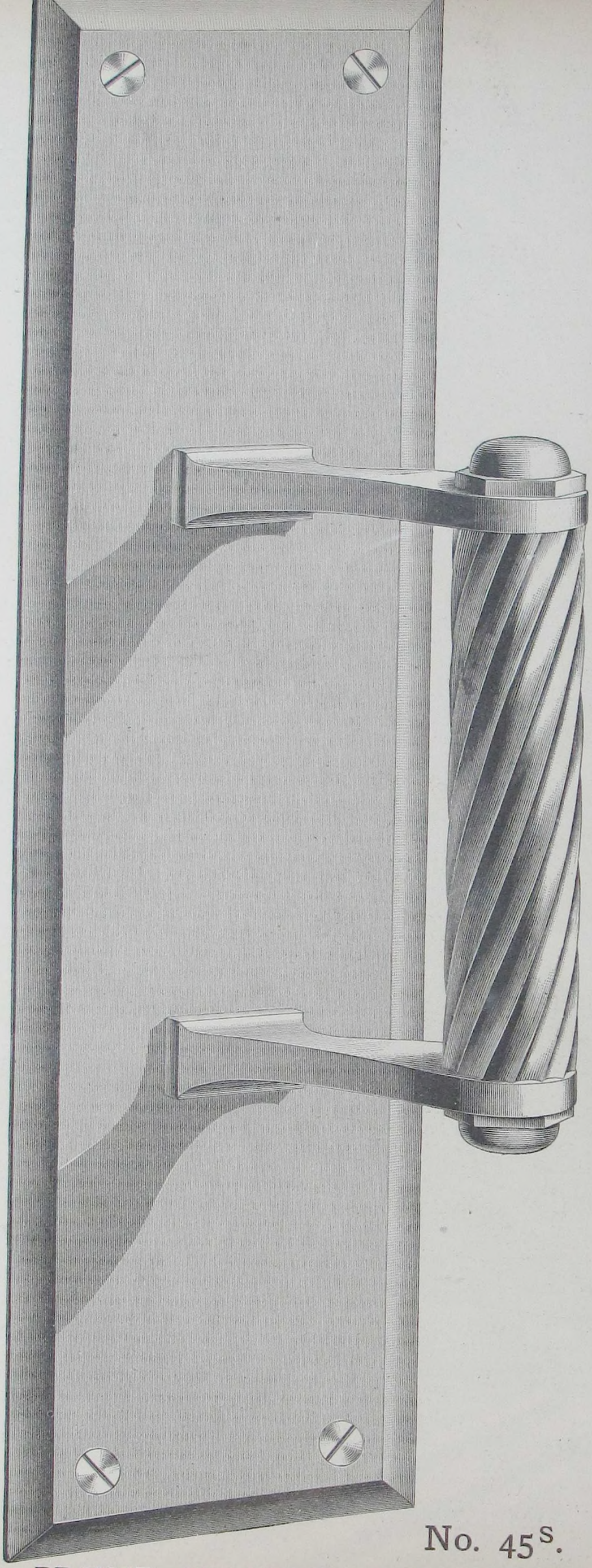
No. 47P.



$\frac{2}{3}$ ACTUAL SIZE.

No. 47S.

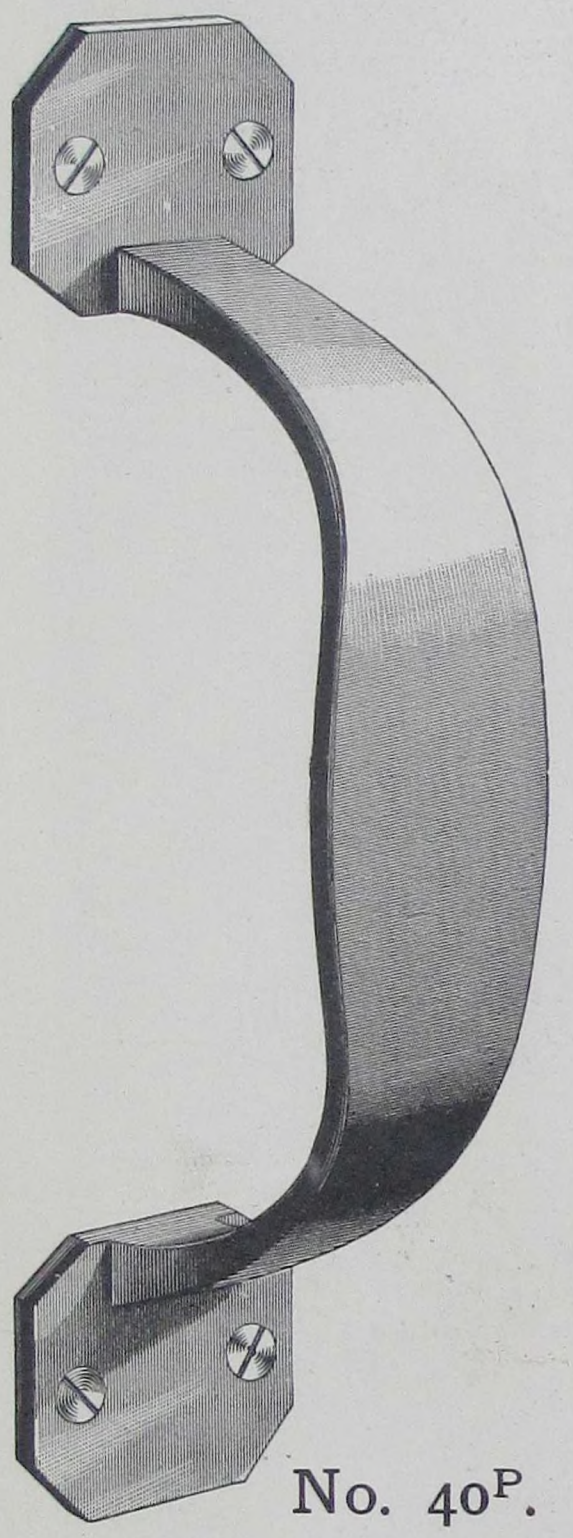
REAL BRONZE OR BRASS DOOR PULLS.



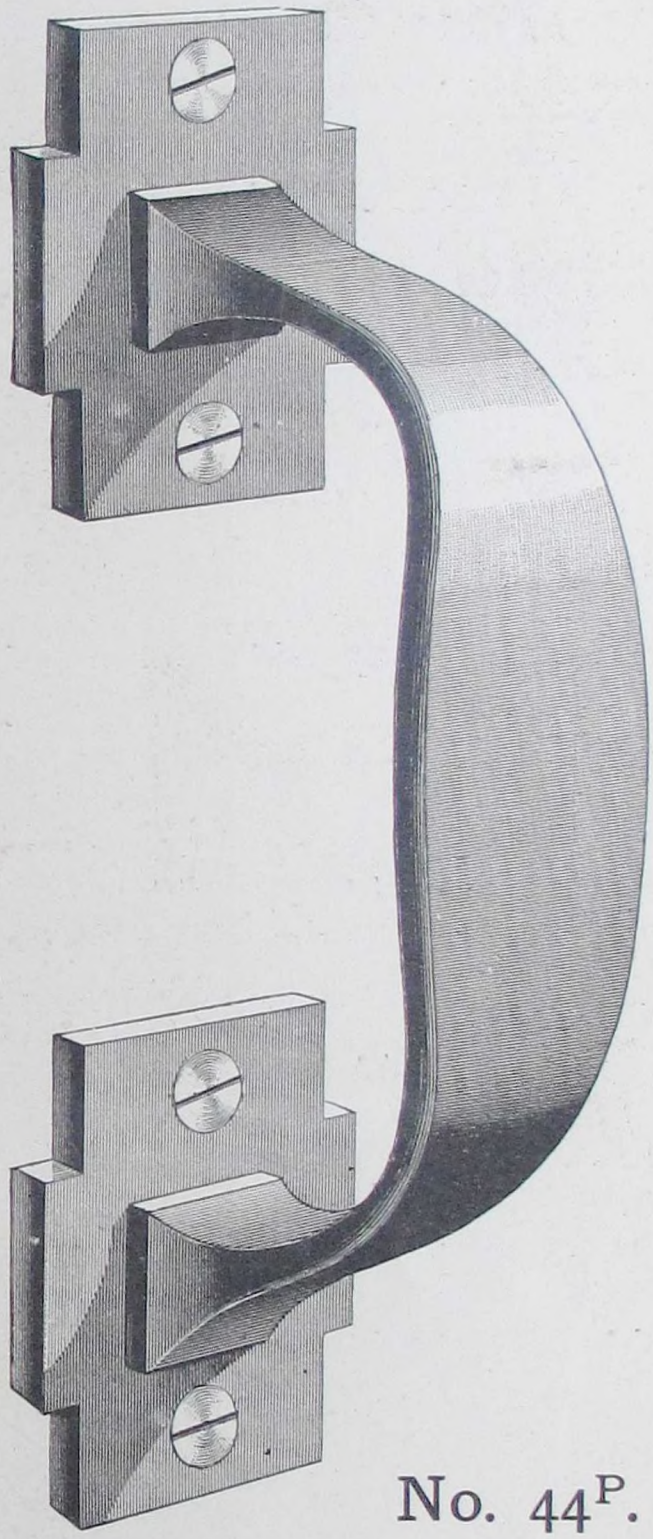
No. 45S.

REAL BRONZE OR BRASS DOOR PULLS.

REAL BRONZE or BRASS
DOOR PULLS.



No. 40P.



No. 44P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, ½ dozen pulls in a paper box, with screws, complete.

No.	Style.	Per Dozen.
40P	Plain Bronze.	
44P	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308. **For Bar Handles,** see pages 364 to 367.

For other styles of Door Pulls, see pages 368 to 370, 372 and 373.

REAL BRONZE or BRASS

OFFSET HANDLES.

These Handles differ from Door Pulls, pages 368 to 371, in being set on the plate at an angle.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and Left. Can be applied to both right and left hand doors.

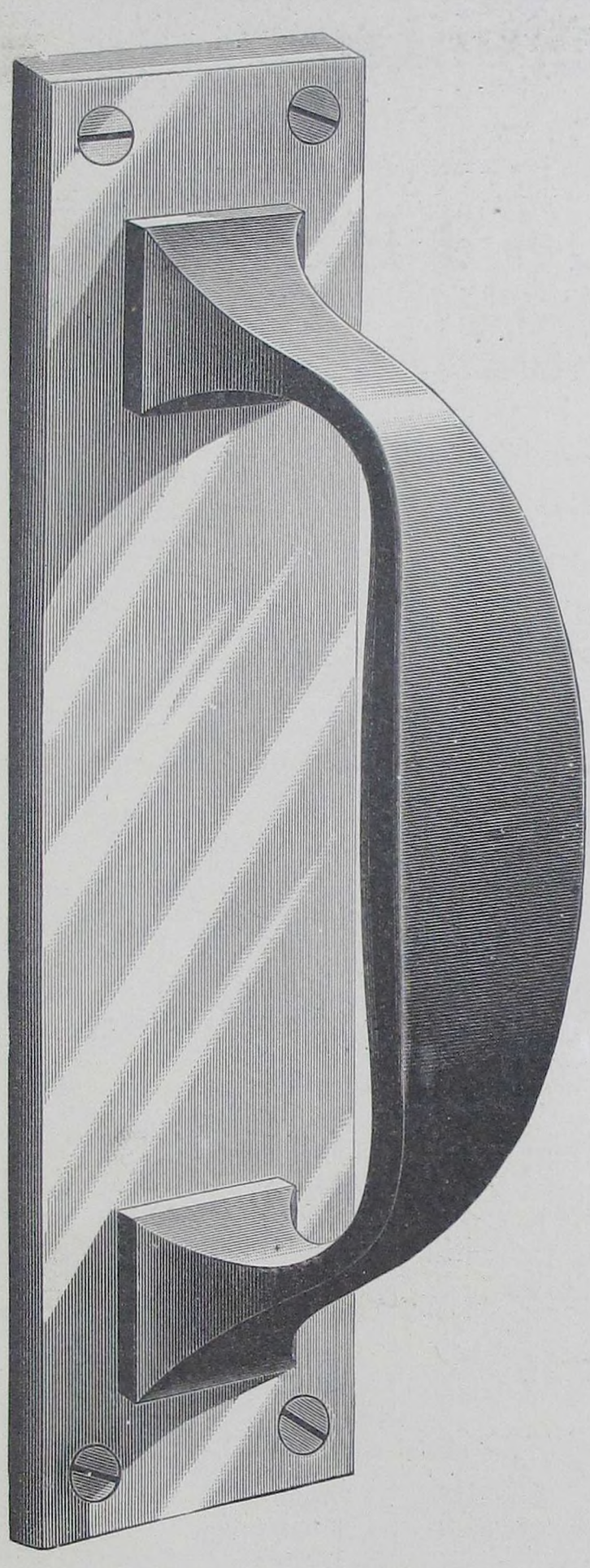
Packed, ¼ dozen handles in a paper box, with screws, complete.

No.	Size of Plates.	Length of Handles.	Style.	Per Dozen.
48P	1⅞ ins. by 7¼ ins	5¾ inches.	Plain Bronze.	
49P	1½ ins. by 2½ ins.	5¾ inches.	Plain Bronze.	

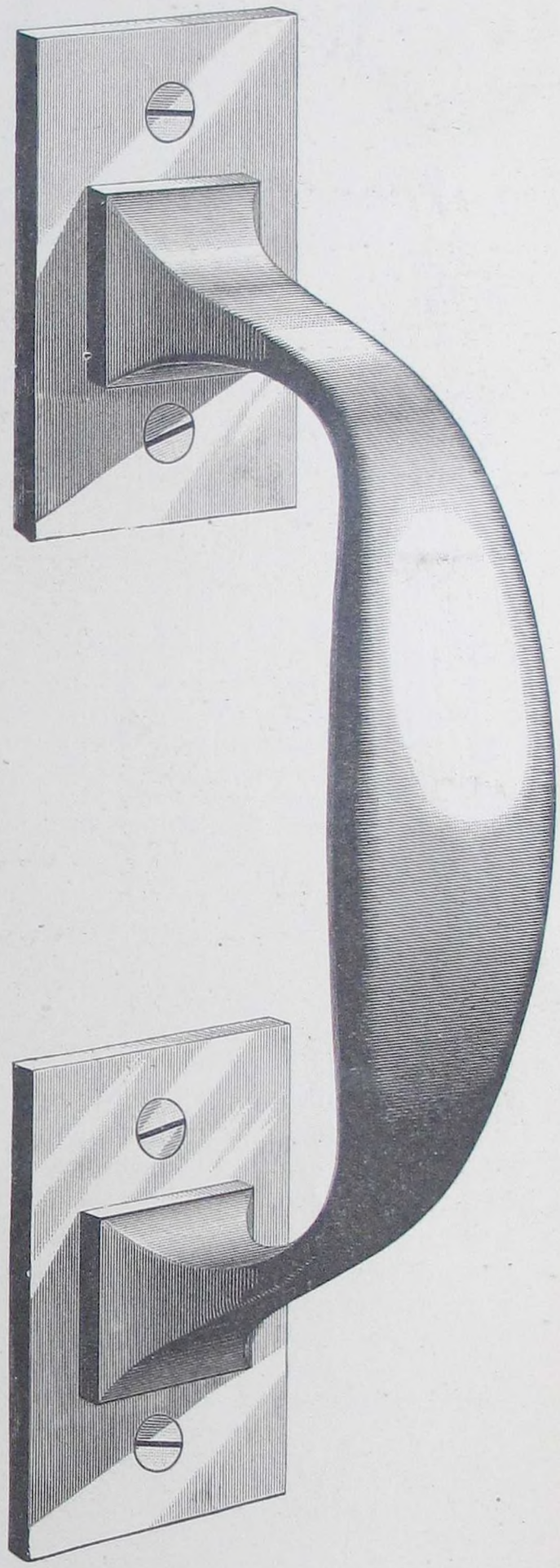
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For Door Pulls, see pages 368 to 371.

For Bar Handles, see pages 364 to 367.



No. 48P.



No. 49P.

REAL BRONZE OR BRASS OFFSET HANDLES.

REAL BRONZE or BRASS

FINGER PLATES,

WITH NARROW BEVEL.

Nos. 1710^{P}, 1710^{R} and 1710^{HOLLY}

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 in a paper box, with screws, complete.

No. 1710^{P}.

Size.	Style.	Each.	Size.	Style.	Each.
5 × 2 inch.	Plain Bronze.		12 × 3 inch.	Plain Bronze.	
8 × 2 inch.	Plain Bronze.		16 × 3 inch.	Plain Bronze.	
10 × 2¼ inch.	Plain Bronze.		18 × 3½ inch.	Plain Bronze.	
12 × 2¼ inch.	Plain Bronze.		12 × 4 inch.	Plain Bronze.	
14 × 2¼ inch.	Plain Bronze.		14¼ × 4 inch.	Plain Bronze.	
5 × 2½ inch.	Plain Bronze.		24 × 4 inch.	Plain Bronze.	
8 × 2½ inch.	Plain Bronze.		14 × 4½ inch.	Plain Bronze.	
9 × 2¾ inch.	Plain Bronze.		16 × 5 inch.	Plain Bronze.	
6 × 3 inch.	Plain Bronze.		21 × 5 inch.	Plain Bronze.	
9 × 3 inch.	Plain Bronze.		20 × 6 inch.	Plain Bronze.	

No 1710^{R}.

Size.	Style.	Each.
8 × 3 inch.	Ornamental.	
14 × 3¼ inch.	Ornamental.	

No. 1710^{HOLLY}

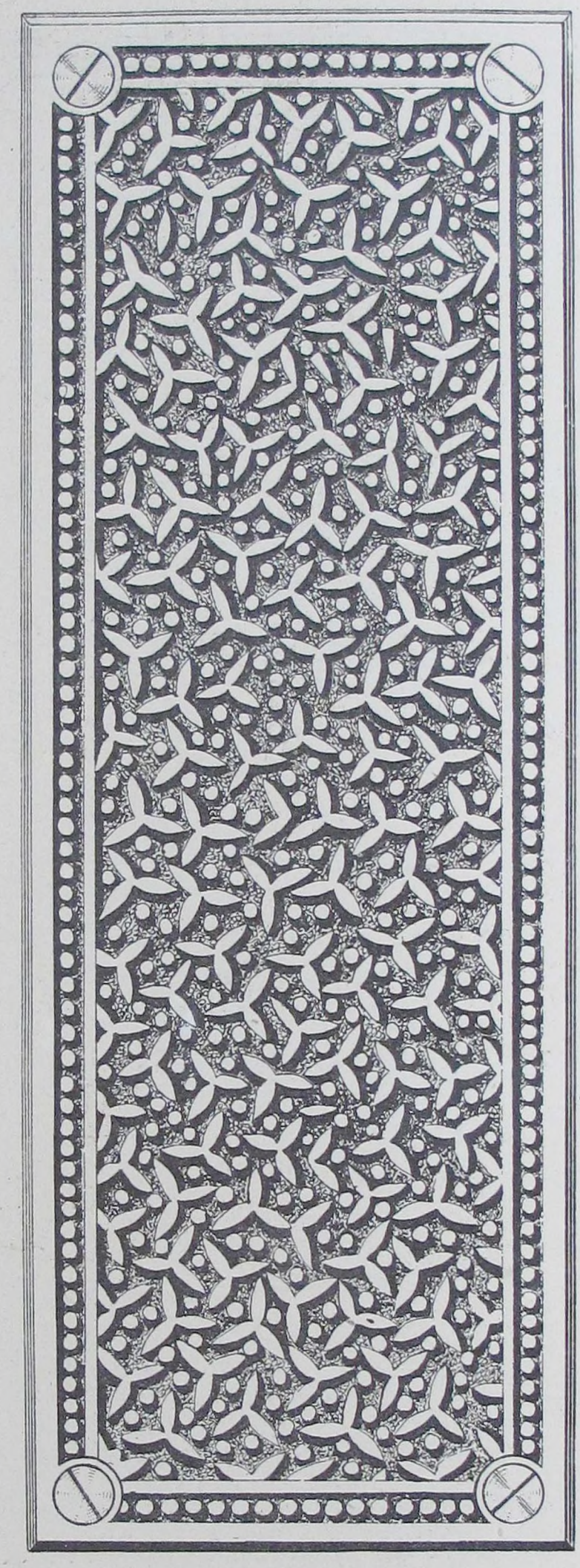
Size.	Style.	Each.
14 × 3¼ inch.	Ornamental.	
11 × 3½ inch.	Ornamental.	

Size. When ordering, specify **No. 1710^{P}, No. 1710^{R}** or **No. 1710^{HOLLY}** with size desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For Finger Plates, with wide bevel, see page 376.

For Push and Pull Plates, see page 378.



No. 1710R.

(8 × 3 inch.)

REAL BRONZE OR BRASS FINGER PLATES.

(NARROW BEVEL.)

REAL BRONZE or BRASS

FINGER PLATES,

WITH WIDE BEVEL.

Nos. 1730P. 1730R and 1730HOLLY

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 in a paper box, with screws, complete.

No. 1730P.

Size.	Style.	Each.	Size.	Style.	Each.
11 × 2¼ inch.	Plain.		10 × 3½ inch.	Plain.	
9 × 2½ inch.	Plain.		18 × 3½ inch.	Plain.	
14 × 2½ inch.	Plain.		24 × 3¾ inch.	Plain.	
20 × 2½ inch.	Plain.		16 × 4 inch.	Plain.	
8 × 3 inch.	Plain.		18 × 4 inch.	Plain.	
11 × 3 inch.	Plain.		20 × 4 inch.	Plain.	
18 × 3 inch.	Plain.		21 × 5½ inch.	Plain.	
14 × 3¼ inch.	Plain.		24 × 5½ inch.	Plain.	

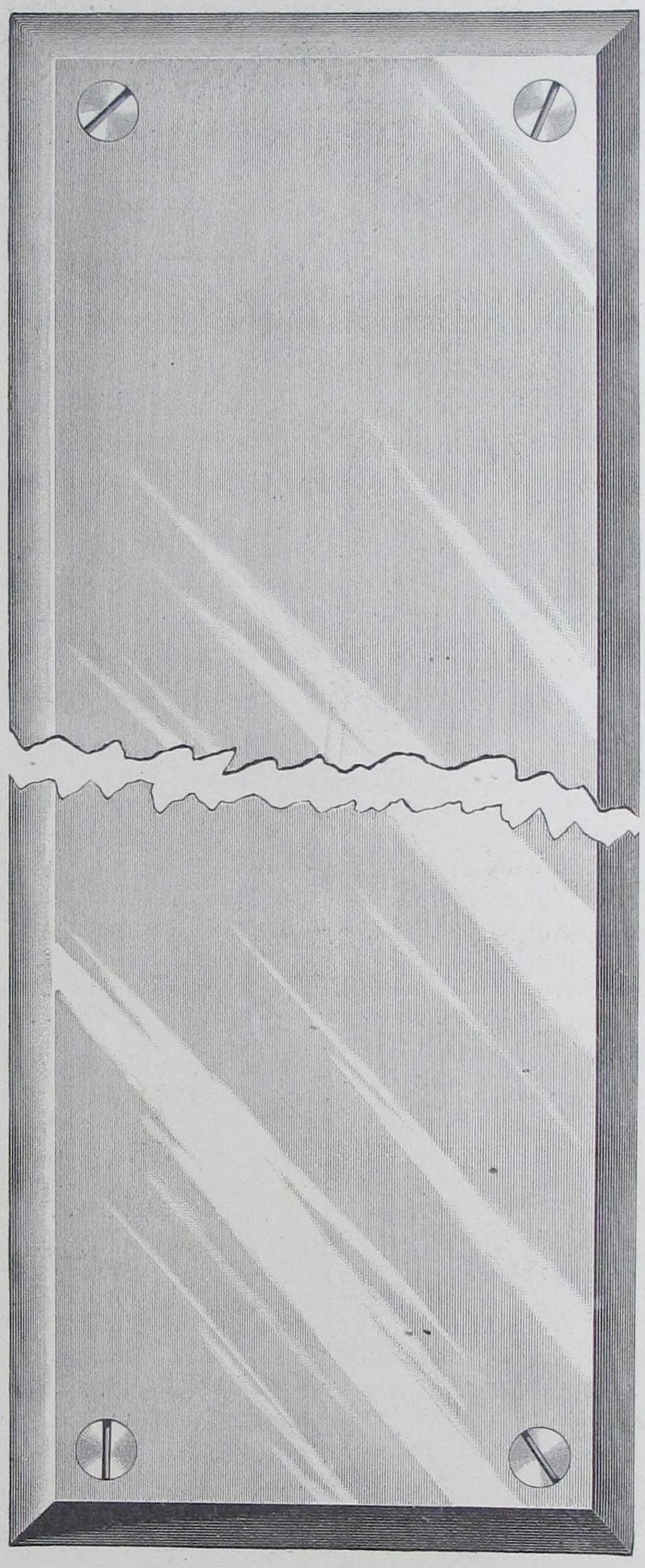
*No. 1730R.			*1730HOLLY		
8 × 3 inch.	Ornamental.		14 × 3¼ inch.	Ornamental.	
14 × 3¼ inch.	Ornamental.		11 × 3½ inch.	Ornamental.	

*For ornamentation of No. 1730R, see illustration of No. 1710R Finger Plate, page 375, and of No. 1730Holly, see illustration of No. 750Holly Butt, page 401.

Size. When ordering specify **No. 1730P, No. 1730R** or **1730HOLLY**, with size desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For Finger Plates, with narrow bevel, see page 374. **For Push and Pull Plates,** see page 378.



No. 1730P.

(14 × 3¼ inch.)

REAL BRONZE OR BRASS FINGER PLATES.
(WIDE BEVEL.)

REAL BRONZE or BRASS

PUSH AND PULL PLATES,

WITH NARROW AND WIDE BEVELS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Lettering. The push and pull plates are lettered, horizontally, vertically (when the size will permit) or as shown in illustration on opposite page, at same prices. Plates will be lettered horizontally unless otherwise ordered.

Packed, 1 plate in a paper box, with screws, complete.

PUSH PLATES.

No. 1715P. (With Narrow Bevel.)

Size.	Style.	Each.
4 × 3 inch.	Plain Bronze.	
8 × 3 inch.	Plain Bronze.	
2 × 3½ inch.	Plain Bronze.	
14 × 3½ inch.	Plain Bronze.	
4 × 4 inch.	Plain Bronze.	
12 × 4 inch.	Plain Bronze.	
16 × 4 inch.	Plain Bronze.	
18 × 4½ inch.	Plain Bronze.	

No. 1735P. (With Wide Bevel.)

Size.	Style.	Each.
10 × 2½ inch.	Plain Bronze.	
8 × 3 inch.	Plain Bronze.	
11 × 3 inch.	Plain Bronze.	
10 × 3½ inch.	Plain Bronze.	
14 × 4 inch.	Plain Bronze.	
16 × 4 inch.	Plain Bronze.	
20 × 4 inch.	Plain Bronze.	
24 × 4½ inch.	Plain Bronze.	

*PULL PLATES. (Without Handles.)

No. 1720P. (With Narrow Bevel.)

Size.	Style.	Each.
4 × 3 inch.	Plain Bronze.	
8 × 3 inch.	Plain Bronze.	
2 × 3½ inch.	Plain Bronze.	
14 × 3½ inch.	Plain Bronze.	
4 × 4 inch.	Plain Bronze.	
12 × 4 inch.	Plain Bronze.	
16 × 4 inch.	Plain Bronze.	
18 × 4½ inch.	Plain Bronze.	

No. 1740P. (With Wide Bevel.)

Size.	Style.	Each.
10 × 2½ inch.	Plain Bronze.	
8 × 3 inch.	Plain Bronze.	
11 × 3 inch.	Plain Bronze.	
10 × 3½ inch.	Plain Bronze.	
14 × 4 inch.	Plain Bronze.	
16 × 4 inch.	Plain Bronze.	
20 × 4 inch.	Plain Bronze.	
24 × 4½ inch.	Plain Bronze.	

Size. When ordering specify **No. 1715P**, **No. 1735P**, **No. 1720P** or **No. 1740P**, and size desired. Also for Pull Plates, state **Handle** desired.

Handles for Pull Plates. Pull Plates of 8 inches in length and over will be furnished with Handles at the following additional prices :

With Handle shown on No. 45s Door Pull, page 370, additional, - - - Each, $
" " " " 47P " " 369, " - - - - - "
" " " " 48P " " 373, " - - - - "

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For Door Pulls, see pages 368 to 373.

For Bar Handles, see pages 364 to 367.

No. 1715P.
(8 × 3 inch.)

REAL BRONZE OR BRASS PUSH AND PULL PLATES.

REAL BRONZE or BRASS

CORNER AND KICK PLATES.

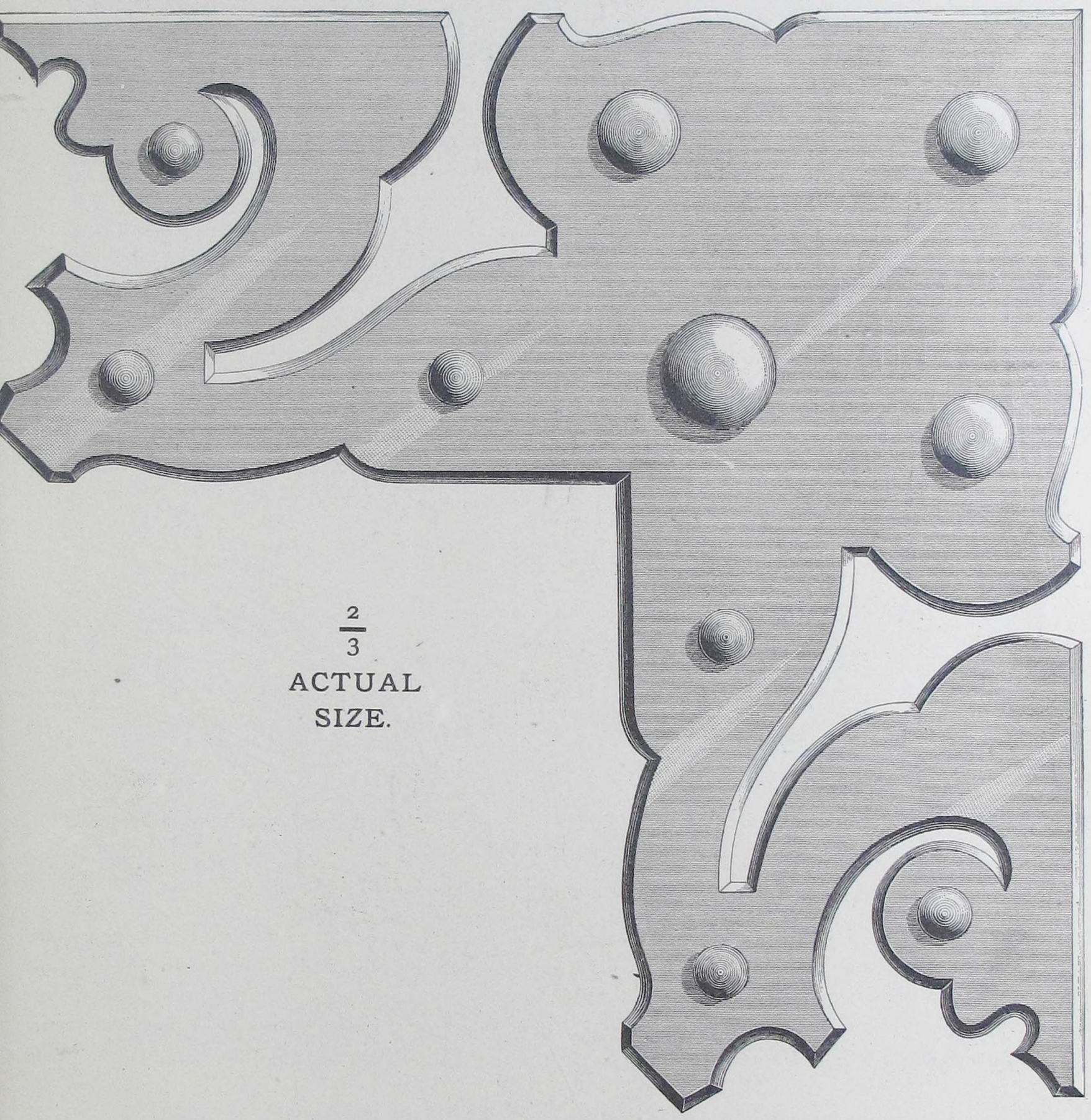
Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, with nails or screws, complete.

No. of Corner Plate.	Extreme Length.	Width.	Style.	Each.
1750P	10½ inches.	4½ inches.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same price. For same plate in **Rustless Iron, Bower-Barff finish,** see page 308.

Photographs of Corner and Kick Plates, of which we have many artistic patterns, both plain and ornamental, will be submitted on request. Rectangular Plates for Kick Plates, in Plain Bronze, Brass, or in Rustless Wrought Iron, can be furnished of any desired dimensions. Prices on application.



$\frac{2}{3}$
ACTUAL
SIZE.

No. 1750P.

REAL BRONZE OR BRASS CORNER AND KICK PLATES.

REAL BRONZE or BRASS

LETTER DROP PLATES,

With Chutes and Mail Receptacles.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, each plate in a paper box, complete.

No.	Size of Opening.	Size of Plate.	Style.	Prices. Without Flap.	Prices. With Inside or Outside Flap.
1502P	7/8 by 7 ins.	3 by 9½ ins.	Plain Bronze.		
1503P	1½ by 7 ins.	3⅜ by 9½ ins.	Plain Bronze.		
1504P	1⅛ by 4¾ ins.	2⅝ by 7¼ ins.	Plain Bronze.		
1505P	1½ by 5½ ins.	3 by 7⅞ ins.	Plain Bronze.		
1506P	1 by 4⅜ ins.	2¼ by 6⅛ ins.	Plain Bronze.		
1507P	1 by 4⅜ ins.	2¼ by 6⅛ ins.	Plain Bronze.		
1506 Holly	1 by 4⅜ ins.	2¼ by 6½ ins.	Ornamental Bronze.		

For prices of above, nickel plated, see Price List.

*No. 1507P has a bronze hood to attach to inner side of door, which serves both to cover the opening in the door, thus making a neat finish on the inside, and also to direct the mail downward. The flap on this Drop Plate, which is always an inside flap, is weighted to produce quicker action in closing.

Above Plates are furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

Cast Iron Chutes, illustrated on page 385, for Nos. 1502P and 1503P, Horizontal, Each, $

Cast Iron Chutes, " " " " " " Vertical - "

(Postage Extra.)

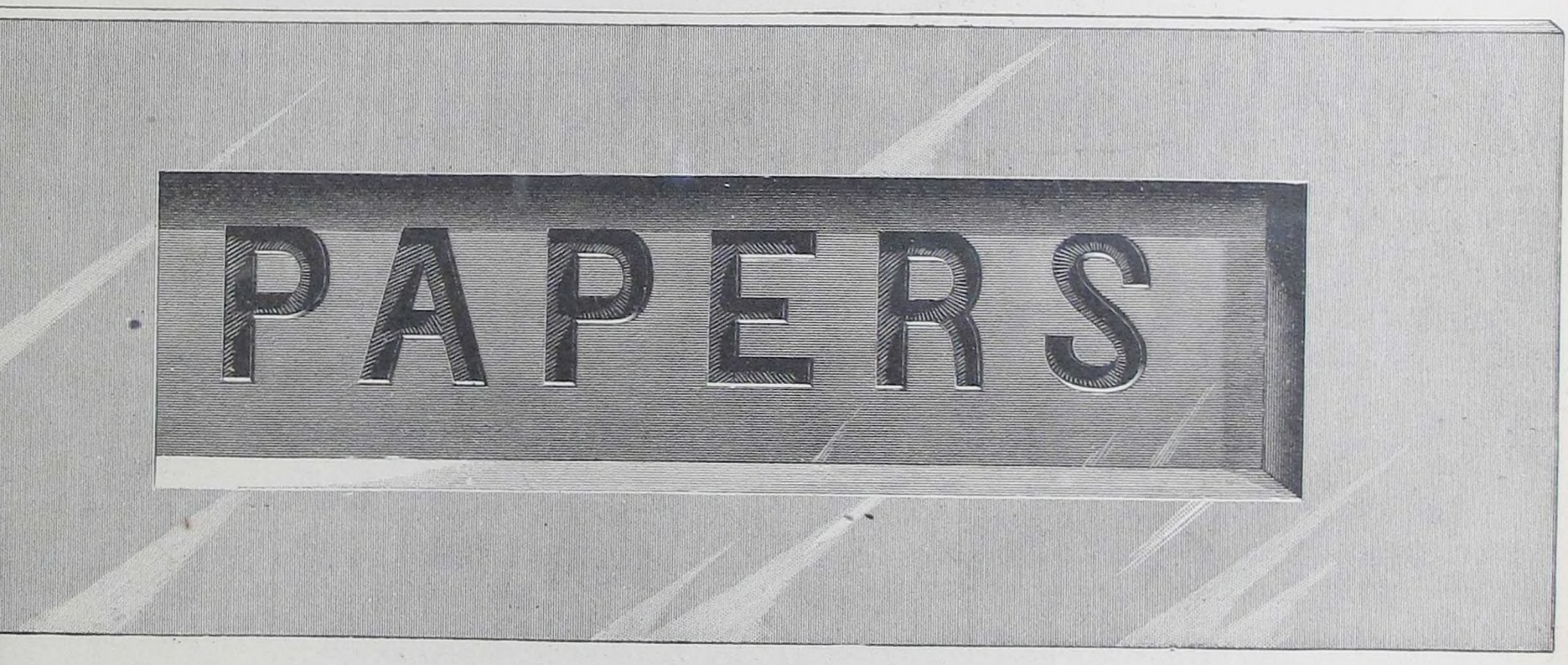
Sheet Iron Chutes, for Nos. 1506P and 1506Holly, postpaid, - - - - - "

Letter Box, of Galvanized wire, for Nos. 1506P and 1506Holly, illustrated on page 385, "

Letter Box, of Galvanized wire, as above, with Padlock No. 8113, - - - "

Letter Box, of Galvanized wire, as above, with Padlock No. 8113, and Letter Drop Plates, Nos. 1506P or 1506Holly, - - - "

No. 1506P.
(With Outside Flap.)

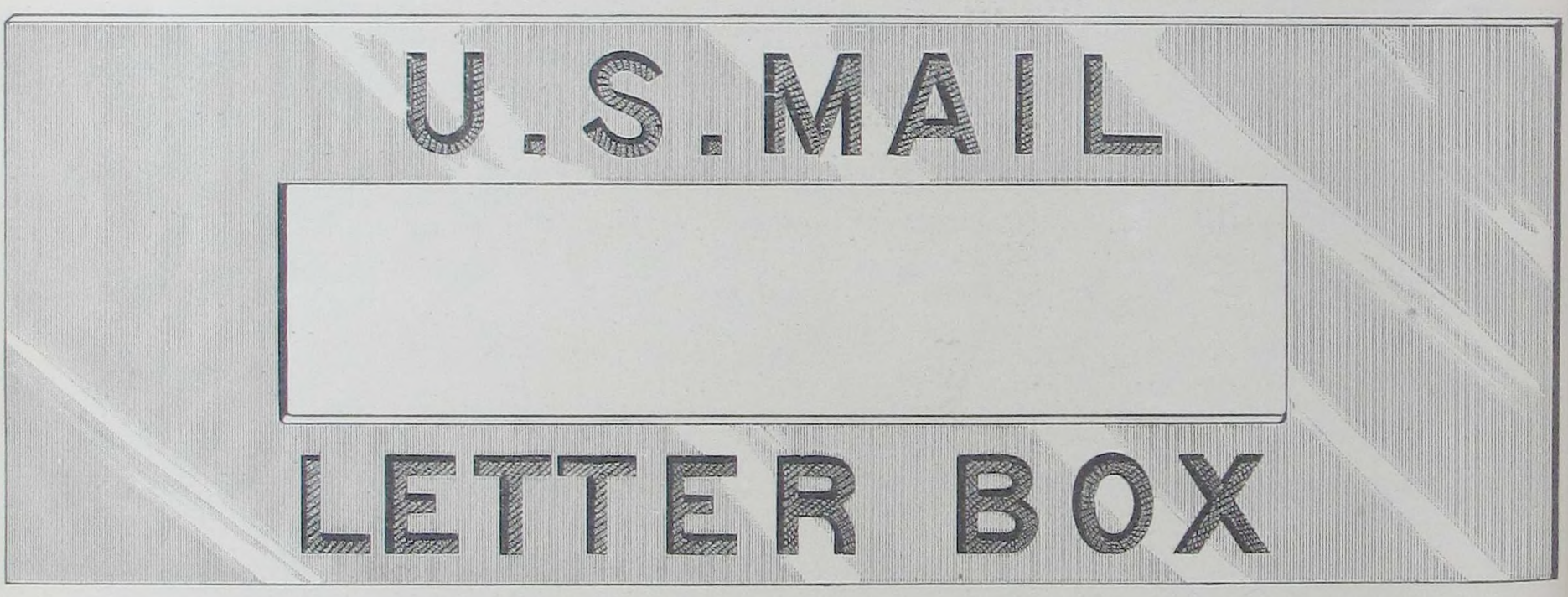


No. 1505P.
(With Inside Flap.)

REAL BRONZE OR BRASS LETTER DROP PLATES.

No. 1506 HOLLY

(With Inside Flap.)



No. 1504P is especially adapted for Hotel and other Counters.

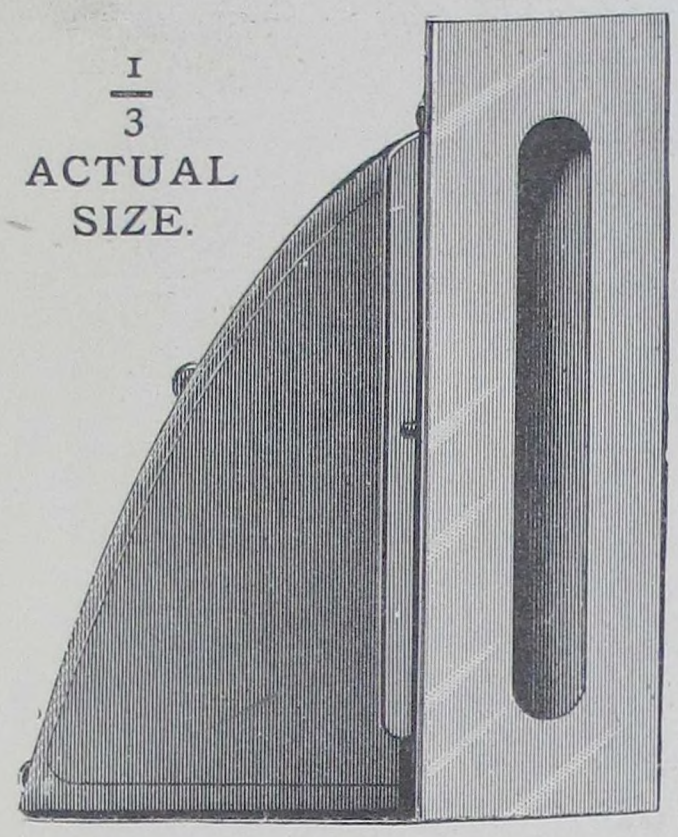
No. 1504P.

(Without Flap.)

REAL BRONZE OR BRASS LETTER DROP PLATES.

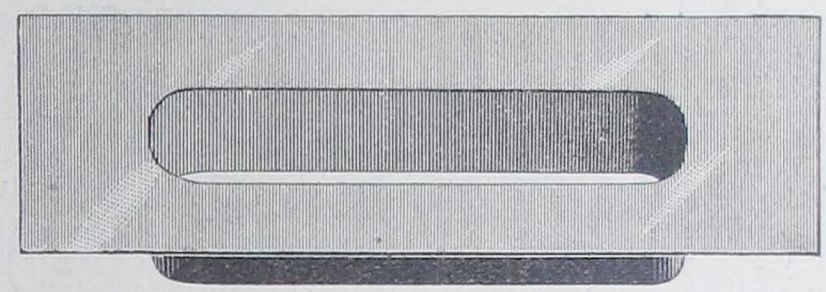
(For description, see page 382.)

1/3 ACTUAL SIZE.

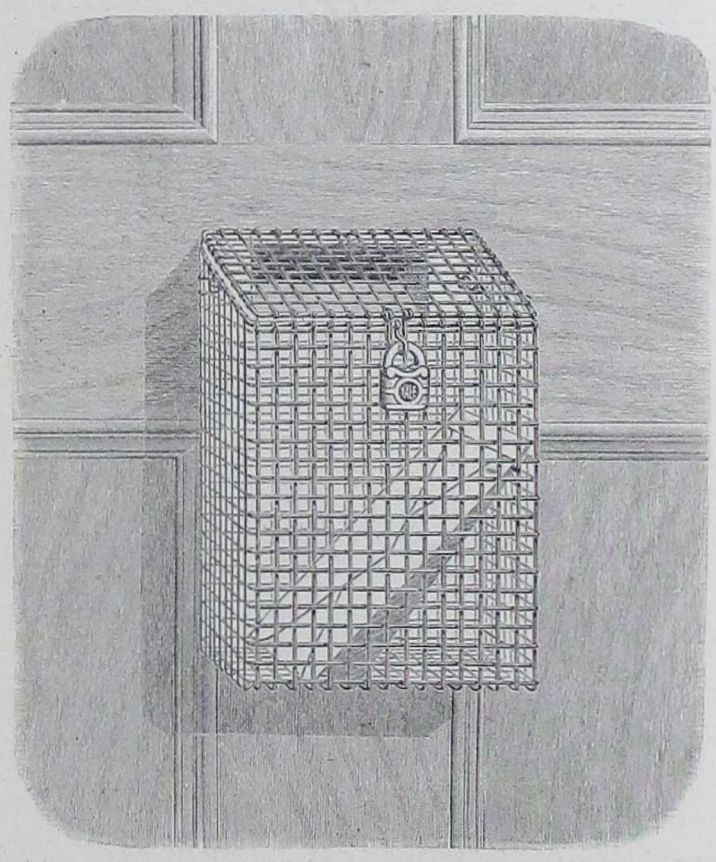


CAST IRON VERTICAL CHUTE,
For Nos. 1502P and 1503P.
(For description, see page 382.)

1/3 ACTUAL SIZE.



CAST IRON HORIZONTAL CHUTE,
For Nos. 1502P and 1503P.
(For description, see page 382.)



1/3 ACTUAL SIZE.

LETTER BOX OF GALVANIZED WIRE, FOR RECEPTION OF MAIL.
(For description, see page 382.)

REAL BRONZE or BRASS

SIGNS

OR

DIRECTION PLATES.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, each plate in a paper box, with screws, complete.

Lettering.	Width of Plates.	Length of Plates.	No.
President,	2¼ inches.	12 inches.	
Secretary,	2¼ inches.	12 inches.	
Treasurer,	2¼ inches.	12 inches.	
Cashier,	2¼ inches.	8 inches.	
Book-keeper,	2¼ inches	12 inches.	
No Admittance,	2¼ inches.	12 inches.	
Private,	2¼ inches	7¾ inches.	
Inquiry,	2¼ inches.	12 inches.	
Packages,	2¼ inches.	12 inches.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

Special Signs, of any size, with any desired lettering, can be furnished.

A full line of Signs, 2¼ × 12 inches, for Post Office use, kept always in stock. Prices same as those of same size in table above.

REAL BRONZE OR BRASS SIGNS OR DIRECTION PLATES.

YALE

SELF-LUBRICATING

BUTTS.

PATENTED NOVEMBER 22, 1887.

The difficulties and annoyances which have been caused in every house by squeaking Butts and Hinges, and the expense which has been incurred from the bearing wearing down in consequence of lack of lubrication, led us to give the question careful study, and resulted in the production of the Butt with lubricated bearings, illustrated on the opposite page.

The device consists in the use of perforated washers or plates, which may be either loose or let into the knuckles of the Butts, the holes or perforations being filled with a non-fluid lubricant. Now the presence of this lubricant almost absolutely prevents wear, and should any wear whatever occur more lubricant is exposed and all creaking is prevented.

Experimental tests of these Butts under the most extreme service have demonstrated that they are practically indestructible. In a series of competitive tests these Butts have withstood uninjured an amount of wear which has destroyed other Butts which have a good reputation in the market.

An experience of several years, and under many severe conditions in actual use on buildings, has confirmed the results of the experimental tests, and we recommend the Yale Self-Lubricating Butts as the best in the market.

For sizes and designs of above in Loose Pin Butts, see pages 396 to 409, and in Fast Joint Butts, pages 410 and 411.

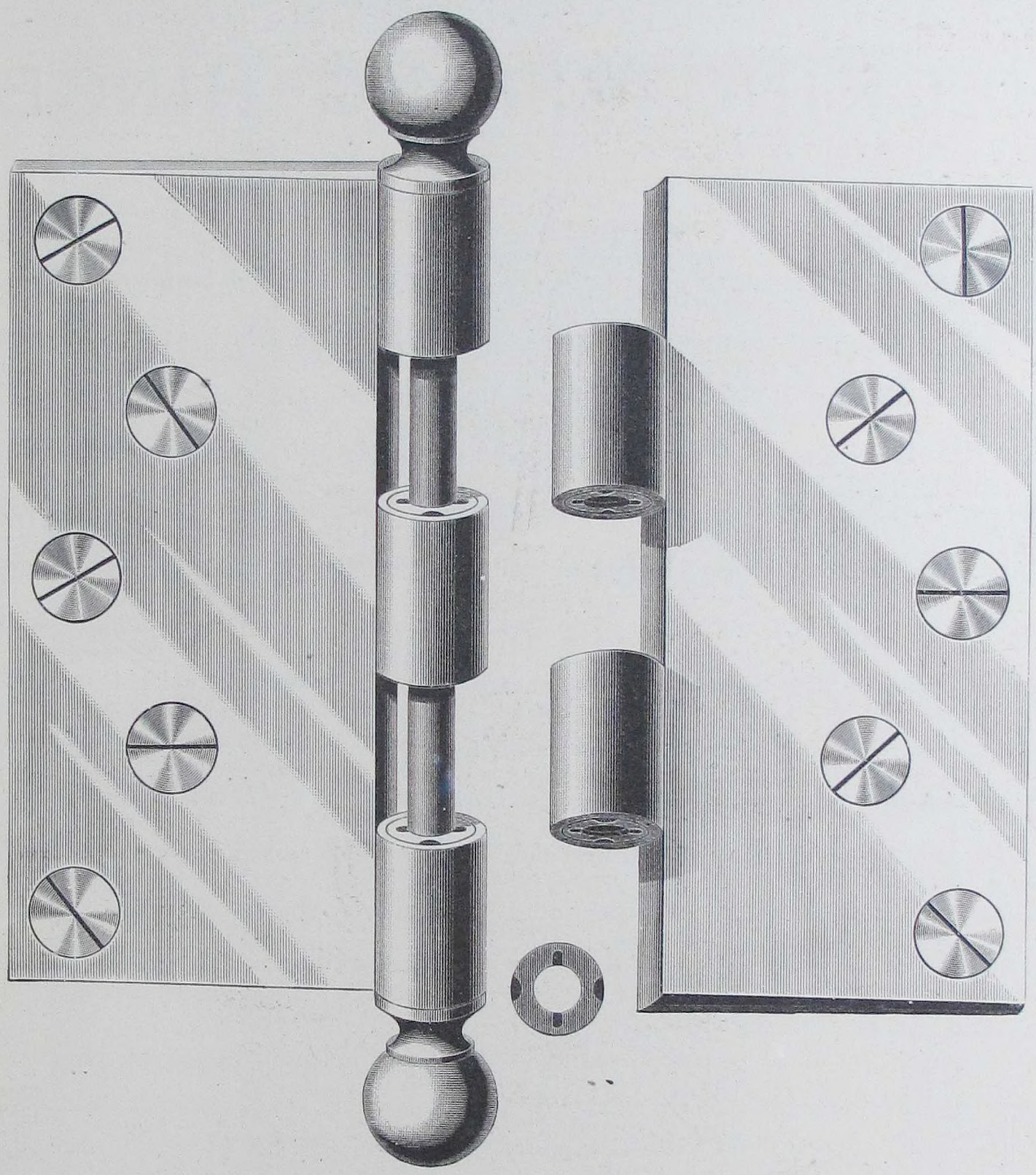


ILLUSTRATION SHOWING LOOSE PIN BUTT

WITH LUBRICATING BEARINGS.

(For description, see opposite page.)

PATENT HYDRAULIC

CHECKING SPRING HINGES.

For Use especially on double-acting doors, but may be applied to doors which open only one way.

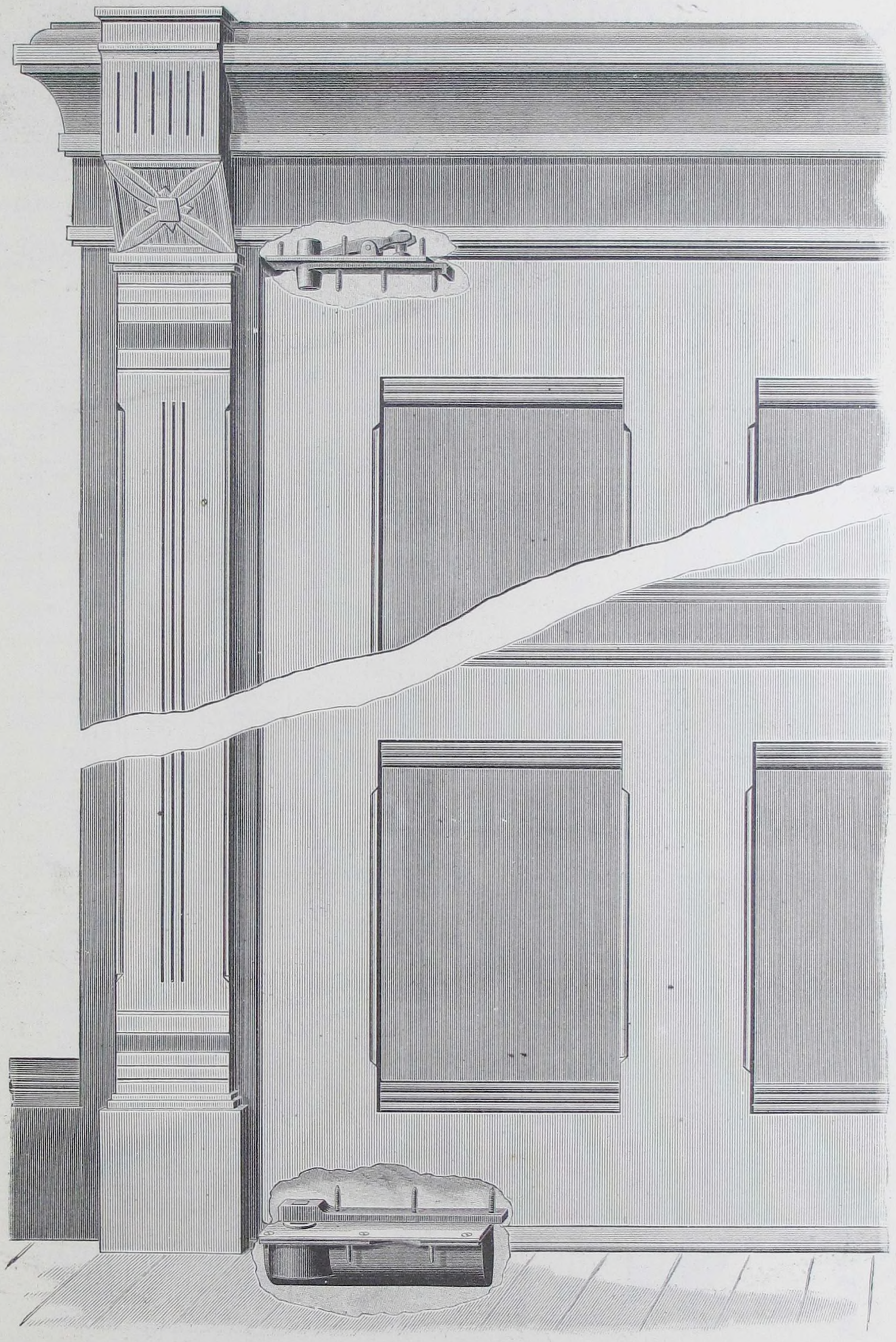
Operated. The operating mechanism is contained in a cylindrical casing, which is let flush into the floor or sill beneath the door, so that there are no unsightly projections on the door or frame.

Description. The working parts are made of steel, and the casing which contains the mechanism is filled with a lubricating liquid, thus insuring durability and smooth working. The liquid used is a non-freezing mixture, and the casing being practically air tight, there is little or no evaporation, and dust is excluded. As there is only one spring used as against four in a pair of ordinary double acting spring hinges, and that is compressed and not twisted, the liability of breaking is reduced to a minimum or indeed entirely overcome. The mechanism is so contrived that the greatest pressure of the spring is applied when the door is closed. In closing the door shuts quickly until it is three-fourths closed, at which point it cushions against the liquid and then travels more slowly the rest of the distance and stops in its proper position, thus preventing slamming, etc. There is absolutely no noise or violence. The closing speed of the door is controlled by a regulating screw, which is operated from the surface.

No.	For Doors (Size.)	For Doors (Thickness.)	Each.
1	Up to 7 ft. 6 ins. by 2 ft. 9 ins.	1½ to 2 ins. thick.	
2	Up to 8 ft. by 3 ft. 6 ins.	2 to 2½ ins. thick.	

For outside doors, exposed to high winds, we would recommend the larger size spring.

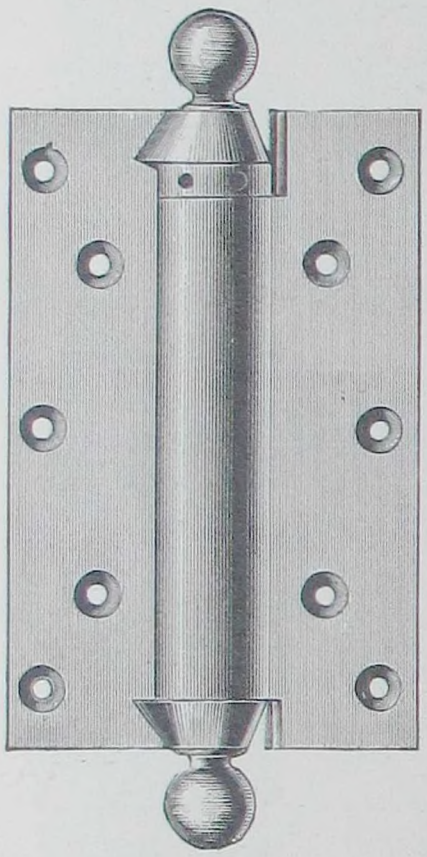
For other Spring Hinges, see pages 392 to 395.

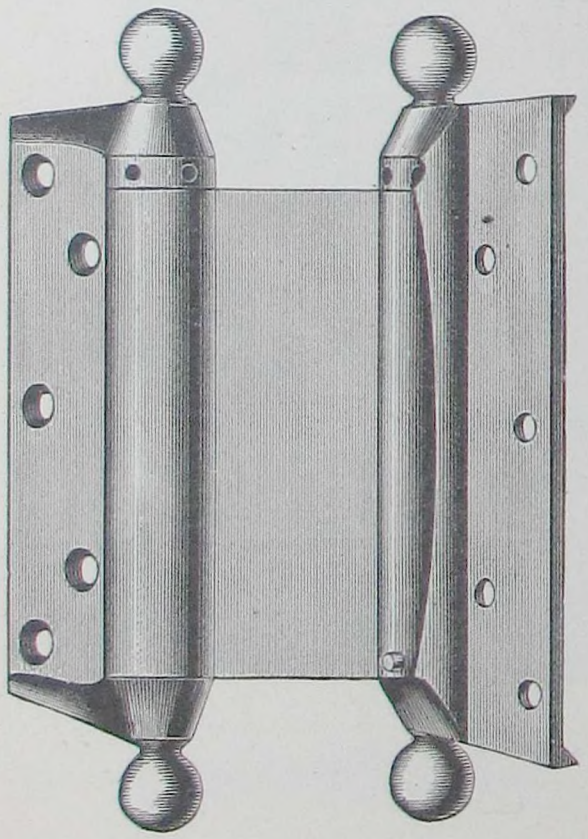


PATENT HYDRAULIC CHECKING SPRING HINGE.

COMPOUND SPIRAL
SPRING HINGES,
SINGLE AND DOUBLE ACTING.
(BOMMER'S PATENT.)

Finish, see pages 14 and 308. Furnished, as below, the Bronze in Natural Color, unless otherwise ordered.
Bower-Barff Rustless Iron finish will be furnished, if desired, see page 308.
Operation. Within the spring of each hinge there are one or more auxilliary springs, while greatly increasing the power, this arrangement gives such elasticity to the springs that the heaviest door may be opened to its full extent without exertion, and will close without slamming.
Right and **Left.** Can be applied at will both to right and left hand doors.
Packed, in paper boxes, one pair in each box.





SINGLE ACTING.

Sizes of Flanges. (Inches.)	Japanned. No.	Japanned. Per Pair.	Bronzed or Nickel-Plated. No.	Bronzed or Nickel-Plated. Per Pair.	Real Bronze. No.	Real Bronze. Per Pair.
3 × 7/8	5000*		5050		5100	
4 × 1 1/8	5001*		5051		5101	
4 × 2	5002		5052		5102	
5 × 1 1/4	5005*		5055		5105	
5 × 2 1/2	5006		5056		5106	
5 × 3 5/8	5007		5057		5107	
6 × 1 1/2	5009*		5059		5109	
6 × 2	5010		5060		5110	
6 × 2 3/4	5011		5061		5111	
7 × 1 5/8	5013*		5063		5113	
7 × 2 3/8	5014		5064		5114	
7 × 3 1/8	5015		5065		5115	
8 × 1 7/8	5017*		5067		5117	
8 × 3	5018		5068		5118	
10 × 2 1/4	5021*		5071		5121	
10 × 3	5022		5072		5122	
12 × 2 3/8	5025*		5075		5125	
12 × 3 3/4	5026		5076		5126	

DOUBLE ACTING.

3 × 7/8	5029*		5079		5129	
4 × 7/8	5030*		5080		5130	
4 × 1 1/4	5031		5081		5131	
5 × 1 1/4	5033*		5083		5133	
6 × 1 3/8	5036*		5086		5136	
6 × 1 3/4	5037		5087		5137	
7 × 1 3/4	5039*		5089		5139	
7 × 2 1/4	5040		5090		5140	
8 × 1 7/8	5042*		5092		5142	
8 × 2	5042 1/2		5092 1/2		5142 1/2	
8 × 2 5/8	5043		5093		5143	
10 × 1 1/2	5045*		5095		5145	
10 × 2	5045 1/2		5095 1/2		5145 1/2	
10 × 2 1/2	5046		5096		5146	
10 × 3	5046 1/2		5096 1/2		5146 1/2	
12 × 2 3/4	5048*		5098		5148	
12 × 3 1/2	5049		5099		5149	
14 1/2 × 2	5049 1/4		5099 1/4		5149 1/4	
14 1/2 × 2 1/2	5049 1/2		5099 1/2		5149 1/2	
14 1/2 × 3	5049 3/4		5099 3/4		5149 3/4	

The standard sizes, which are marked by a star, always on hand.

DIRECTIONS FOR ORDERING.

Use 3 inch hinges for the lightest screen doors only.
Use 4 inch hinges for slat and screen doors.
Use 5 inch hinges for light doors.
Use 6 and 7 inch hinges for medium sized doors.
Use 8, 10, 12 and 14 inch hinges for heavy doors according to size and exposure.

GEM
SPRING HINGES,
SINGLE AND DOUBLE ACTING.

For illustrations of Gem Spring Hinges, see page 395.

Finish, see pages 14 and 308. Furnished as below ; the Bronze and Brass in Natural Color, unless otherwise ordered. **Bower-Barff Rustless Iron finish** will be furnished if desired, see page 308.

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, in paper boxes, one pair in each box, copper bronzed, bronze and brass hinges with screws.

SINGLE ACTING

Length of Flanges.	Iron, Japanned, Octagon Tips.		Iron, Copper Bronzed, Ball Tips.		Real Bronze, Ball Tips.		Brass, Ball Tips.	
	No.	Per Pair.	No.	Per Pair.	No.	Per Pair.	No.	Per Pair.
3½ inches.	63		2263		2363		2763	
4 inches.	64		2264		2364		2764	
5 inches.	65		2265		2365		2765	
6 inches.	66		2266		2366		2766	
7 inches.	67		2267		2367		2767	
8 inches.	68		2268		2368		2768	
10 inches.	69		2269		2369		2769	
12 inches.	70		2270		2370		2770	
DOUBLE ACTING.								
3½ inches.	83		2283		2383		2783	
4 inches.	84		2284		2384		2784	
5 inches.	85		2285		2385		2785	
6 inches.	86		2286		2386		2786	
7 inches	87		2287		2387		2787	
8 inches.	88		2288		2388		2788	
10 inches.	89		2289		2389		2789	
12 inches.	90		2290		2390		2790	

DIRECTIONS FOR ORDERING.

For doors	6	×	2 feet	×	¾ to 1⅛	inches, use	- - -	3½	inch Hinges.
"	7	×	2 feet	×	1 to 1⅜	inches, use	- - -	4	inch Hinges.
"	7	×	2¼ feet	×	1 to 1½	inches, use	- - -	5	inch Hinges.
"	7	×	2½ feet	×	1 to 1¾	inches, use	- - -	6	inch Hinges.
"	8	×	2½ feet	×	1¼ to 1⅞	inches, use	- - -	7	inch Hinges.
"	8	×	3 feet	×	1½ to 2¼	inches, use	- - -	8	inch Hinges.
"	9	×	3 feet	×	1¾ to 2½	inches, use	- - -	9	inch Hinges.
"	10	×	3 feet	×	2 to 3	inches, use	- - -	10	inch Hinges.

For other Spring Hinges, see pages 390 to 392, and 394.

AMERICAN

SPRING HINGES,

SINGLE AND DOUBLE ACTING.

Finish, see pages 14 and 308. Furnished as below ; the Bronze and Brass in Natural Color, unless otherwise ordered. **Bower-Barff Rustless Iron finish** will be furnished if desired, see page 308.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, in paper boxes, one pair in each box, copper bronzed, bronze and brass hinges with screws.

SINGLE ACTING

Length of Flanges.	Iron, Japanned, Steeple Tips.		Iron, Copper Bronzed, Ball Tips.		Real Bronze, Ball Tips.		Brass, Ball Tips.	
	No.	Per Pair.	No.	Per Pair.	No.	Per Pair.	No.	Per Pair.
4 inches.	9		2209		2309		2709	
5 inches.	11		2211		2311		2711	
6 inches.	16		2216		2316		2716	
7 inches.	22		2222		2322		2722	
8 inches.	23		2223		2323		2723	
10 inches.	30		2230		2330		2730	
10 inches.	31		2231		2331		2731	
12 inches.	36		2236		2336		2736	

DOUBLE ACTING.

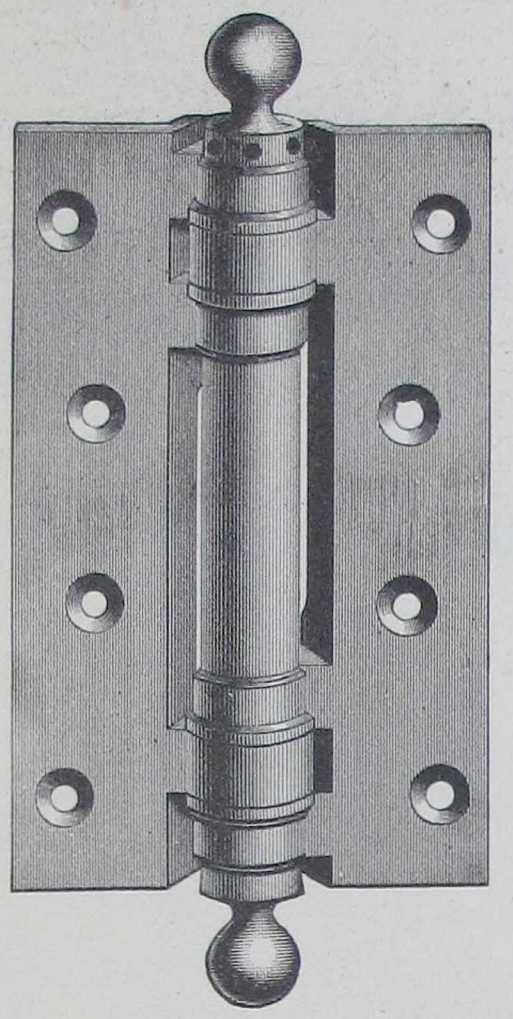
4 inches.	49		2249		2349		2749	
5 inches.	51		2251		2351		2751	
6 inches.	52		2252		2352		2752	
7 inches.	54		2254		2354		2754	
8 inches	56		2256		2356		2756	
10 inches.	59		2259		2359		2759	
10 inches.	60		2260		2360		2760	
12 inches.	62		2262		2362		2762	

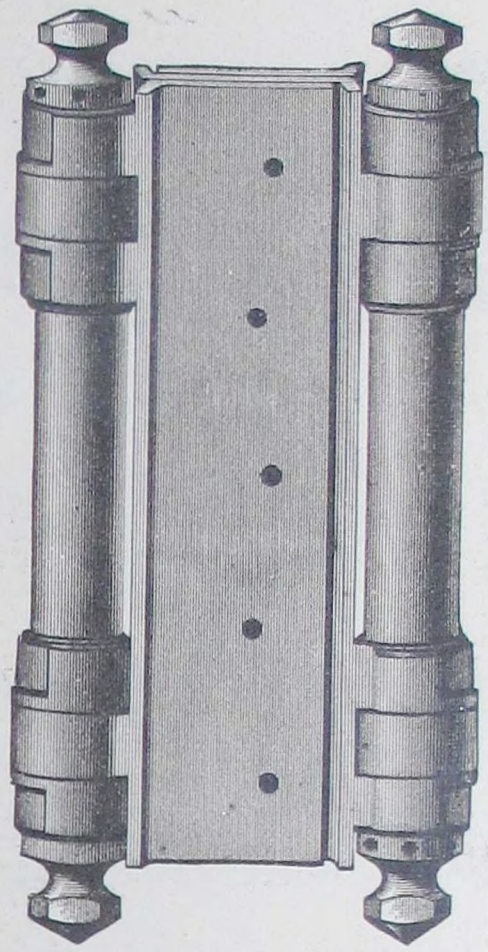
DIRECTIONS FOR ORDERING.

For doors 7 × 2 feet × 7/8 to 1 1/4 inches, use - - - 4 inch Hinges.
" 7 × 2 1/2 feet × 1 to 1 1/2 inches, use - - - 5 inch Hinges.
" 7 × 2 3/4 feet × 1 to 1 3/4 inches, use - - - 6 inch Hinges.
" 8 × 3 feet × 1 1/4 to 2 inches, use - - - 7 inch Hinges.
" 9 × 3 feet × 1 1/2 to 2 1/4 inches, use - - - 8 inch Hinges.
" 10 × 3 1/4 feet × 1 3/4 to 2 1/2 inches, use - - - 10 inch Hinges.
" 10 × 3 1/4 feet × 2 to 2 3/4 inches, use - - - *10 inch Hinges.
" 12 × 3 1/2 feet × 2 to 3 1/2 inches, use - - - 12 inch Hinges.

*These Hinges are Nos 31, 2231, 2331, 2731, 60, 2260, 2360 and 2760.

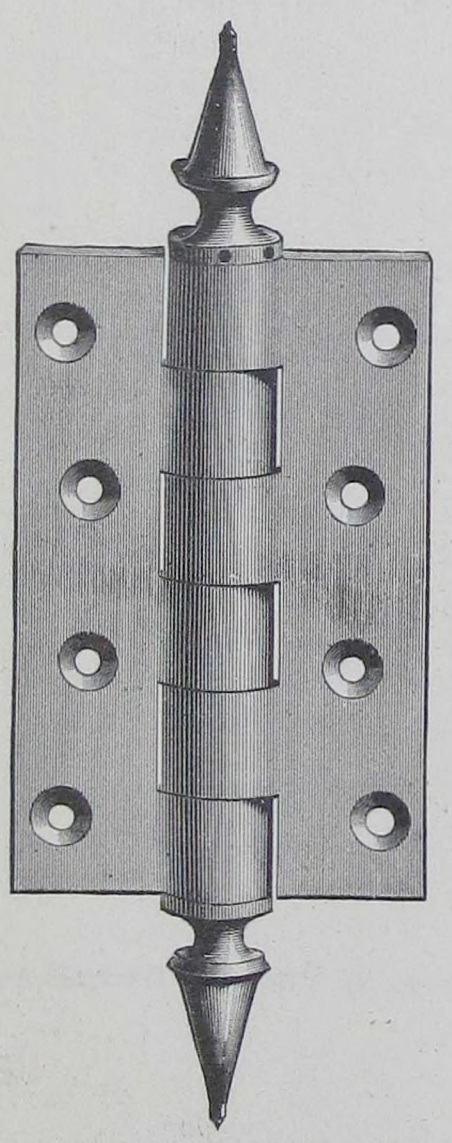
For other Spring Hinges, see pages 391 to 393.

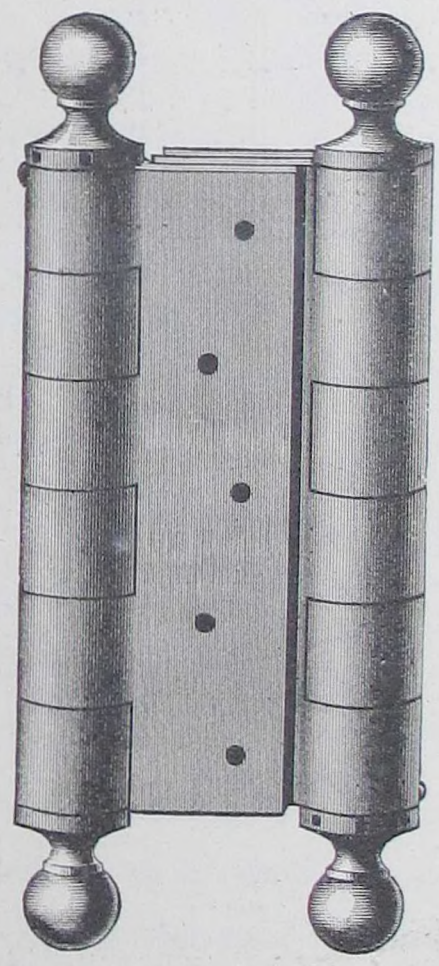




GEM SPRING HINGES,

(For description see page 393.)





AMERICAN SPRING HINGES,

(For description, see page 394.)

REAL BRONZE or BRASS
LOOSE PIN BUTTS.

SELF-LUBRICATING.

Nos. 650P and 750P.

Improved Construction. For description, see page 388.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, in paper boxes, 1 pair in each box, with screws, complete.

CAPPED. **No. 650P.**

Size.	Style.	Per Pair.	Size.	Style.	Per Pair.
2 × 2 inch.	Plain.		5½ × 5½ inch.	Plain.	
2½ × 2½ inch.	Plain.		5 × 6 inch.	Plain.	
3 × 3 inch.	Plain.		5 × 7 inch.	Plain.	
3½ × 3½ inch.	Plain.		6 × 6 inch.	Plain.	
4 × 4 inch.	Plain.		6 × 8 inch.	Plain.	
4½ × 4½ inch.	Plain.		6 × 10 inch.	Plain.	
5 × 5 inch.	Plain.		7 × 7 inch.	Plain.	
			8 × 8 inch.	Plain.	

NOT CAPPED. **No. 750P.**

Size.	Weight.	Style.	Per Pair.	Size.	Weight.	Style.	Per Pair.
2 × 2 inch.	6 ozs.	Plain.		5½ × 5½ inch.	5 lbs. 8 ozs.	Plain.	
2½ × 2½ inch.	13 ozs.	Plain.		5 × 6 inch.	5 lbs. 8 ozs.	Plain.	
3 × 3 inch.	21 ozs.	Plain.		5 × 7 inch.	7 lbs. 7 ozs.	Plain.	
3½ × 3½ inch.	1 lb. 15 ozs.	Plain.		6 × 6 inch.	6 lbs. 6 ozs.	Plain.	
4 × 4 inch.	2 lbs. 8 ozs.	Plain.		6 × 8 inch.	11 lbs. 5 ozs.	Plain.	
4½ × 4½ inch.	3 lbs. 12 ozs.	Plain.		6 × 10 inch.	13 lbs. 6 ozs.	Plain.	
5 × 5 inch.	4 lbs. 5 ozs.	Plain.		7 × 7 inch.	11 lbs. 8 ozs.	Plain.	
				8 × 8 inch.	14 lbs. 0 ozs.	Plain.	

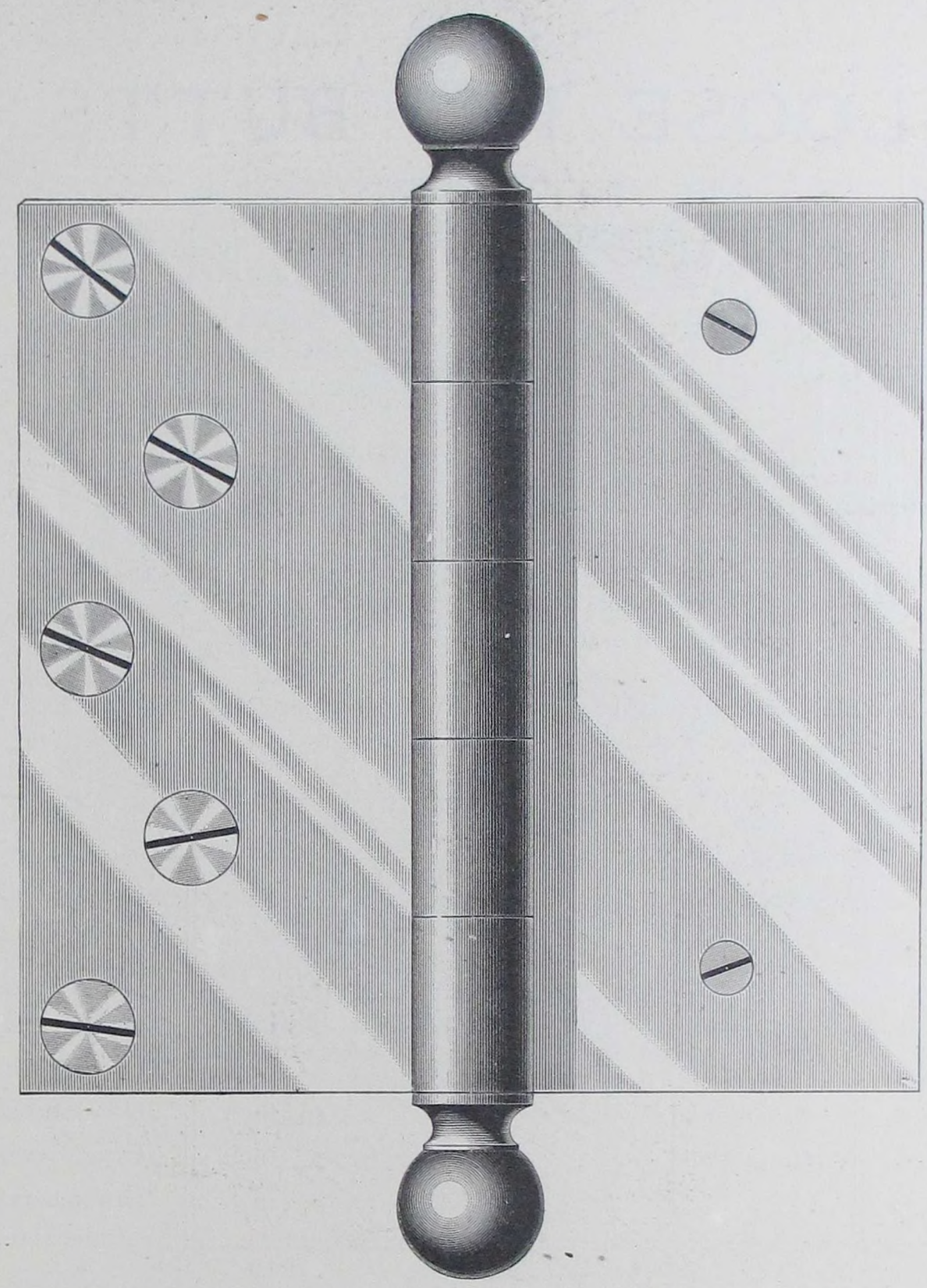
Size. When ordering specify **No. 650P** or **No. 750P**, with **size** desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Loose Pin Butts, see pages 398 to 409.

For Loose Joint Butts, see pages 416 and 417.

For Fast Joint Butts, see pages 410 to 415.



$\frac{1}{2}$ No. 750P.
(4½ × 4½ inch.)

$\frac{1}{2}$ No. 650P.
(4½ × 4½ inch.)

REAL BRONZE OR BRASS LOOSE PIN BUTTS.

(SELF-LUBRICATING.)

(See pages 388 and 389.)

REAL BRONZE or BRASS

LOOSE PIN BUTTS.

SELF-LUBRICATING.

No. 750G.

Improved Construction. For description, see page 388.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, in paper boxes, one pair in each box, with screws, complete.

Size.	Style.	Per Pair.	Size.	Style.	Per Pair.
2 × 2 inch.	Ornamental.		5½ × 5½ inch.	Ornamental.	
2½ × 2½ inch.	Ornamental.		5 × 6 inch.	Ornamental.	
3 × 3 inch.	Ornamental.		5 × 7 inch.	Ornamental.	
3½ × 3½ inch.	Ornamental.		6 × 6 inch.	Ornamental.	
4 × 4 inch.	Ornamental.		6 × 8 inch.	Ornamental.	
4½ × 4½ inch.	Ornamental.		6 × 10 inch.	Ornamental.	
5 × 5 inch.	Ornamental.		7 × 7 inch.	Ornamental.	
			8 × 8 inch.	Ornamental.	

Size. When ordering specify **No. 750G**, with **size** desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Loose Pin Butts, see pages 396, 397 and 400 to 409.

For Loose Joint Butts, see pages 416 and 417.

For Fast Joint Butts, see pages 410 to 415.

No. 750G.

(4½ × 4½ inch.)

REAL BRONZE OR BRASS LOOSE PIN BUTTS.

(SELF-LUBRICATING.)

REAL BRONZE or BRASS

LOOSE PIN BUTTS.

SELF-LUBRICATING.

No. 750 HOLLY

Improved Construction. For description, see page 388.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, in paper boxes, one pair in each box, with screws, complete.

Size.	Style.	Per Pair.	Size.	Style.	Per Pair.
2 × 2 inch.	Ornamental.		5½ × 5½ inch.	Ornamental.	
2½ × 2½ inch.	Ornamental.		5 × 6 inch.	Ornamental.	
3 × 3 inch.	Ornamental.		5 × 7 inch.	Ornamental.	
3½ × 3½ inch.	Ornamental.		6 × 6 inch.	Ornamental.	
4 × 4 inch.	Ornamental.		6 × 8 inch.	Ornamental.	
4½ × 4½ inch.	Ornamental.		6 × 10 inch.	Ornamental.	
5 × 5 inch.	Ornamental.		7 × 7 inch.	Ornamental.	
			8 × 8 inch.	Ornamental.	

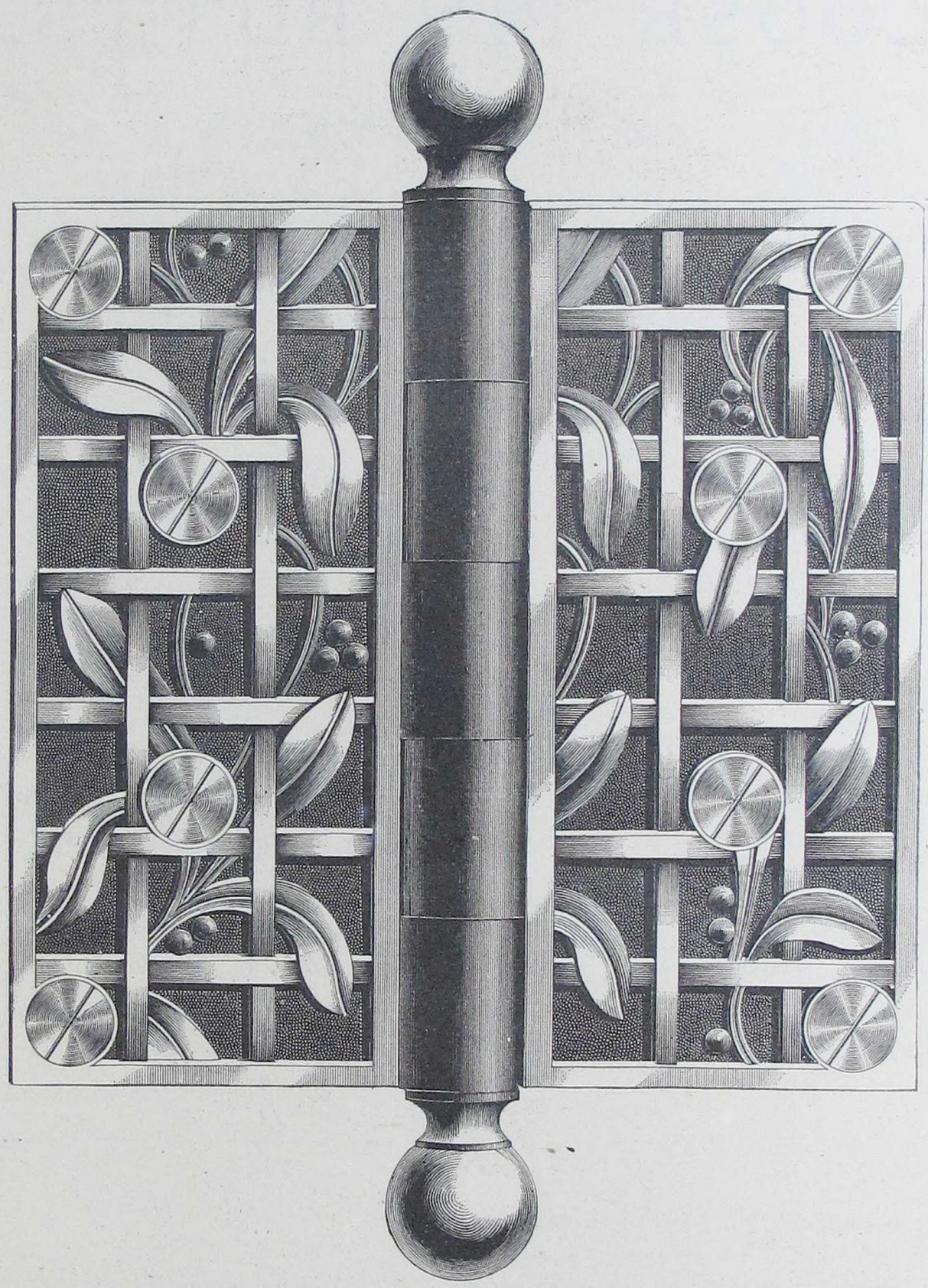
Size. When ordering specify **No. 750**Holly, with **size** desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Loose Pin Butts, see pages 396 to 399 and 402 to 409.

For Loose Joint Butts, see pages 416 and 417.

For Fast Joint Butts, see pages 410 to 415.



No. 750 HOLLY (4½ inches by 4½ inches.)

REAL BRONZE OR BRASS LOOSE PIN BUTTS.

(SELF-LUBRICATING.)

REAL BRONZE or BRASS

LOOSE PIN BUTTS.

SELF-LUBRICATING.

No. 750R.

Improved Construction. For description, see page 388.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, 1 pair in a paper box, with screws, complete.

Size.	Style.	Per Pair.	Size.	Style.	Per Pair.
2 × 2 inch.	Ornamental.		5½ × 5½ inch.	Ornamental.	
2½ × 2½ inch.	Ornamental.		5 × 6 inch.	Ornamental.	
3 × 3 inch.	Ornamental.		5 × 7 inch.	Ornamental.	
3½ × 3½ inch.	Ornamental.		6 × 6 inch.	Ornamental.	
4 × 4 inch.	Ornamental.		6 × 8 inch.	Ornamental.	
4½ × 4½ inch.	Ornamental.		6 × 10 inch.	Ornamental.	
5 × 5 inch.	Ornamental.		7 × 7 inch.	Ornamental.	
			8 × 8 inch.	Ornamental.	

Size. When ordering specify **No. 750R**, with **size** desired.

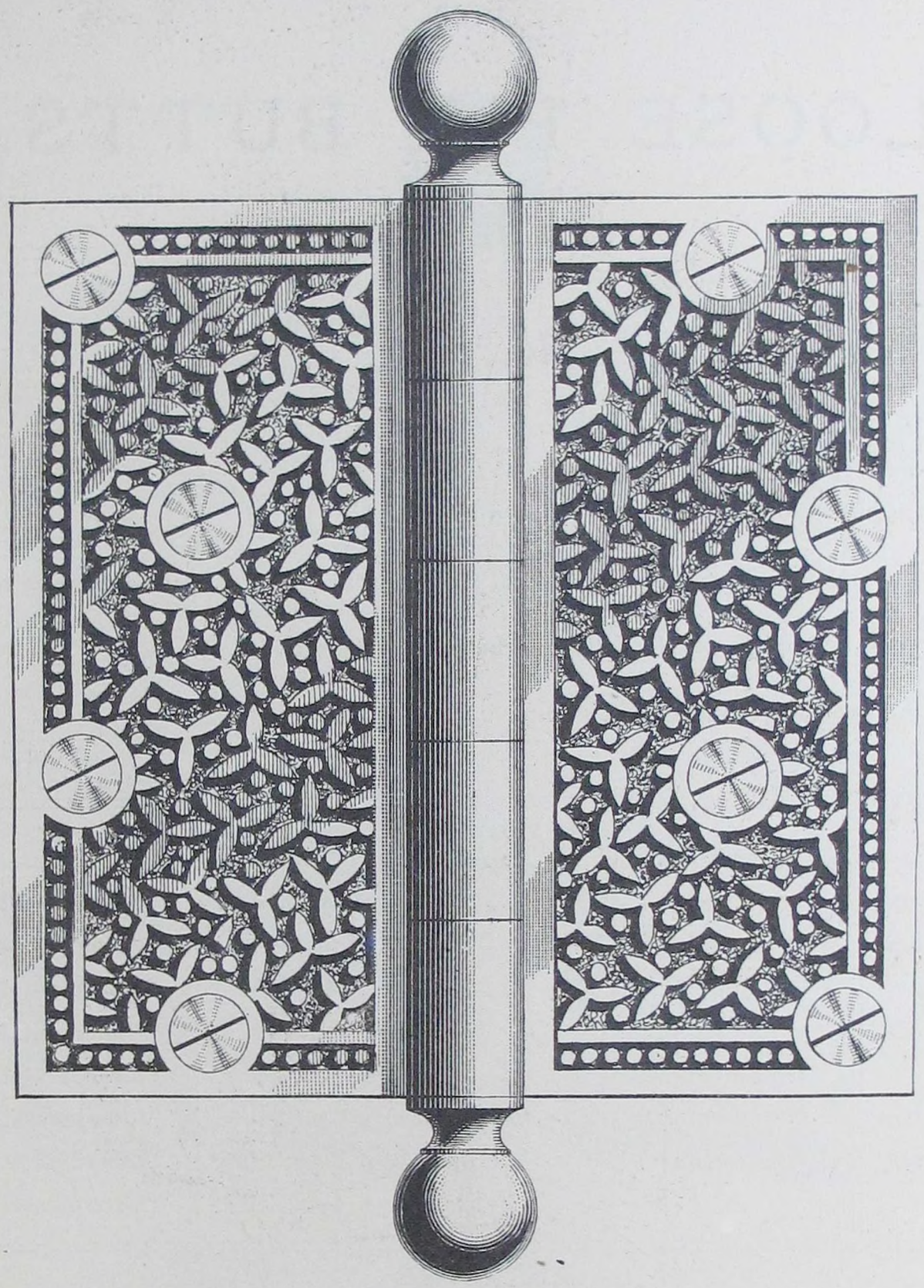
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Loose Pin Butts, see pages 396 to 401 and 404 to 409.

For Loose Joint Butts, see pages 390 to 395, 416 and 417.

For Fast Joint Butts, see pages 410 to 415.

For Shutter Flaps, see pages 414 and 415.



No. 750R.

(4½ × 4½ inch.)

REAL BRONZE OR BRASS LOOSE PIN BUTTS.

(SELF-LUBRICATING.)

REAL BRONZE or BRASS

LOOSE PIN BUTTS.

SELF-LUBRICATING.

No. 750C.

Improved Construction. For description, see page 388.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, 1 pair in a paper box, with screws, complete.

Size.	Style.	Per Pair.	Size.	Style,	Per Pair.
2 ins. by 2 ins.	Ornamental.		5½ ins. by 5½ ins.	Ornamental.	
2½ ins. by 2½ ins.	Ornamental.		5 ins. by 6 ins.	Ornamental.	
3 ins. by 3 ins.	Ornamental.		5 ins. by 7 ins.	Ornamental.	
3½ ins. by 3½ ins.	Ornamental.		6 ins. by 6 ins.	Ornamental.	
4 ins. by 4 ins.	Ornamental.		6 ins. by 8 ins.	Ornamental.	
4½ ins. by 4½ ins.	Ornamental.		6 ins. by 10 ins.	Ornamental.	
5 ins. by 5 ins.	Ornamental.		7 ins. by 7 ins.	Ornamental.	
			8 ins. by 8 ins.	Ornamental.	

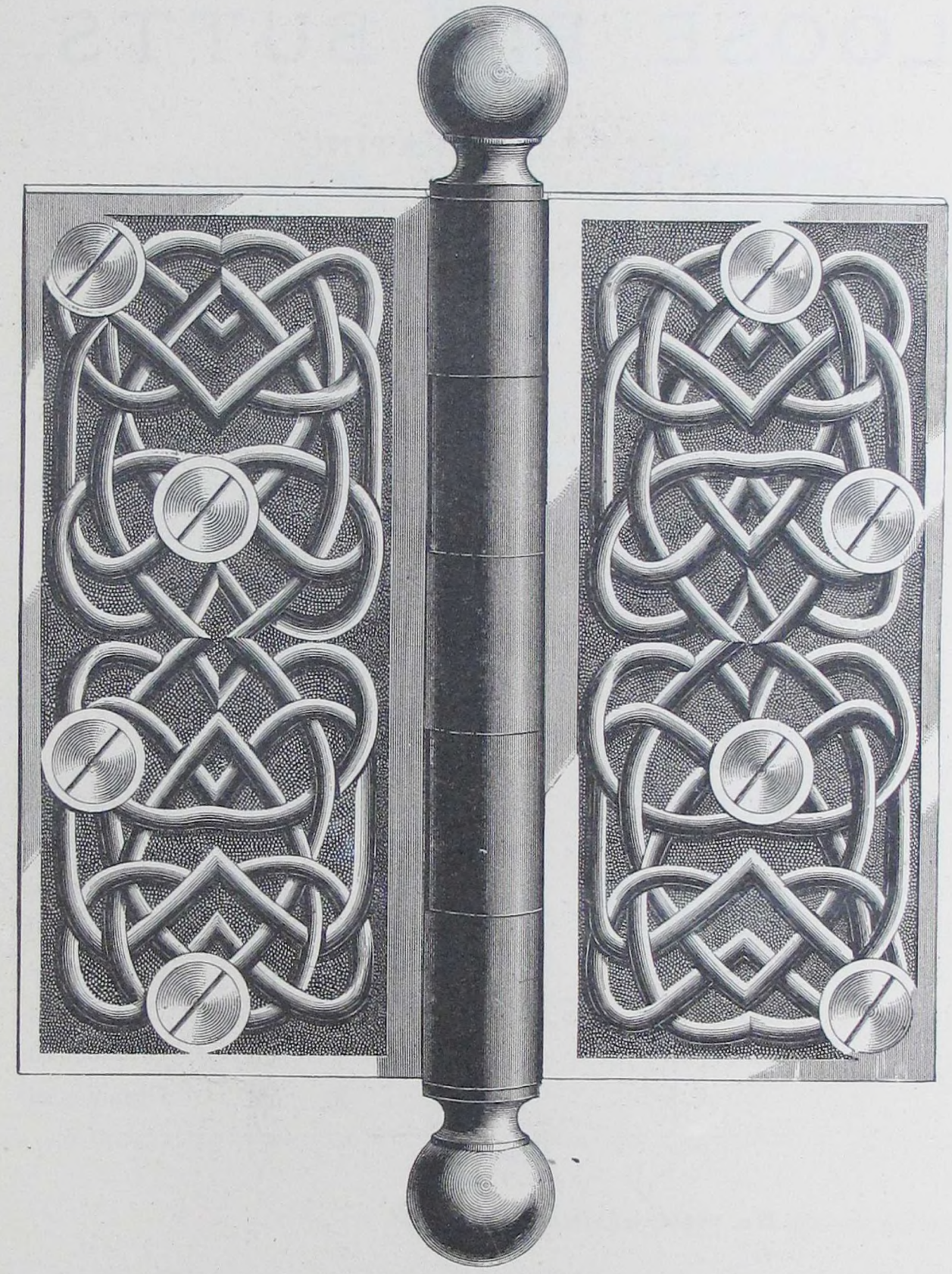
Size. When ordering specify **No. 750C,** with **size** desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Loose Pin Butts, see pages 396 to 403 and 406 to 409.

For Loose Joint Butts, see pages 390 to 395, 416 and 417.

For Fast Joint Butts, see pages 410 to 415.



No. 750C.

(4½ × 4½ inch.)

REAL BRONZE OR BRASS LOOSE PIN BUTTS.

(SELF-LUBRICATING.)

REAL BRONZE or BRASS

LOOSE PIN BUTTS.

SELF-LUBRICATING.

No. 750M.

Improved Construction. For description, see page 388.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, 1 pair in a paper box, with screws, complete.

Size.	Style.	Per Pair.	Size.	Style.	Per Pair.
2 × 2 inch.	Ornamental.		5½ × 5½ inch.	Ornamental.	
2½ × 2½ inch.	Ornamental.		5 × 6 inch.	Ornamental.	
3 × 3 inch.	Ornamental.		5 × 7 inch.	Ornamental.	
3½ × 3½ inch.	Ornamental.		6 × 6 inch.	Ornamental.	
4 × 4 inch.	Ornamental.		6 × 8 inch.	Ornamental.	
4½ × 4½ inch.	Ornamental.		6 × 10 inch.	Ornamental.	
5 × 5 inch.	Ornamental.		7 × 7 inch.	Ornamental.	
			8 × 8 inch.	Ornamental.	

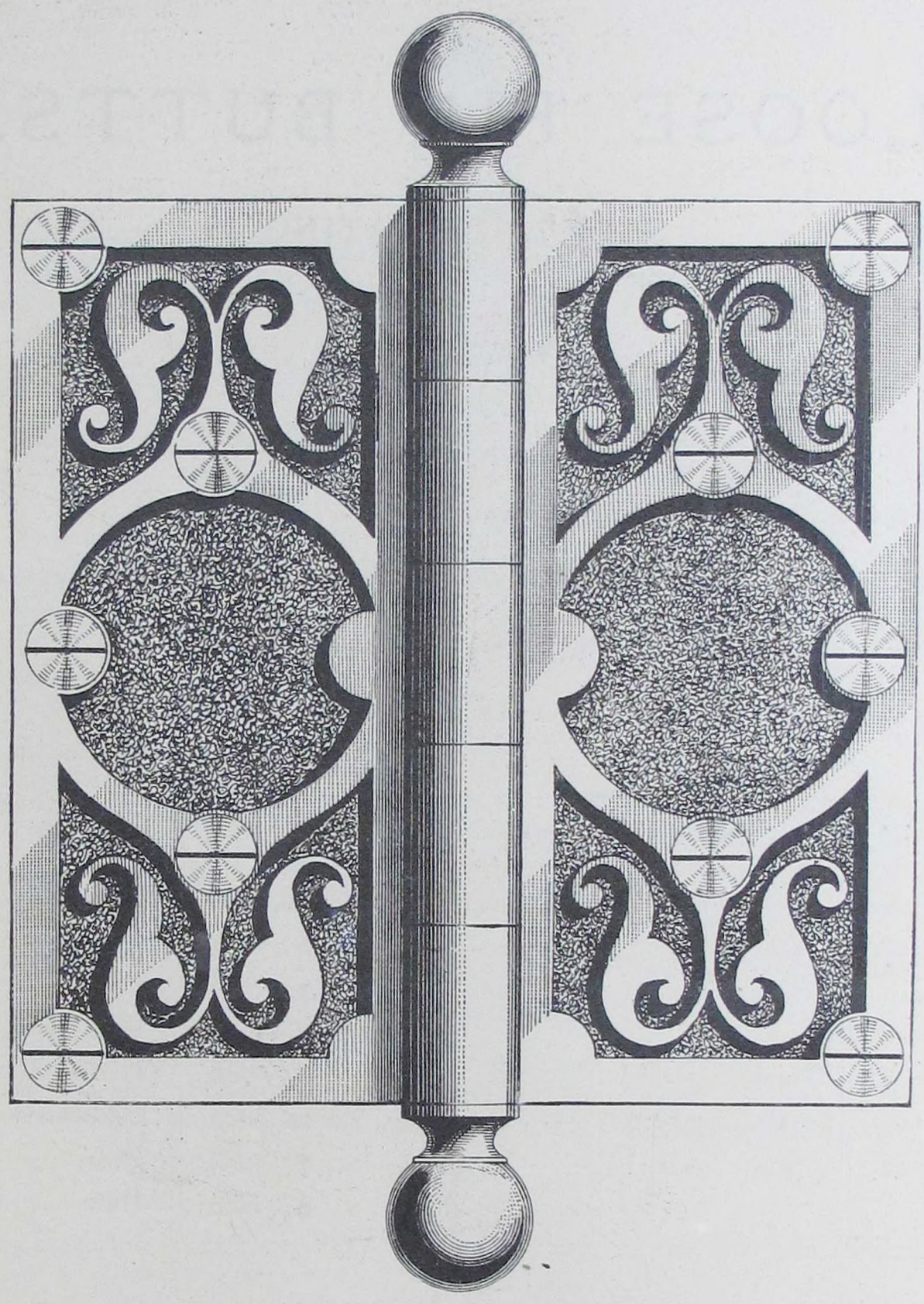
Size. When ordering specify **No. 750M,** with **size** desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Loose Pin Butts, see pages 396 to 405, 408 and 409.

For Loose Joint Butts, see pages 390 to 395, 416 and 417.

For Fast Joint Butts, see pages 410 to 415.



No. 750M.

(4½ × 4½ inch.)

REAL BRONZE OR BRASS LOOSE PIN BUTTS.

(SELF-LUBRICATING.)

REAL BRONZE or BRASS

LOOSE PIN BUTTS.

SELF-LUBRICATING.

No. 750S.

Improved Construction. For description, see page 388.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, 1 pair in a paper box, with screws, complete.

Size.	Style.	Per Pair.	Size.	Style.	Per Pair.
2 × 2 inch.	Plain (Spiral Tips.)		5½ × 5½ inch.	Plain (Spiral Tips.)	
2½ × 2½ inch.	Plain		5 × 6 inch.	Plain	
3 × 3 inch.	Plain		5 × 7 inch.	Plain	
3½ × 3½ inch.	Plain		6 × 6 inch.	Plain	
4 × 4 inch.	Plain		6 × 8 inch.	Plain	
4½ × 4½ inch.	Plain		6 × 10 inch.	Plain	
5 × 5 inch.	Plain		7 × 7 inch.	Plain	
			8 × 8 inch.	Plain	

Size. When ordering specify **No. 750S,** with **size** desired.

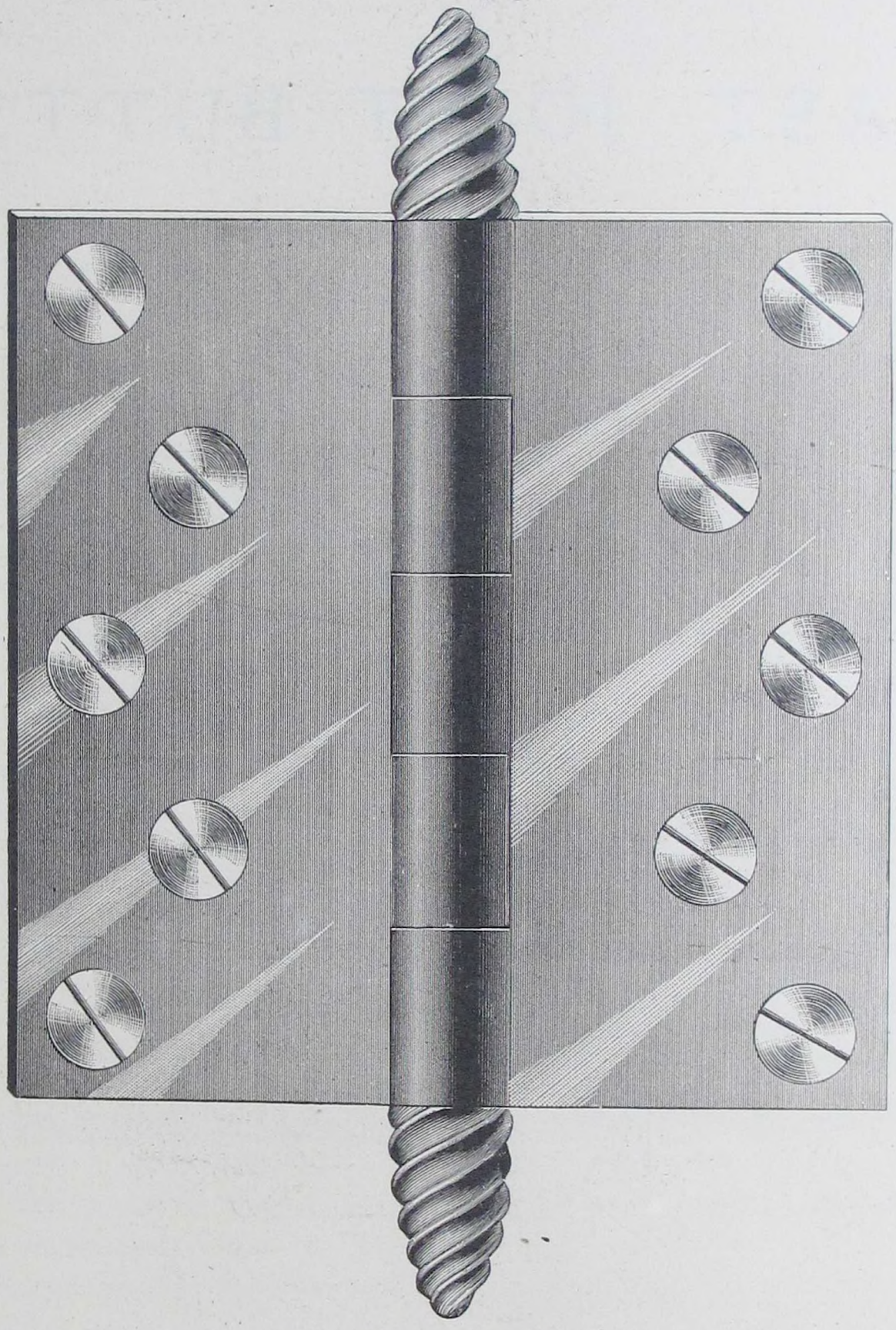
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other styles of Loose Pin Butts, see pages 396 to 407.

For Loose Joint Butts, see pages 390 to 395, 416 and 417.

For Fast Joint Butts, see pages 410 to 413.

For Shutter Flaps, see pages 414 and 415.



No. 750S.

(4½ × 4½ inch.)

REAL BRONZE OR BRASS LOOSE PIN BUTTS.

(SELF-LUBRICATING.)

REAL BRONZE or BRASS

FAST JOINT BUTTS,

SELF-LUBRICATING.

No. 350P.

Improved Construction. For description, see page 388.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and **Left.** Can be applied at will both to right and left hand doors.

Packed, 1 pair in a paper box, with screws, complete.

Size.	Weight.	Style.	Per Pair.	Size.	Weight.	Style.	Per Pair.
2 × 2 inch	5½ ozs.	Plain.		5½ × 5½ inch	5 lbs. 6½ ozs.	Plain.	
2½ × 2½ inch	12½ ozs.	Plain.		5 × 6 inch	5 lbs. 6 ozs.	Plain.	
3 × 3 inch	20¼ ozs.	Plain.		5 × 7 inch	7 lbs. 5 ozs.	Plain.	
3½ × 3½ inch	1 lb. 14¼ ozs.	Plain.		6 × 6 inch	6 lbs. 3 ozs.	Plain.	
4 × 4 inch	2 lbs. 7 ozs.	Plain.		6 × 8 inch	11 lbs. 2 ozs.	Plain.	
4½ × 4½ inch	3 lbs. 11 ozs.	Plain.		6 × 10 inch	13 lbs. 2 ozs.	Plain.	
5 × 5 inch	4 lbs. 3½ ozs.	Plain.		7 × 7 inch	11 lbs. 4 ozs.	Plain.	
				8 × 8 inch	13 lbs. 10½ ozs.	Plain.	

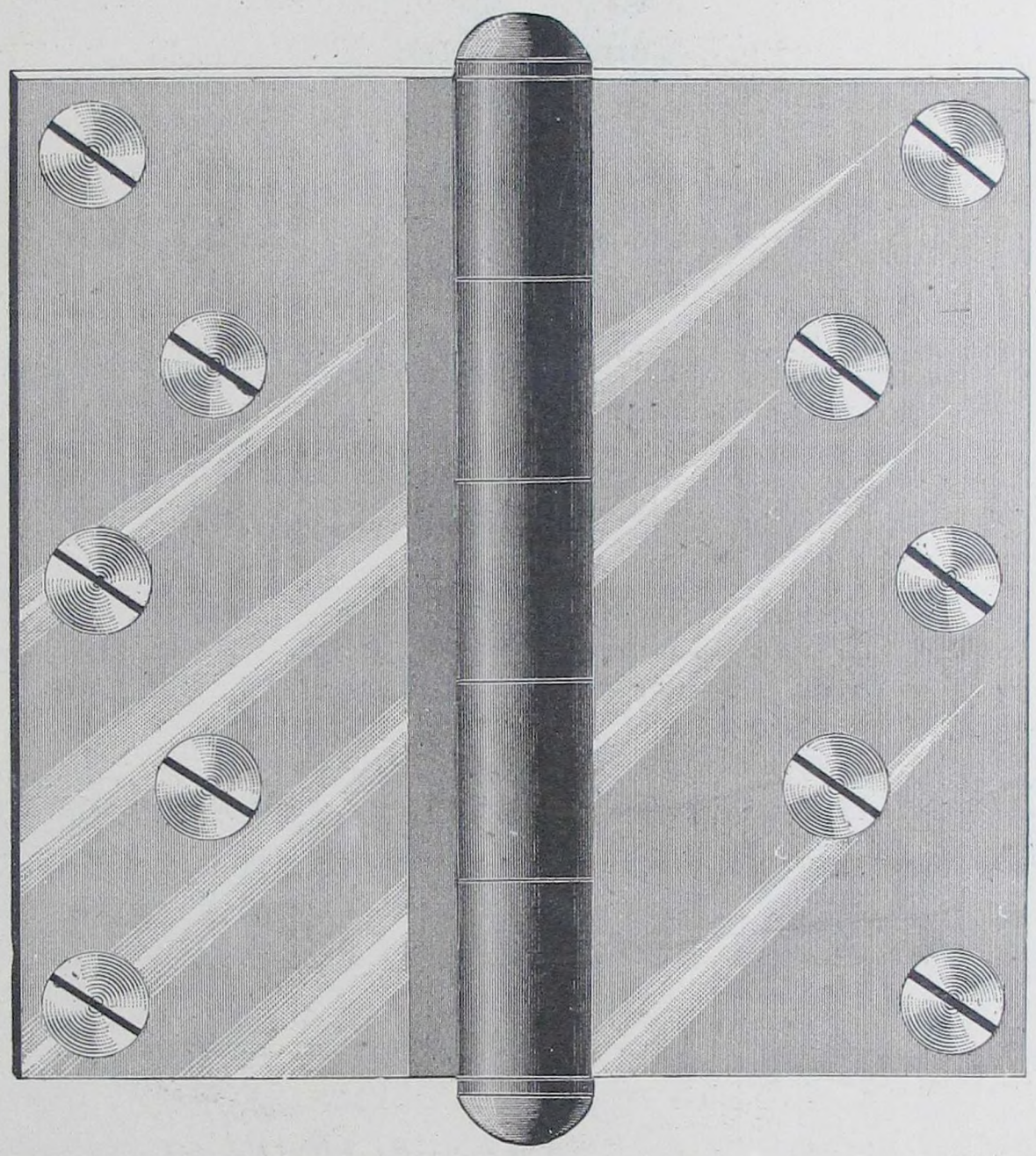
Size. When ordering specify **No. 350P**, with **size** desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For small sizes of Fast Joint Butts, see pages 412 to 415.

For Loose Joint Butts, see pages 390 to 395, 416 and 417.

For Loose Pin Butts, see pages 396 to 409.



No. 350P.

(4½ × 4½ inch.)

REAL BRONZE OR BRASS FAST JOINT BUTTS.

(SELF-LUBRICATING.)

REAL BRONZE or BRASS

FAST JOINT BUTTS.

SMALL SIZES.

Nos. 150P, 150R and 150HOLLY

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and Left. Can be applied at will both to right or left hand doors.

Packed, ½ dozen pairs in a paper box, with screws, complete.

No. 150P.

Size.	Style.	Per Pair.	Size.	Style.	Per Pair.
1½ × 1 inch.	Plain.		2½ × 1¾ inch.	Plain.	
2 × 1½ inch.	Plain.		2½ × 2 inch.	Plain.	
2 × 1¾ inch.	Plain.		2½ × 2½ inch.	Plain.	
2 × 2 inch.	Plain.		2¾ × 2⅛ inch.	Plain.	
2¼ × 1½ inch.	Plain.		3 × 2¼ inch.	Plain.	
			3 × 3 inch.	Plain.	

No. 150R.

2 × 1½ inch.	Ornamental.	
2½ × 2 inch.	Ornamental.	
3 × 2¼ inch.	Ornamental.	

No. 150HOLLY

2 × 1½ inch.	Ornamental.	
2½ × 2 inch.	Ornamental.	
3 × 2¼ inch.	Ornamental.	

Size, When ordering, specify **No 150P, No. 150R** or **No. 150HOLLY**, with **size** desired.

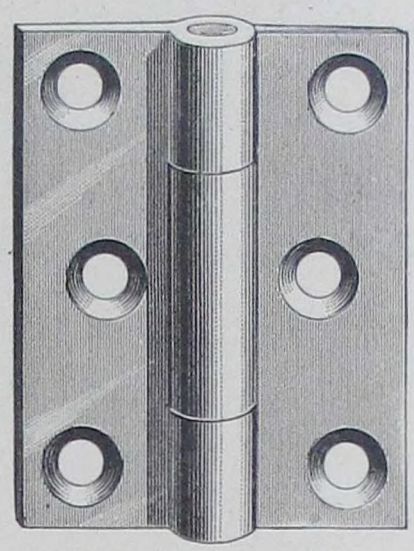
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For larger sizes of Fast Joint Butts, see pages 410 and 411.

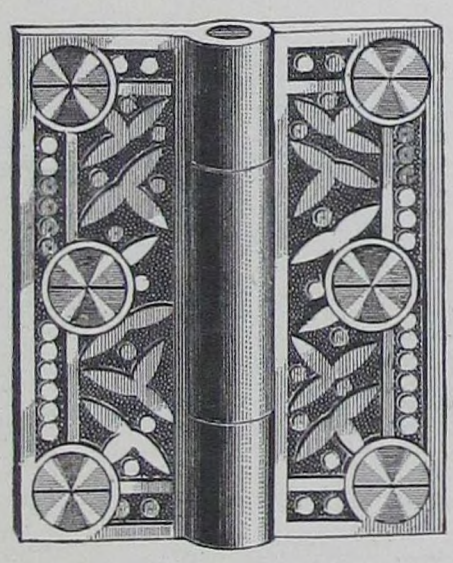
For Loose Joint Butts, see pages 390 to 395, 416 and 417.

For Loose Pin Butts, see pages 396 to 409.

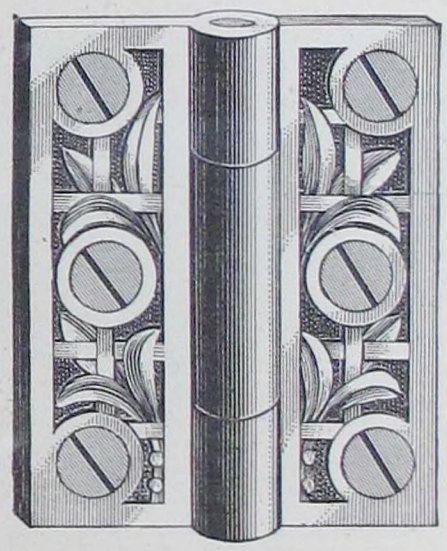
For Shutter Flaps, see pages 414 and 415.



No. 150P. (2 inches by 1½ inches.)



No. 150R. (2 inches by 1½ inches.)



No. 150HOLLY
(2 inches by 1½ inches.)

REAL BRONZE OR BRASS FAST JOINT BUTTS.

(SMALL SIZES,)

REAL BRONZE or BRASS

SHUTTER FLAPS,

Nos. 50P, 50R, 50HOLLY, 60P and 60R.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, ½ dozen in a paper box, with screws, complete.

No. 50P.		
Size.	Style.	Per Pair.
1¼ × 1¾ inch.	Plain.	
1½ × 2¼ inch.	Plain.	
1¾ × 2½ inch.	Plain.	

No. 50R.		
Size.	Style.	Per Pair.
1¼ × 1¾ inch.	Ornamental.	
1½ × 2¼ inch.	Ornamental.	

No. 50HOLLY		
1¼ × 1¾ inch.	Ornamental.	

1½ × 2¼ inch.	Ornamental.	

No. 60P. (Three fold.)		
1¼ × 2 inch.	Plain.	

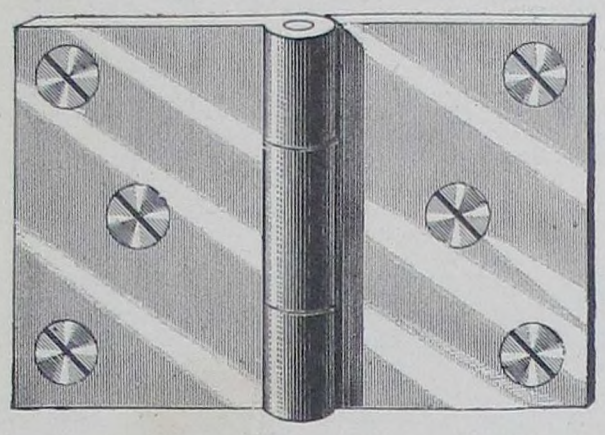
No. 60R. (Three fold.)		
1¼ × 2 inch.	Ornamental.	

Size. When ordering, specify **No. 50P, No. 50R, No. 50HOLLY, No. 60P** or **60R,** with **size** desired.

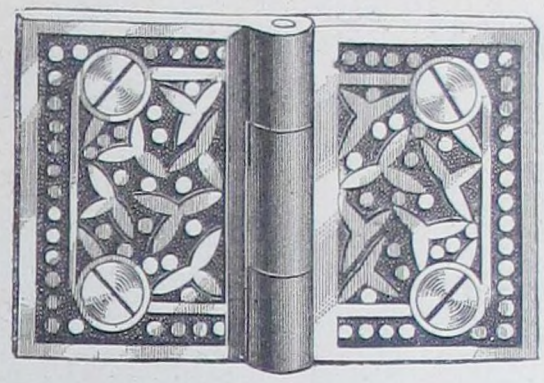
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For larger sizes of Fast Joint Butts, see pages 410 413.

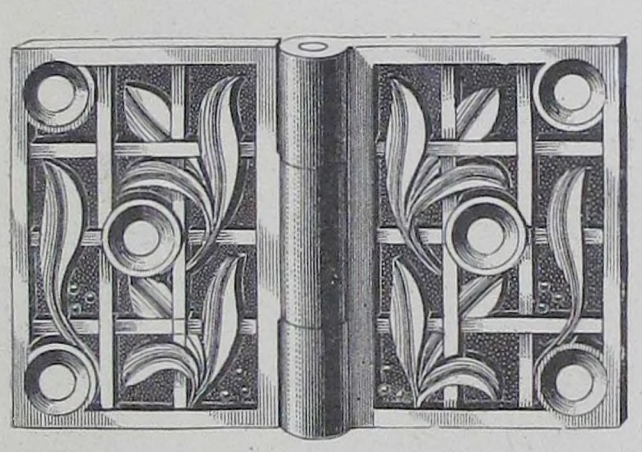
For Loose Joint Butts, see pages 390 to 395, 416 and 417. **For Loose Pin Butts,** see pages 396 to 409.



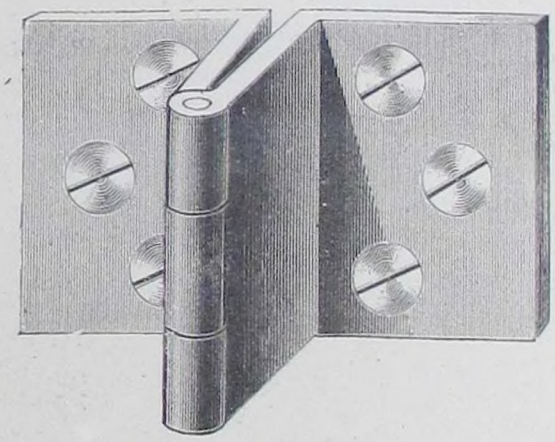
No. 50P.
(1½ × 2¼ inch.)



No. 50R.
(1¼ × 2 inch.)



No. 50HOLLY
(1½ × 2¼ inch.)



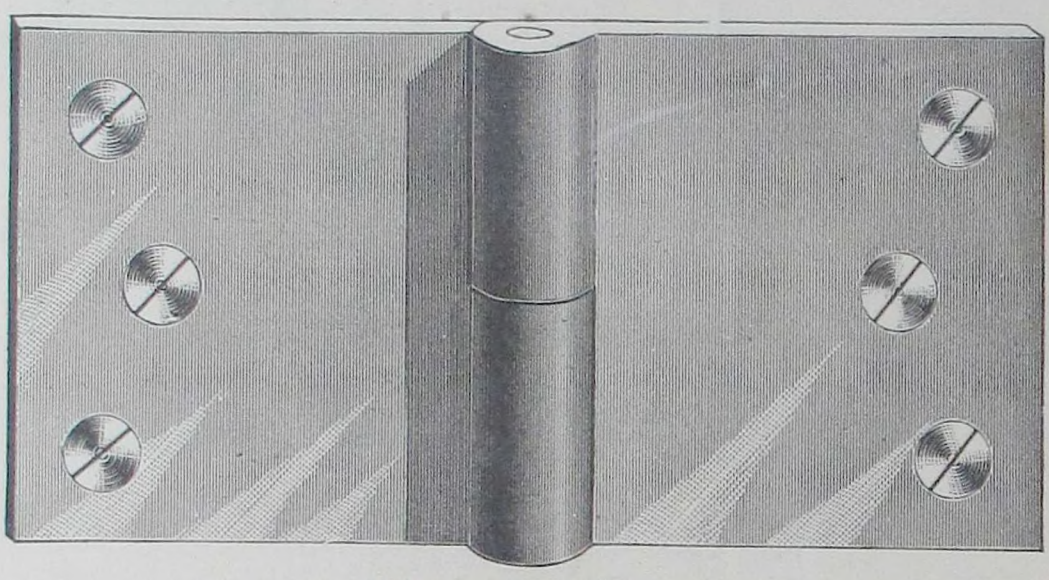
No. 60P.
(1¼ × 2 inch.)

REAL BRONZE OR BRASS SHUTTER FLAPS.

REAL BRONZE or BRASS

LOOSE JOINT BUTTS,

FOR GATES.



No. 250P. (2 inches by 4 inches.)

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right or **Left**, according to order, but **not adjustable** to right and left hand gates. See page 16.

Packed, 1 pair in a paper box, with screws, complete.

Size.	Style.	Per Pair.
2 inches by 4 inches.	Plain Bronze.	
2 inches by 4½ inches.	Plain Bronze.	

Size. When ordering specify **No. 250P**, with **size** desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish**, see page 308.

For other styles of Loose Joint Butts, see pages 390 to 395 and 417.

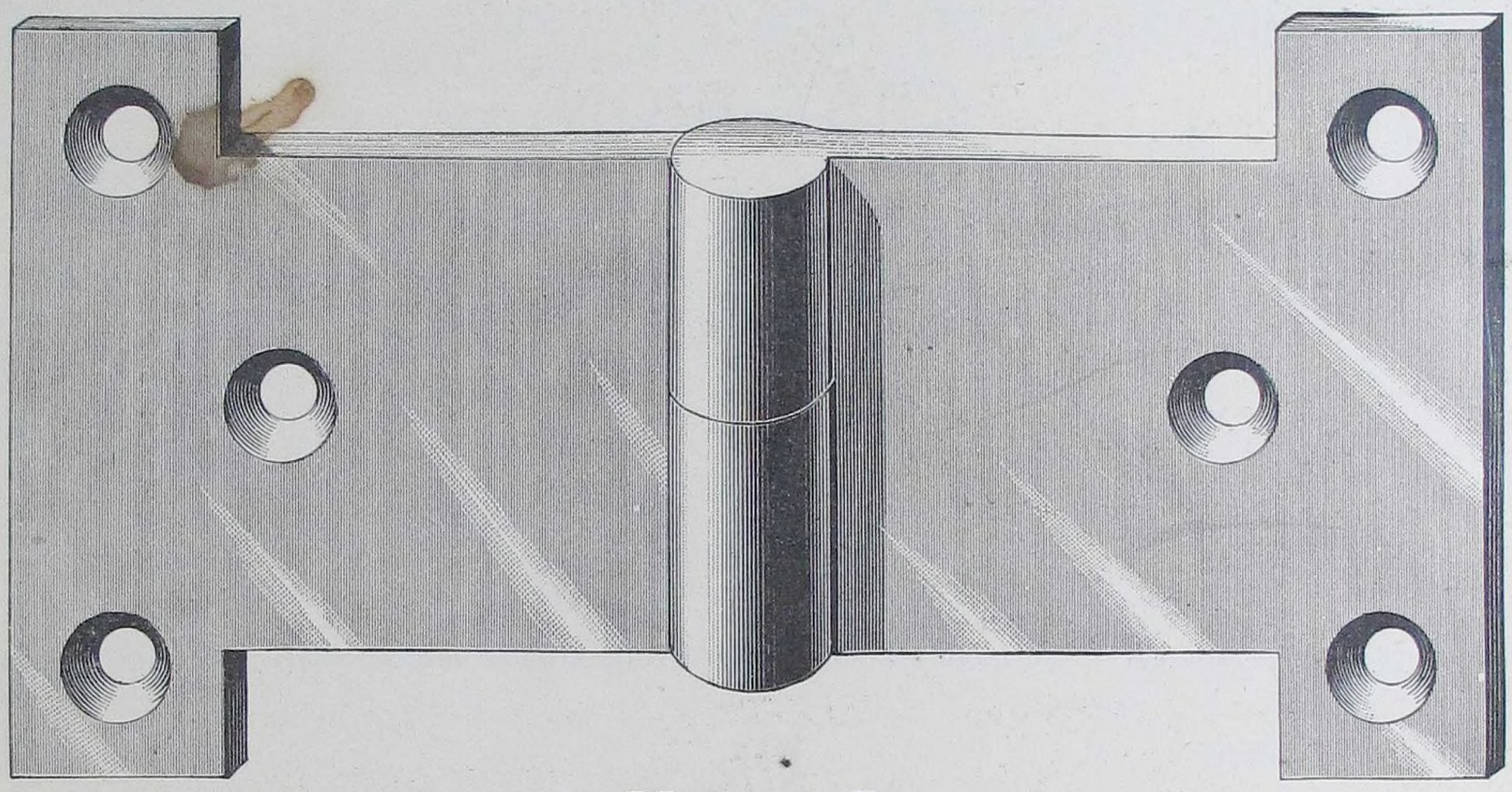
For Fast Joint Butts, see pages 410 to 415.

For Loose Pin Butts, see pages 396 to 409.

REAL BRONZE or BRASS

LOOSE JOINT PARLIAMENT BUTTS,

FOR GATES.



No. 260P.

(3 × 6 inch.)

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right or **Left,** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed, 1 pair in a paper box, with screws, complete.

Size.	Style.	Per Pair.
3 × 6 inch.	Plain Bronze.	

When ordering specify **No. 260P,** with **size.**

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For smaller Loose Joint Butts, see page 416.

For Fast Joint Butts, see pages 410 to 415.

For Loose Pin Butts, see pages 396 to 409.

REAL BRONZE, BRASS, WROUGHT-IRON OR CAST-IRON STRAP HINGES.

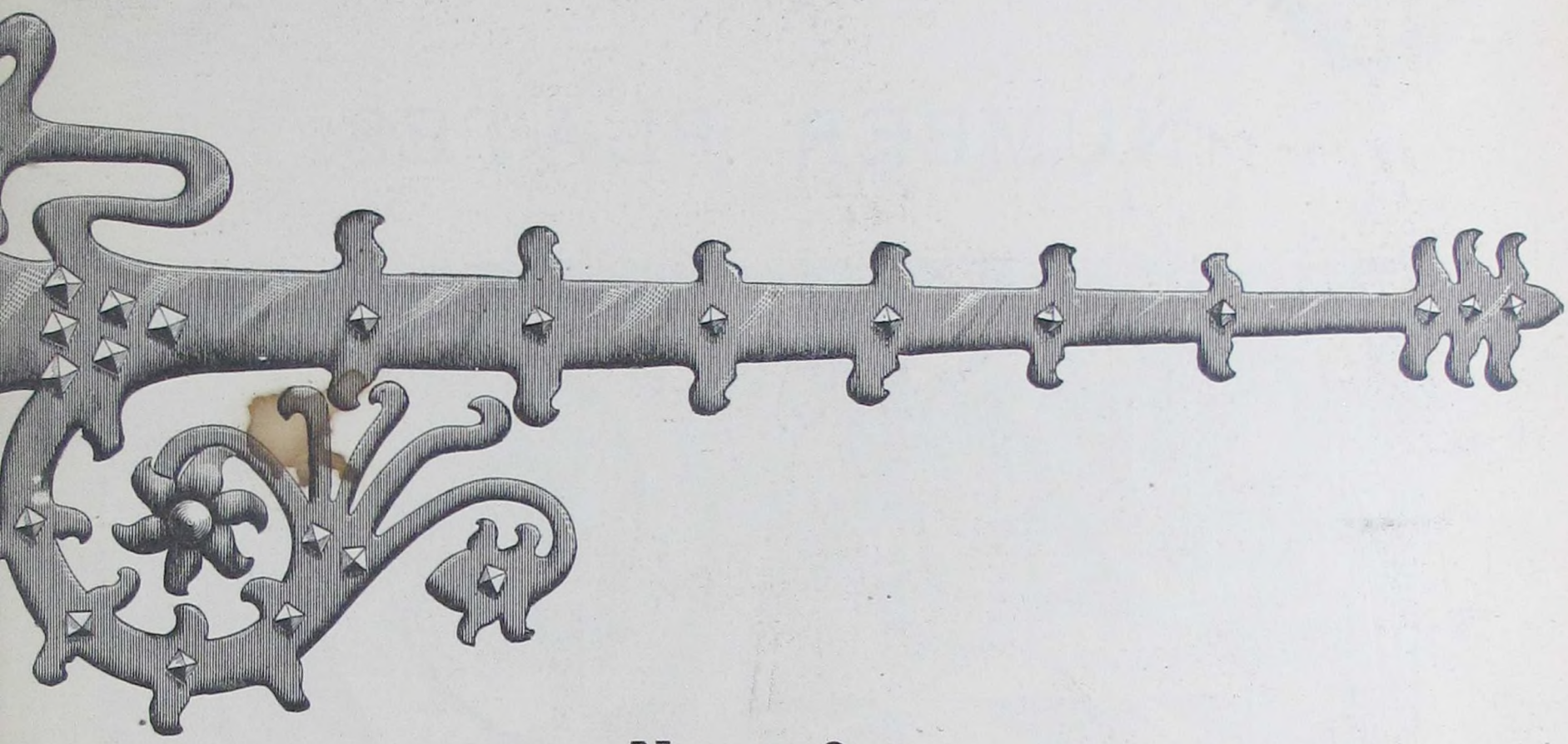
Finish, see pages 14 and 308. Furnished in **Rustless Iron, Bower-Barff finish,** see page 308, unless otherwise ordered.

Packed, with nails or screws, complete.

No.	Extreme Length.	Extreme Width.	Style.	Each.
1018	46½ inches.	21 inches.	Rustless Wrought-Iron.	
1059	36 inches.	12 inches.	Rustless Cast-Iron.	

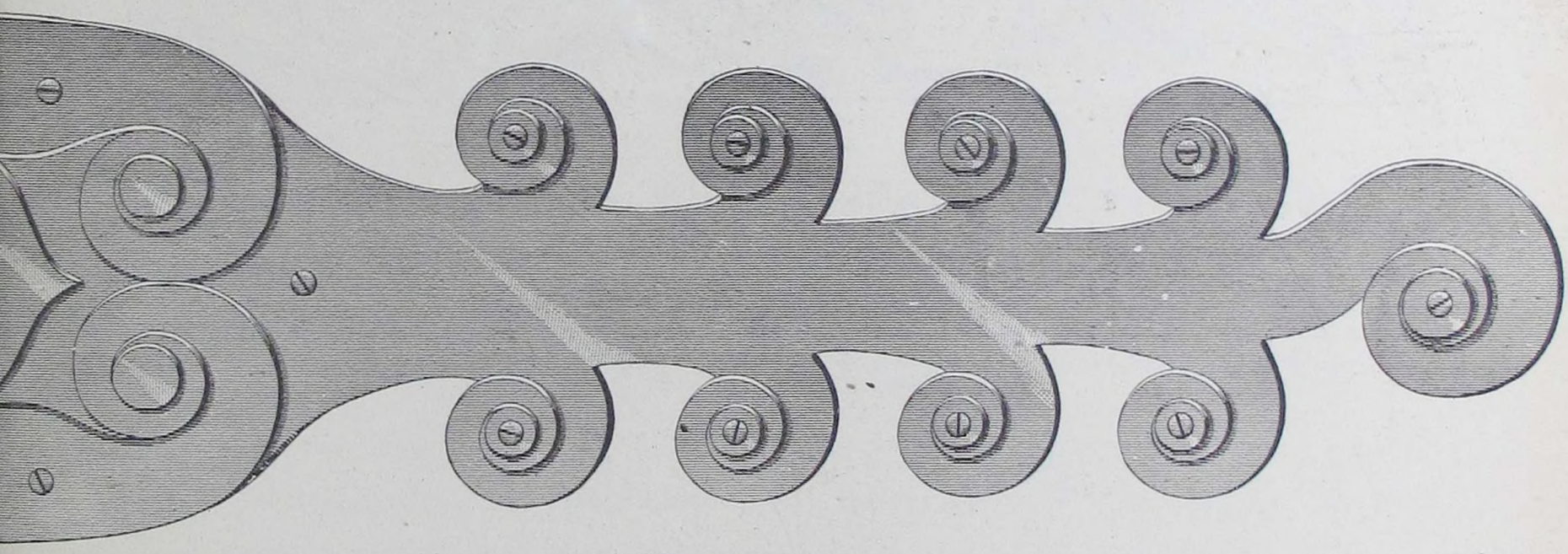
Also furnished in Brass or Bronze, if so ordered, for prices of which see Price List.

Photographs of Strap Hinges, of which we have many artistic patterns, both plain and ornamental, will be submitted on request.



No. 1018.

(Actual Size, 21 inches by 46½ inches.)



No. 1059.

(Actual Size, 12 inches by 36 inches.)

REAL BRONZE, BRASS, WROUGHT OR CAST IRON STRAP HINGES

TRADE Y&T MARK

REAL BRONZE

NUMBER PLATES.

Finish, see pages 14 and 308. Furnished as described in table below, unless otherwise ordered.

Packed, with nails, complete.

No.	Length.	Height.	Style.		Each.
			Background and Leaves.	Figures.	
1024	8¼ inches.	5⅛ inches.	Old Copper.	Gold-plated.	

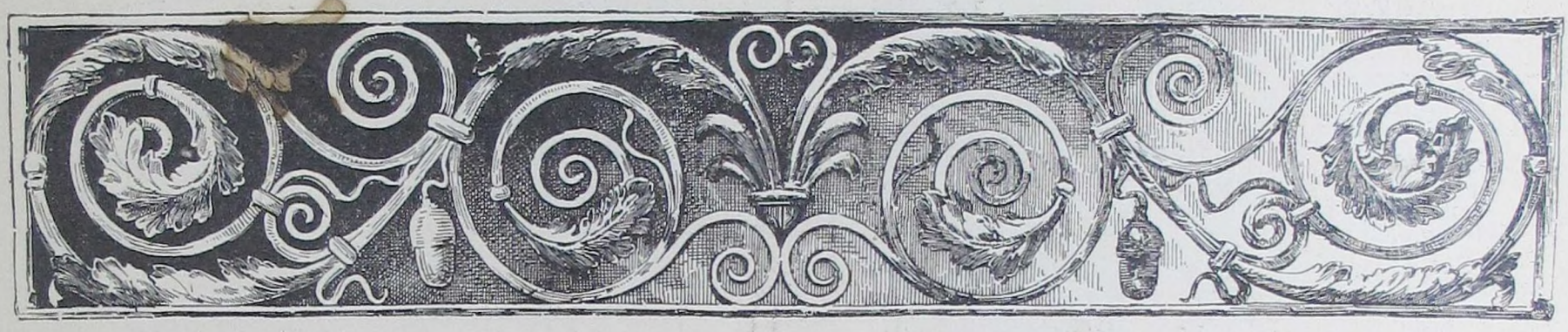
Numbers. Furnished with one, two or three figures at same price.

Figures only, without Plate. We have on hand figures only, without plate, both of Roman and Old Style faces, of several sizes, that can be furnished in Rustless Iron, or of Bronze or Brass in any finish desired. Photographs and prices on request.

For small Number Plates, see page 520.

WROUGHT-IRON

GRILLES.



The above illustration is given merely as an example of fine wrought-iron work done by us. We are prepared to do any work in wrought-iron, such as grilles, gates, brackets, lamps, etc., either from designs furnished us by architects, or we will submit designs of our own upon receipt of information as to the size of the work required, and the purpose for which it is intended. It will, in such cases, be well to give a general idea as to how elaborate the work is desired to be. All our wrought-iron work is finished by the **Bower-Barff** process, described on page 308, which gives a finish to the work which cannot be approached in any other way. Paint and other finishes with a dead surface give fair results when new, but they are not durable, and, especially when the work is exposed to the weather, rust soon begins to show and spoils the appearance of the work, The Bower-Barff finish, on the contrary, is durable for an indefinite time.

REAL BRONZE or BRASS

CHAIN BOLTS,

WITH CHAIN.

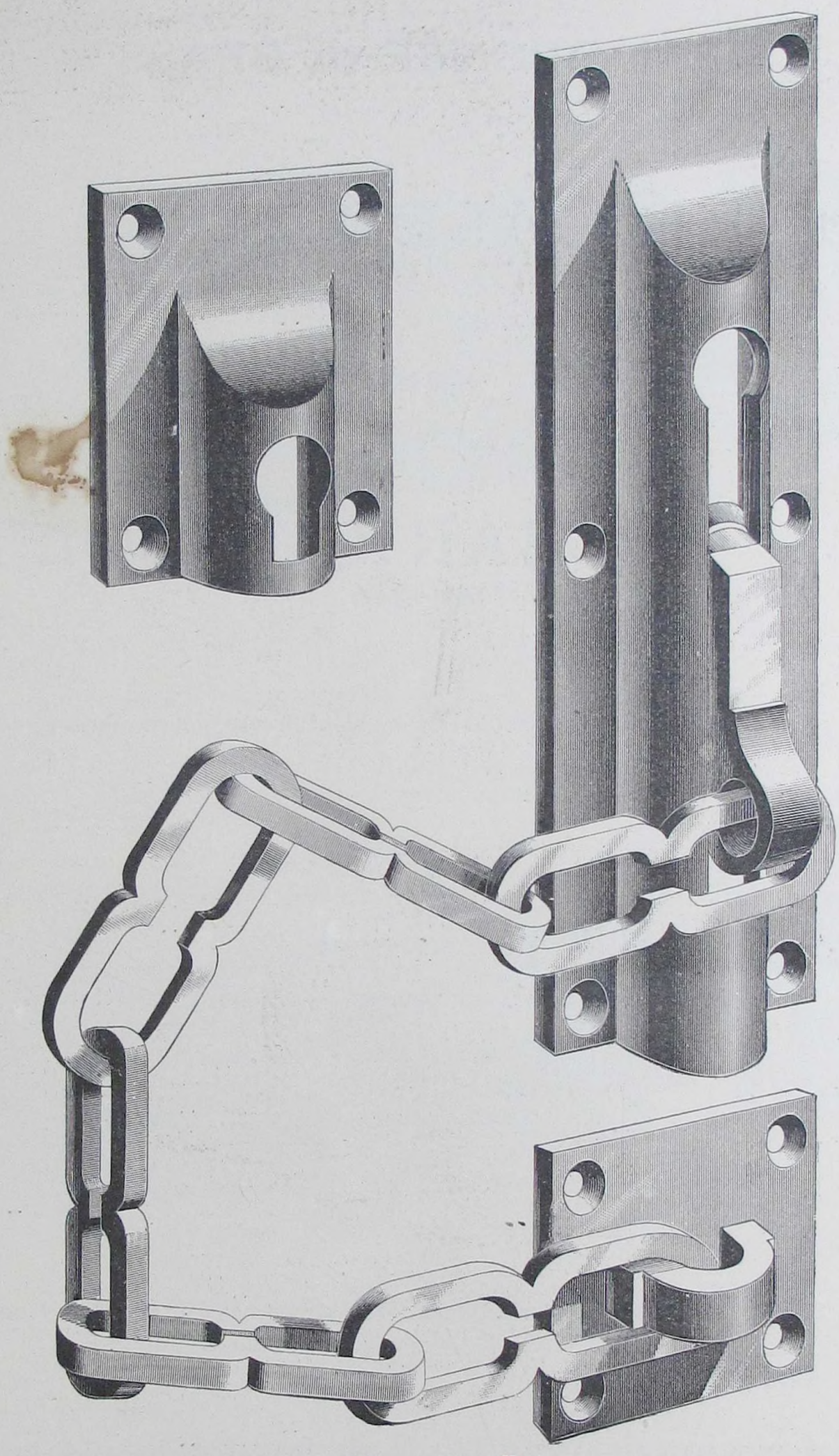
Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, each bolt in a paper box, with screws, complete.

No.	Style.	Length of Chain.	Each.
192P	Plain Bronze.	12 inches.	
192 Holly	Ornamental Bronze.	12 inches.	
192C	Ornamental Bronze.	12 inches.	

For ornamentation of No. 192C see illustration of No. 750C Butt, page 405.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.



No. 192P.

REAL BRONZE OR BRASS CHAIN BOLTS.

REAL BRONZE or BRASS

SQUARE-CASED

AND

BARREL BOLTS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, each bolt in a paper box, with screws, complete.

No.	Form of Case.	Style.	Length.	Per Dozen.
94P	Square.	Plain Bronze.	3¾ inches.	
96P	Square.	Plain Bronze.	5⅛ inches.	
193P	Barrel.	Plain Bronze.	4½ inches.	
195P	Barrel.	Plain Bronze.	6 inches.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

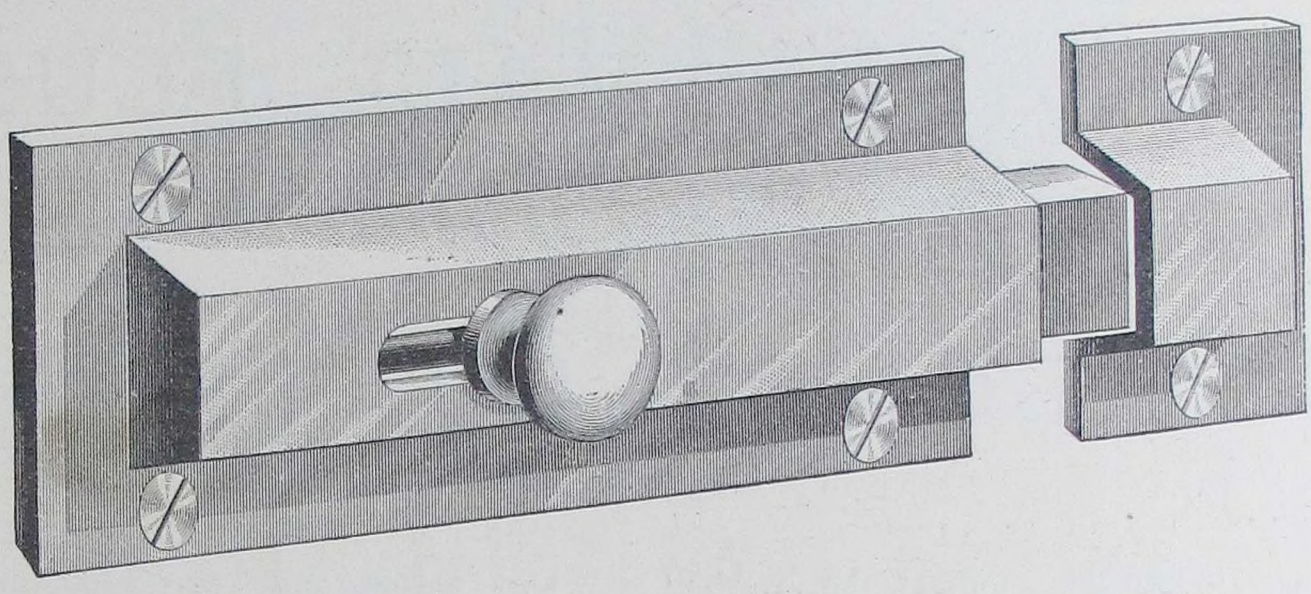
For Flush Bolts, see pages 426 to 431.

For Extension Bolts, see pages 432 to 439.

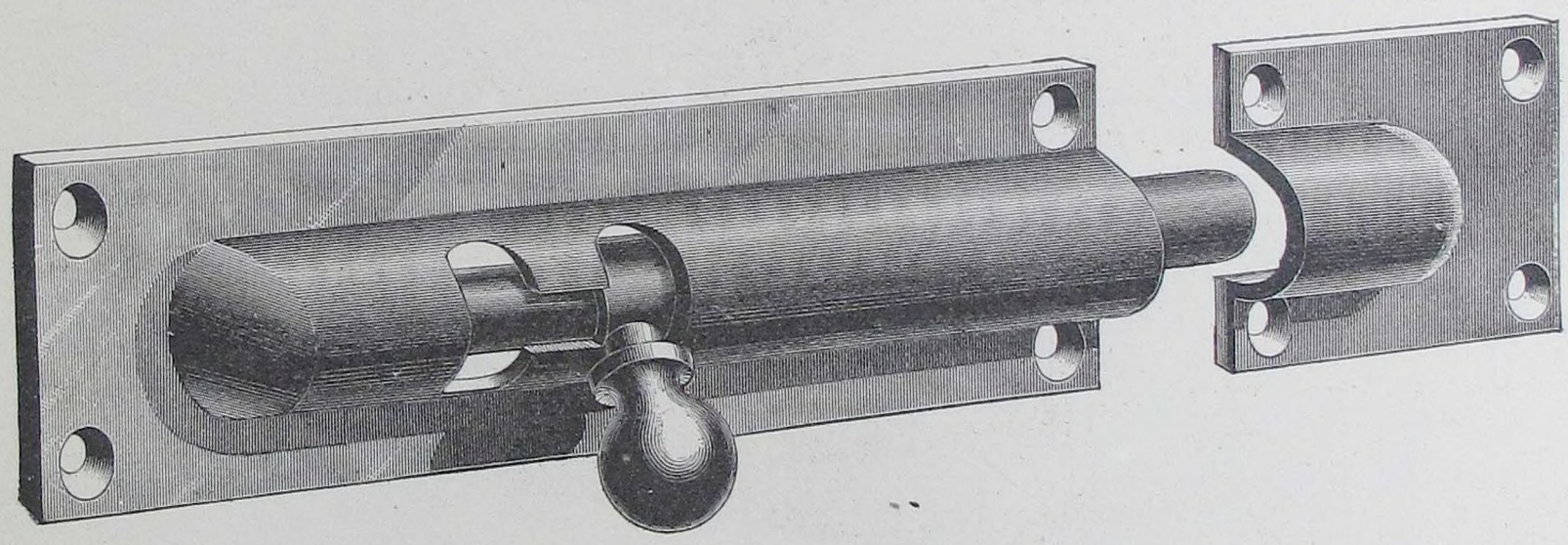
For Necked and Cupboard Bolts, see pages 426 and 427.

For Dutch Door Bolts, see pages 430 and 431.

For Spring Flush Bolts, see pages 428 and 429.



No. 94P.



No. 193P.

REAL BRONZE OR BRASS
SQUARE CASED AND BARREL BOLTS.

REAL BRONZE or BRASS

CUPBOARD, SMALL FLUSH

—AND—

NECKED BOLTS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, ½ dozen in a paper box, with screws and strikes, complete.

CUPBOARD BOLTS.

No.	Length.	Style.	Per Dozen.
90P	2½ inches.	Plain Bronze.	
90R	2½ inches.	Ornamental Bronze.	
90 Holly	2½ inches.	Ornamental Bronze.	

SMALL FLUSH BOLTS. (Width of Plate, ⅝ inch.)

480P	4 inches. 6 inches. 8 inches.	Plain Bronze.	

NECKED BOLTS.

290P	4 inches. 5 inches. 6 inches.	Plain Bronze.	

When ordering Flush or Necked Bolts, give **number** and **length in inches** of bolt desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

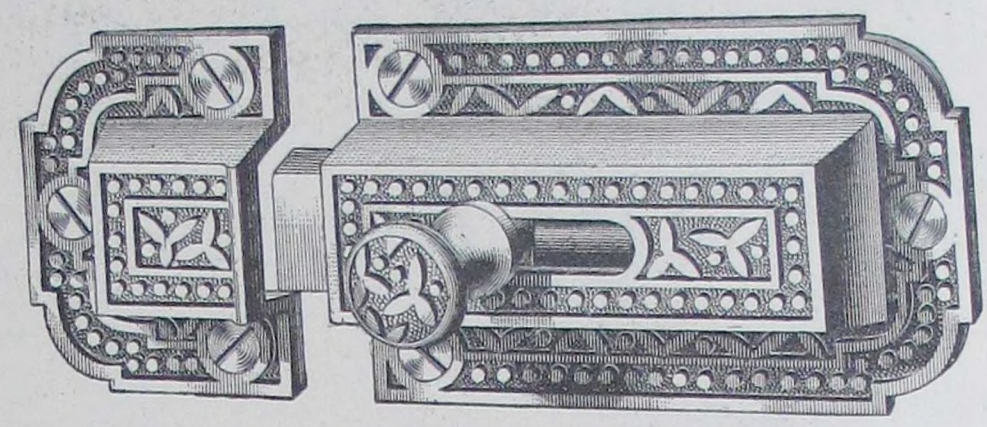
For other Flush Bolts, see pages 428 to 431.

For Extension Bolts, see pages 432 to 439.

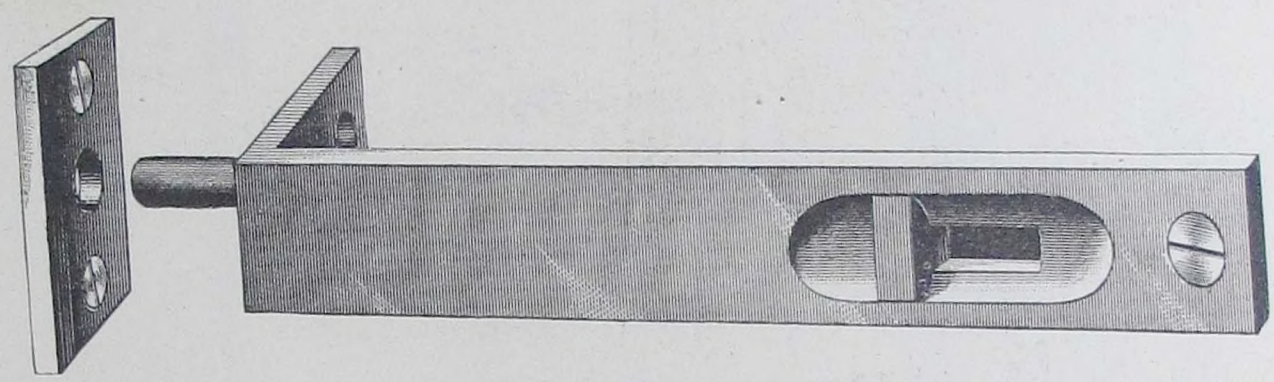
For Dutch Door Bolts, see pages 430 and 431.

For Spring Flush Bolts, see pages 428 and 429.

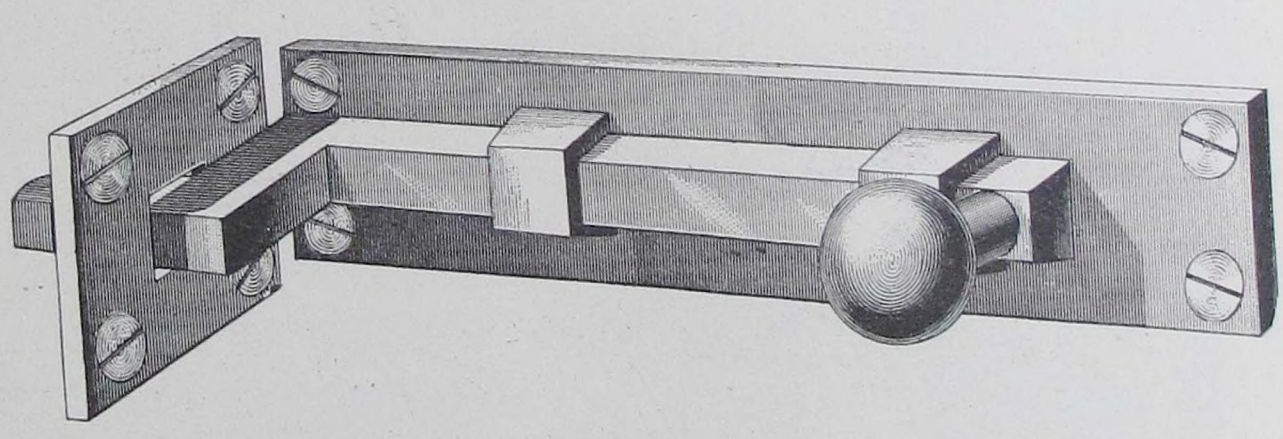
For Square Cased and Barrel Bolts, see pages 424 and 425.



No. 90R.



No. 480P.
(4 inch.)



No. 290P.
(4 inch.)

REAL BRONZE OR BRASS

CUPBOARD, SMALL FLUSH AND NECKED BOLTS.

REAL BRONZE or BRASS

FLUSH BOLTS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Lengths. List below indicates the distance from slide or knob to end of plate. Other lengths will be furnished to order.

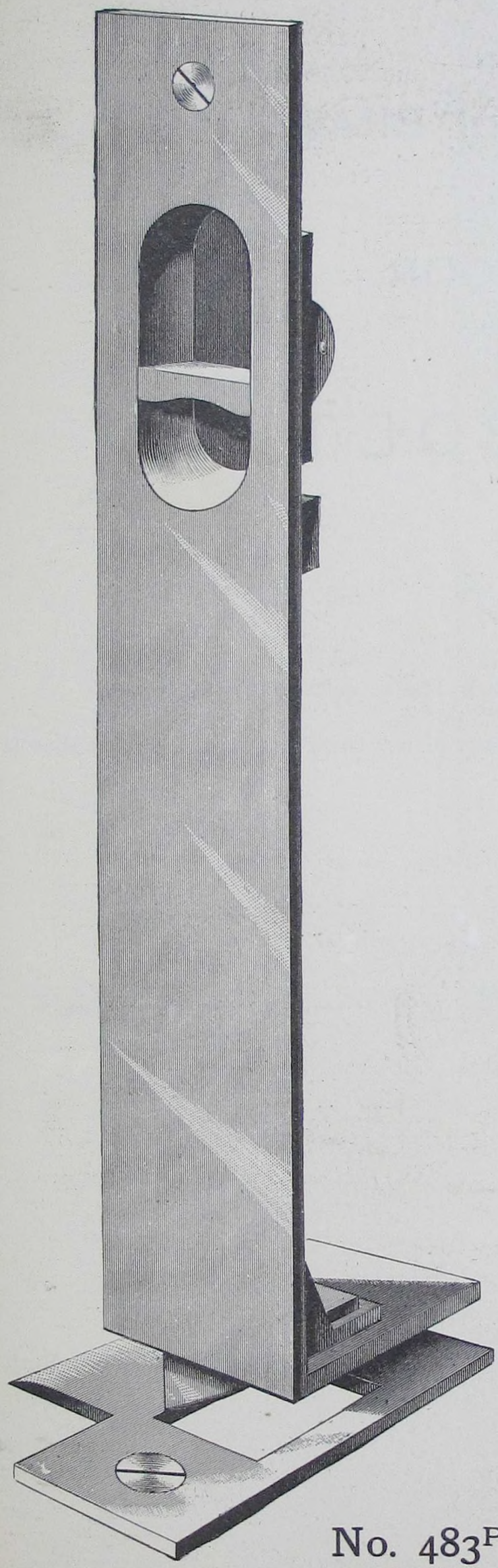
Packed, each bolt in a paper box, with screws and strikes, complete.

No.	Width of Plate.	Style.	Price, Each, of following Lengths in Inches.		
			6	9	12
WITH SLIDE.					
481P	1 inch.	Plain Bronze.			
482P	1⅛ inches.	Plain Bronze.			
483P	1¼ inches.	Plain Bronze.			
484P	1½ inches.	Plain Bronze.			
484 Holly	1½ inches.	Ornamental Bronze.			
WITH KNOB.					
581P	1 inch.	Plain Bronze.			
582P	1⅛ inches.	Plain Bronze.			
583P	1¼ inches.	Plain Bronze.			
584P	1½ inches.	Plain Bronze.			
584 Holly	1½ inches.	Ornamental Bronze.			
SPRING FLUSH BOLTS. With Slide.					
483P Spring	1¼ inches.	Plain Bronze.			

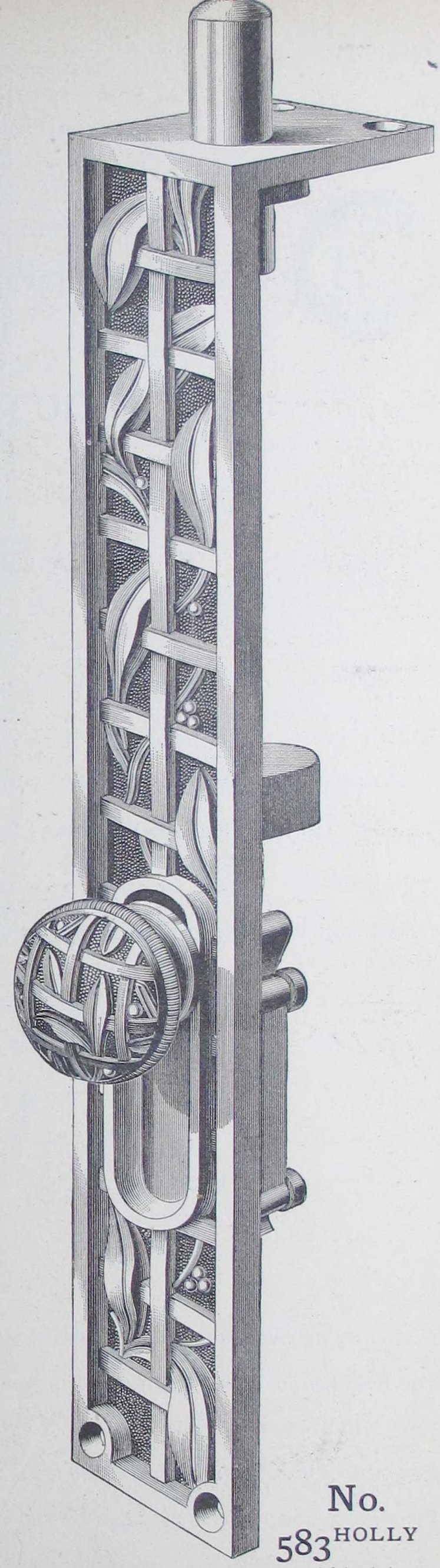
When ordering give **list number** and **length in inches** of bolt desired. If Spring Flush Bolt is wanted specify **spring** also.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For smaller Flush Bolts, see No. 480P, page 426.



No. 483P.
SPRING.
(6 inch.)



No.
583HOLLY
(6 inch.)

REAL BRONZE OR BRASS FLUSH AND SPRING FLUSH BOLTS.

REAL BRONZE or BRASS

DUTCH DOOR

FLUSH BOLTS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Lengths. List below indicates the distance from slide to end of plate. Other lengths will be furnished to order.

Packed, each bolt in a paper box, with screws and strikes, complete.

No.	Width of Plate.	Style.	Price, Each, of following Lengths in Inches.		
			6	9	12
493P	1¼ inches.	Plain Bronze.			

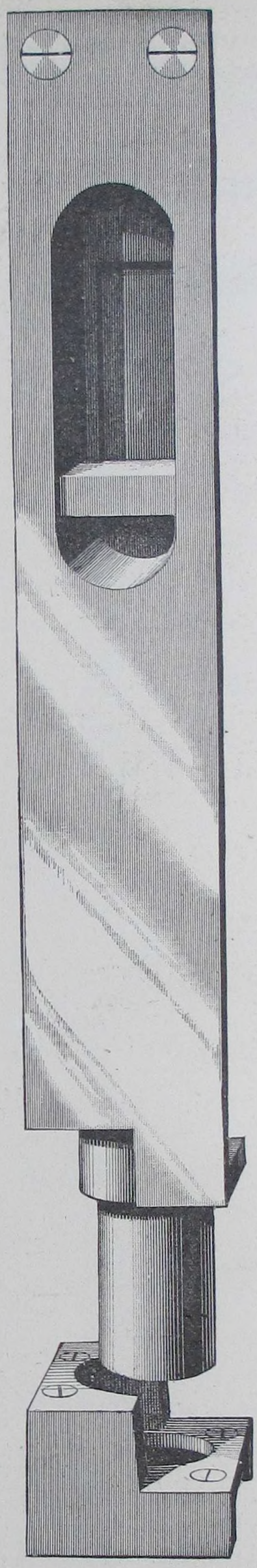
When ordering give **number** and **length in inches** of bolt desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other Flush Bolts, see pages 426 to 428.

For Spring Flush Bolts, see pages 428 and 429.

For Extension Bolts, see pages 432 to 439.



No. 493P.
(6 inch.)

REAL BRONZE OR BRASS DUTCH DOOR FLUSH BOLTS.

REAL BRONZE or BRASS

FLUSH

EXTENSION BOLTS.

These bolts consist of a 5½ inch plate, with extension bolt, as shown on opposite page.

Lengths. List below indicates the distance from slide or knob to the end of the rod.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, each bolt in a paper box, with screws and strikes, complete.

No.	Style.	Price, Each, of following Lengths in Inches.						
		12	18	24	36	48	60	72
WITH SLIDE. (Width of Plate, 1½ inches.)								
688P	Plain Bronze.							
688R	Ornamental Bronze.							
688 Holly	Ornamental Bronze.							
688C	Ornamental Bronze.							
WITH KNOB. (Width of Plate, 1½ inches.)								
788P	Plain Bronze.							
788R	Ornamental Bronze.							
788 Holly	Ornamental Bronze.							
788C	Ornamental Bronze.							

For ornamentation of Nos. 688R and 788R, see No. 90R, page 427, and of Nos. 688C and 788C, see No. 750C Butt, page 405.

When ordering give **list number** and **length in inches** of bolt desired.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For heavier Flush Extension Bolts, see pages 434 and 435.

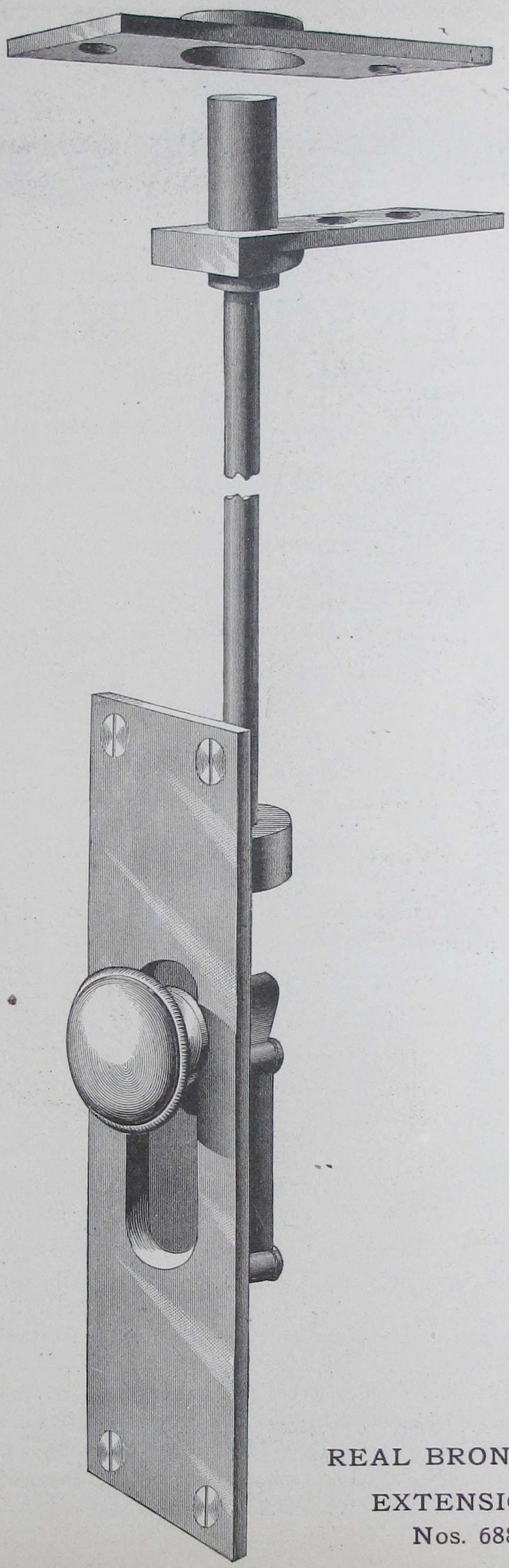
For Mortise Extension Bolts, see pages 436 to 439.

For Necked and Cupboard Bolts, see pages 426 and 427.

For Dutch Door Bolts, see pages 430 and 431.

For Solid Bolts, see pages 424 to 431.

For Spring Flush Bolts, see pages 428 and 429.



No. 788P.

REAL BRONZE OR BRASS

EXTENSION BOLTS,

Nos. 688 and 788.

REAL BRONZE or BRASS

FLUSH

EXTENSION BOLTS.

HEAVY PATTERNS.

Nos. 288 and **388** consist of a 5½ inch plate, and **Nos. 888** and **988** of a 7 inch plate, with extension bolt, as shown on following pages.

Lengths. List below indicates the distance of the Slide, Knob or T Handle to the end of the rod.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, each bolt in a paper box, with screws and strikes, complete.

WITH SLIDE. Width of Plate, 1½ inches.

No.	Style.	Price, Each, of following Lengths in Inches.						
		12	18	24	36	48	60	72
288P	Plain Bronze.							

WITH KNOB. Width of Plate, 1½ inches.

No.	Style.	Price, Each, of following Lengths in Inches.						
		12	18	24	36	48	60	72
388P	Plain Bronze.							

WITH T HANDLE. Width of Plate—No. 888P, 1¾ inches; No. 988P, 2½ inches.

No.	Style.	Price, Each, of following Lengths in Inches.						
		12	18	24	36	48	60	72
888P	Plain Bronze.							
888 Holly	Ornamental Bronze.							
988P	Plain Bronze.							
988 Holly	Ornamental Bronze.							

Nos. 888 and 988Holly have plates the same size as Nos 888P and 988P, put the design is similar to No. 750Holly Butt, page 401.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

When ordering give list number and length in inches of bolt desired, also thickness of the door.

For other Flush Extension Bolts, see pages 432 and 433.

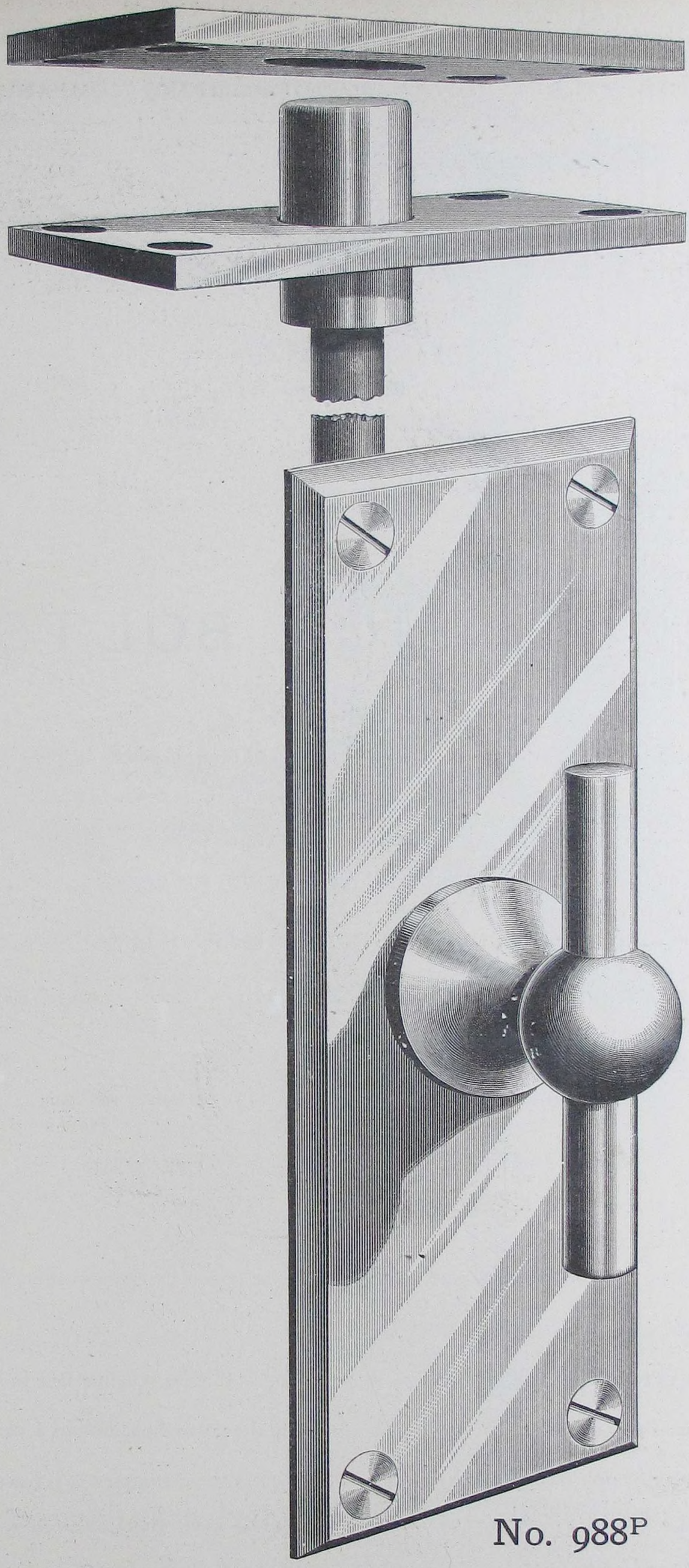
For Necked and Cupboard Bolts, see pages 426 and 427.

For Mortise Extension Bolts, see pages 436 to 439.

For Spring Flush Bolts, see pages 428 and 429.

For Dutch Door Bolts, see pages 430 and 431.

For Solid Bolts, see pages 424 and 431.



No. 988P

REAL BRONZE OR BRASS FLUSH EXTENSION BOLTS.

[HEAVY PATTERNS.]

REAL BRONZE or BRASS

MORTISE

DOUBLE

EXTENSION BOLTS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Operated from the **inside only** by lever handle.

Right and Left. Can be used at will on right or left sides of sashes and doors.

Packed, each bolt in a paper box, with screws, guides, strikes, and No. 31 Lever Handle, complete.

Bronze Bolts and **Iron Extension Rods.** **Case,** 3 inches by 2 inches.

No.	Front, Guides and Strikes.	Lever Handle and Plate.	Each.
184P	Plain Bronze.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same price. For same goods in rustless Iron, Bower-Barff finish, see page 308.

When Ordering give full height and thickness of sash or door, and state whether face is beveled, round or rabbeted, also distance from bottom of sash or door to the desired position of lever handle.

For other Mortise Extension Bolts, see page 438.

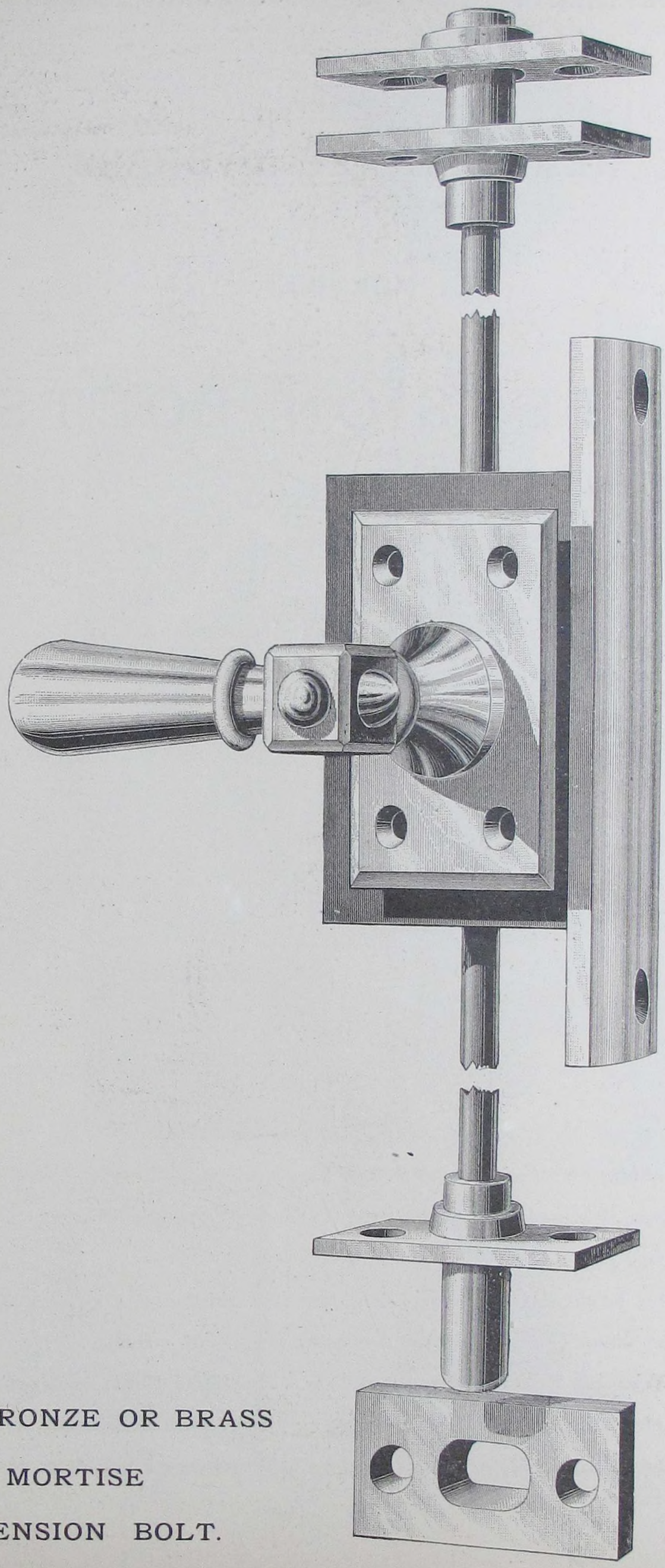
For Solid Bolts, see pages 424 to 431.

For Cupboard Bolts, see pages 426 and 427.

For Necked Bolts, see pages 426 and 427.

For Flush Extension Bolts, see pages 432 to 435.

For Dutch Door Bolts, see pages 430 and 431.



REAL BRONZE OR BRASS

MORTISE

EXTENSION BOLT.

No. 184P.

REAL BRONZE or BRASS

MORTISE

EXTENSION BOLTS.

HEAVY PATTERN.

Operated from the **inside only** by T handle.

Right and **Left.** Can be used at will both on right or left sides of sashes and doors.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, each bolt in a paper box, with screws, guides, strikes, T handle and plate, complete.

Plate, 5¼ inches by 2½ inches. **Case,** 3¾ inches by 4 inches.

No.	Front, Guides and Strikes.	T Handle and Plate.	Each.
188P	Plain Bronze.	Plain Bronze.	
188R	Plain Bronze.	*Ornamental Bronze.	
188 Holly	Plain Bronze.	*Ornamental Bronze.	

*The T handle and Plate of No. 188R and 188Holly are ornamented as follows: No. 188R as No. 750R Butt, page 403, and No. 188Holly as No. 750Holly Butt, page 401.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

When ordering give full height and thickness of door, and state whether face is beveled or rabbeted, also distance from bottom of sash or door to the desired position of T Handle.

For other Mortise Extension Bolts, see page 436 and 437.

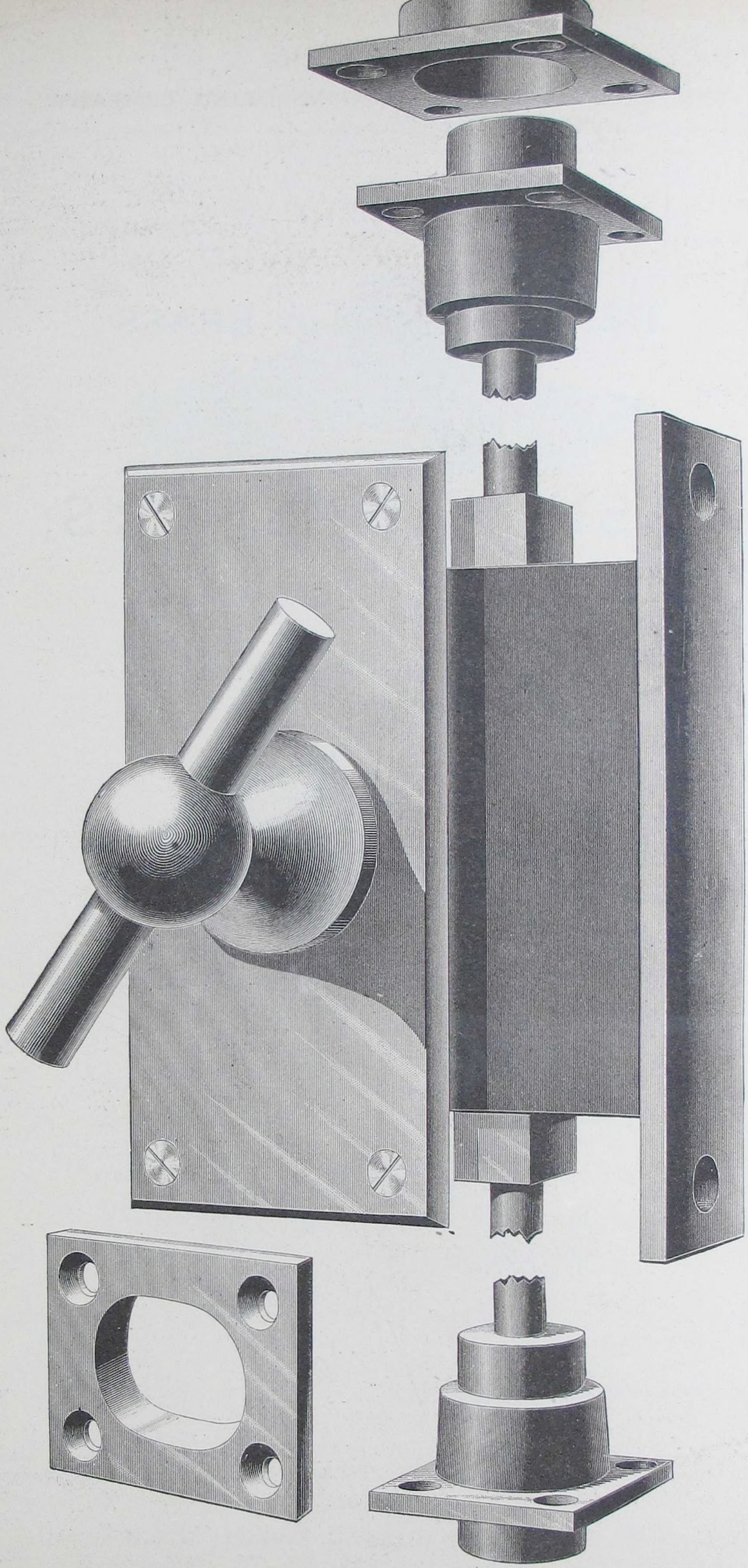
For Necked and **Cupboard Bolts,** see pages 426 and 427.

For Flush Extension Bolts, see pages 432 to 435.

For Solid Bolts, see pages 424 to 431.

For Dutch Door Bolts, see pages 430 and 431.

For Spring Flush Bolts, see pages 428 and 429



No. 188P

REAL BRONZE OR BRASS MORTISE EXTENSION BOLTS.

REAL BRONZE or BRASS

SASH FASTENERS,

Self-Locking and Extra Secure.

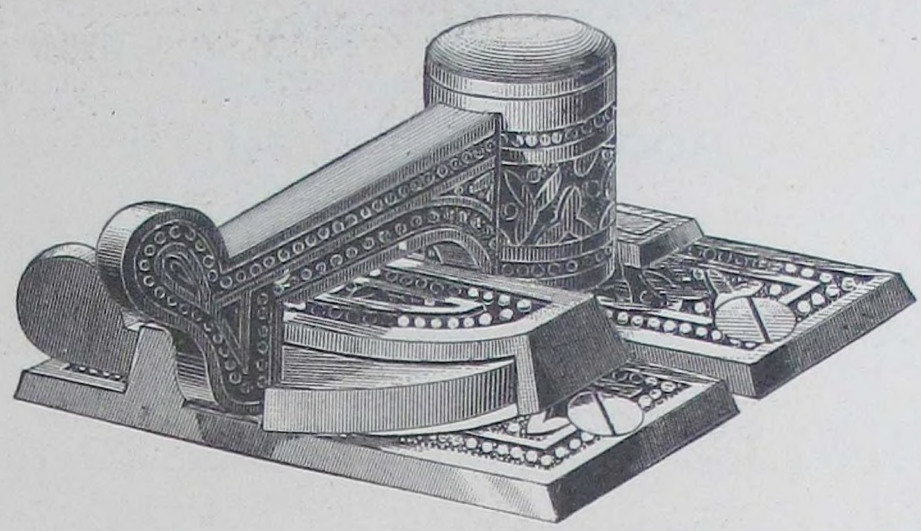
Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 dozen in a paper box, with screws, complete.

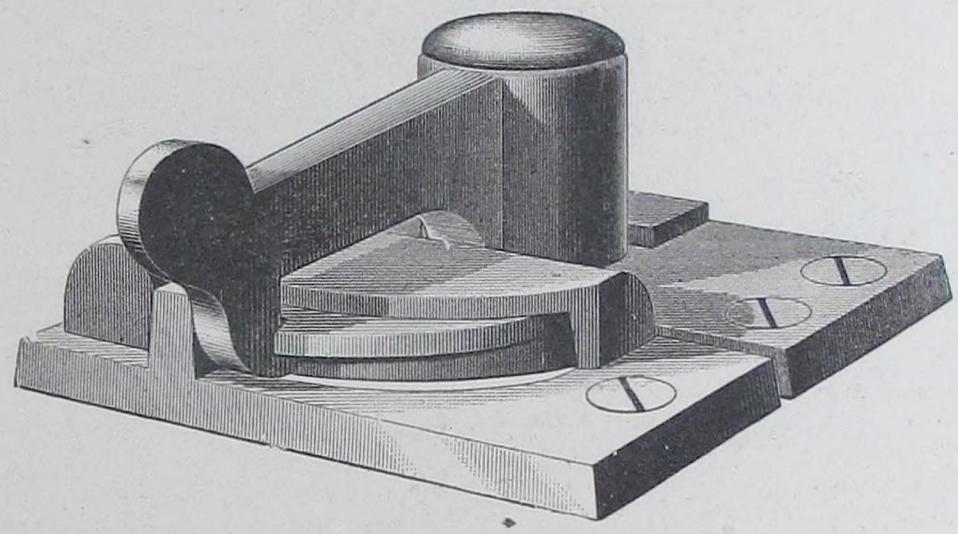
No.	Size of Plate.	Style.	Per Dozen.
1371P	1⅛ inches by 2⅝ inches.	Plain Bronze.	
1371R	1⅛ inches by 2⅝ inches.	Ornamental Bronze.	
1371 Holly	1⅛ inches by 2⅝ inches.	*Ornamental Bronze.	
1372P	1 inch by 2¼ inches.	Plain Bronze.	
1372R	1 inch by 2¼ inches.	Ornamental Bronze.	

*Same ornamentation as No. 750Holly Butt, page 401.

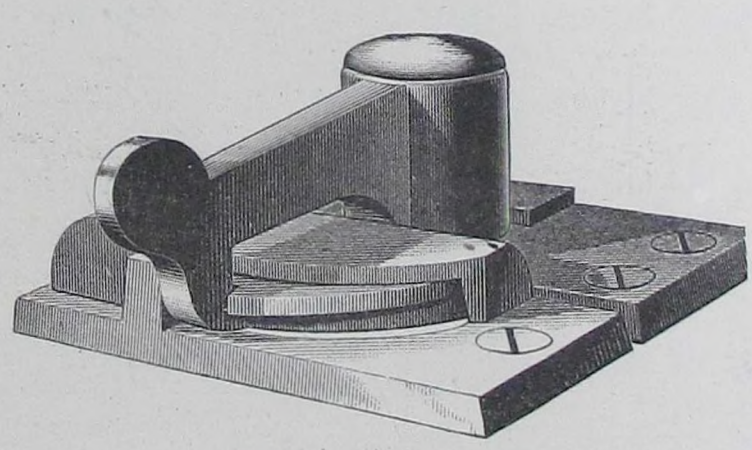
Also furnished in Brass, if so ordered, at same prices. For same goods in rustless Iron, Bower-Barff finish, see page 308.



No. 1371R.



No. 1371P.



No. 1372P.

REAL BRONZE OR BRASS SASH FASTENERS, Nos. 1371 and 1372.

REAL BRONZE or BRASS

HOOK AND FLUSH

SASH LIFTS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 dozen in a paper box, with screws, complete.

HOOK LIFTS.

No.	Width.	Style.	Per Dozen.
1340P	1½ inches.	Plain Bronze.	
1340R	1½ inches.	Ornamental Bronze.	
*1341P	1½ inches.	Plain Bronze.	
1343P	1¾ inches.	Plain Bronze.	

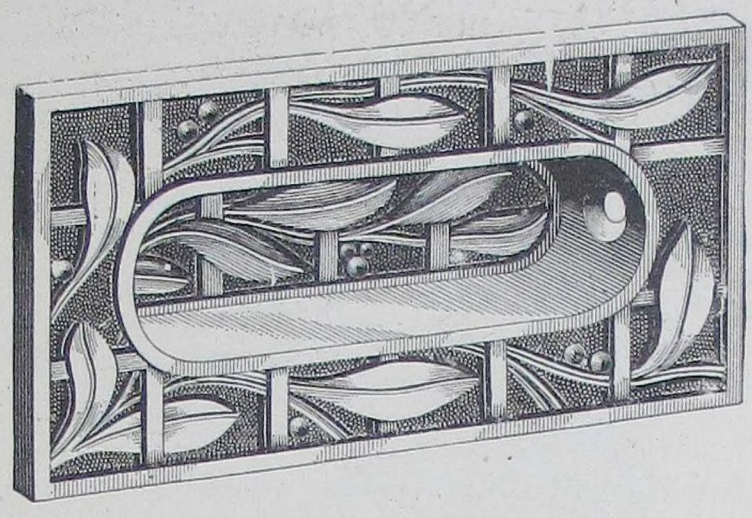
FLUSH LIFTS.

1344P	1½ inches by 3 inches.	Plain Bronze.	
1344R	1¾ inches by 3¼ inches.	Ornamental Bronze.	
1344 Holly	1⅝ inches by 3 inches.	Ornamental Bronze.	
1347P	1¼ inches by 3 inches.	Plain Bronze.	
1349P	2 inches by 3½ inches.	Plain Bronze.	
1349R	2 inches by 3½ inches.	Ornamental Bronze.	
1349 Holly	2 inches by 3½ inches.	Ornamental Bronze.	

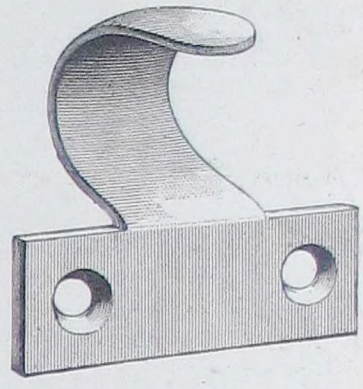
Plain Bronze Flush Lifts are made also with beveled edge, at slightly increased price, as specified in Price List, and furnished if so specified in order.

*The hook of No. 1341P is offset outward, so that it will not interfere with the window shade.

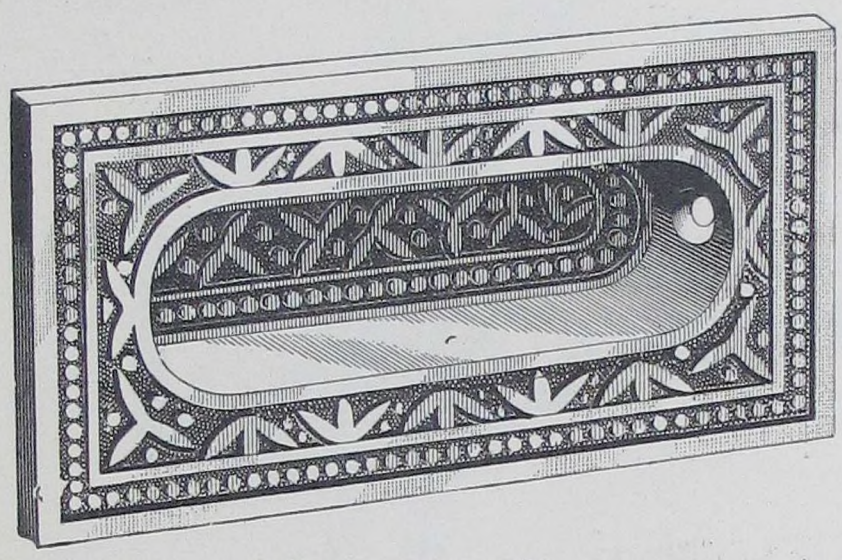
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.



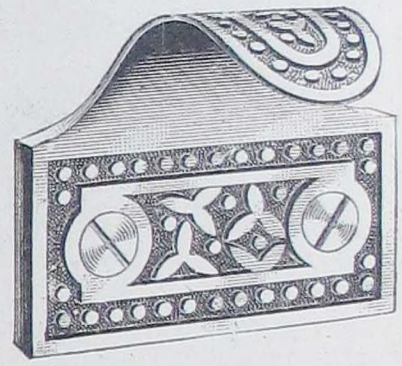
No. 1344 HOLLY



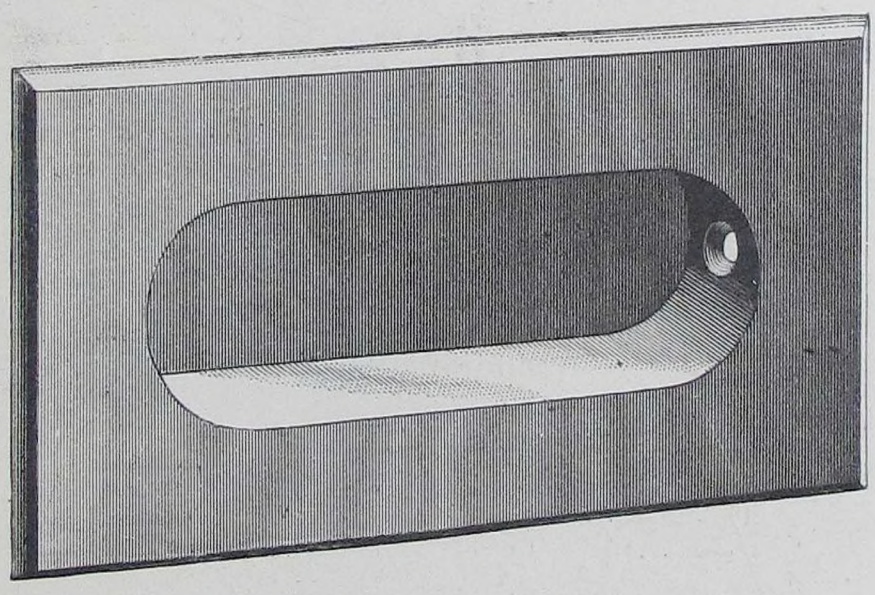
No. 1341P.



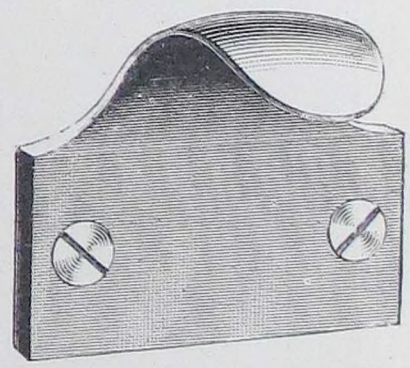
No. 1344R.



No. 1340R.



No. 1349P.
(Beveled Edge.)



No. 1343P.

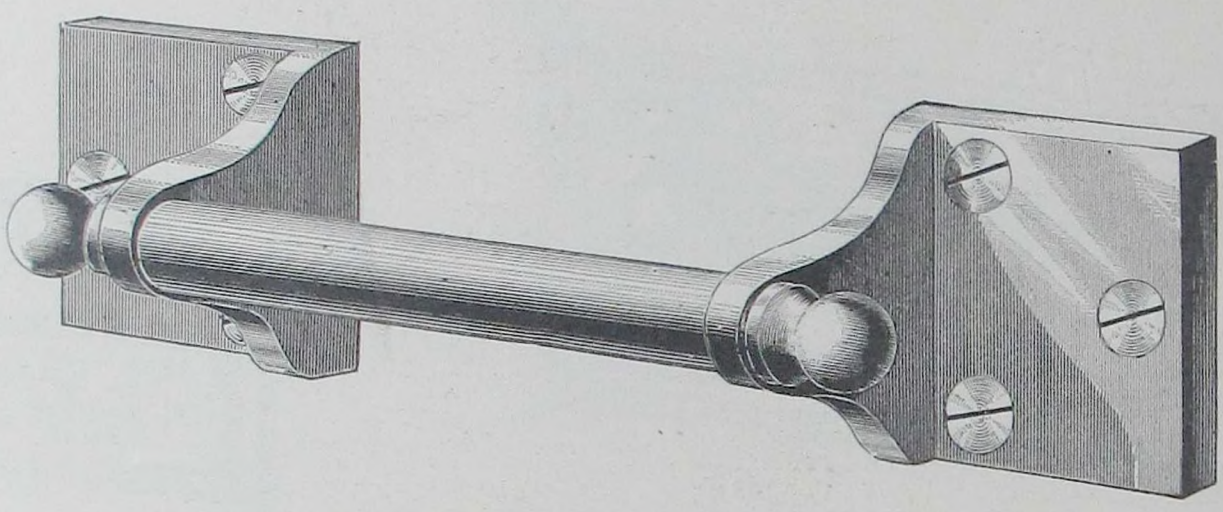
REAL BRONZE OR BRASS HOOK AND FLUSH SASH LIFTS.

REAL BRONZE or BRASS

BAR SASH LIFTS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, ¼ dozen in a paper box, with screws, complete.

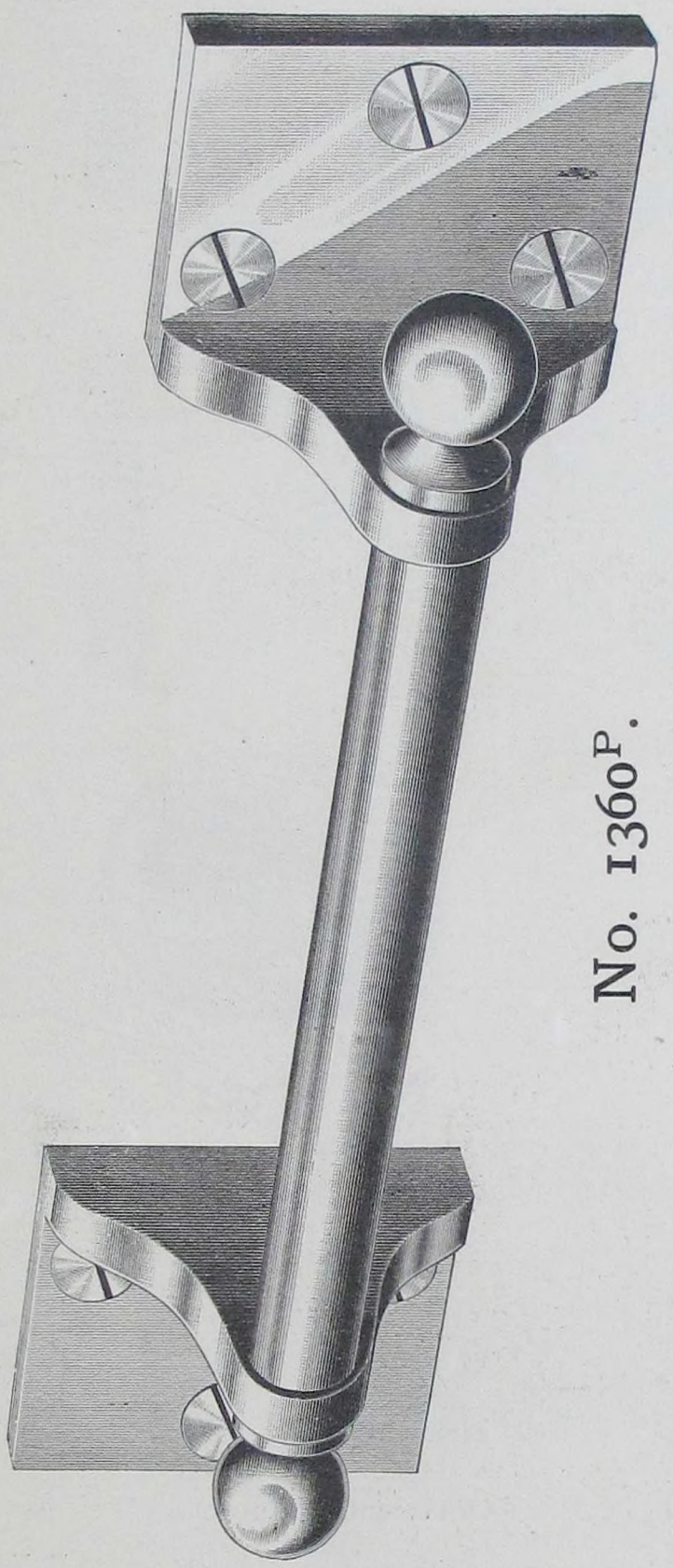


No. 1362P.

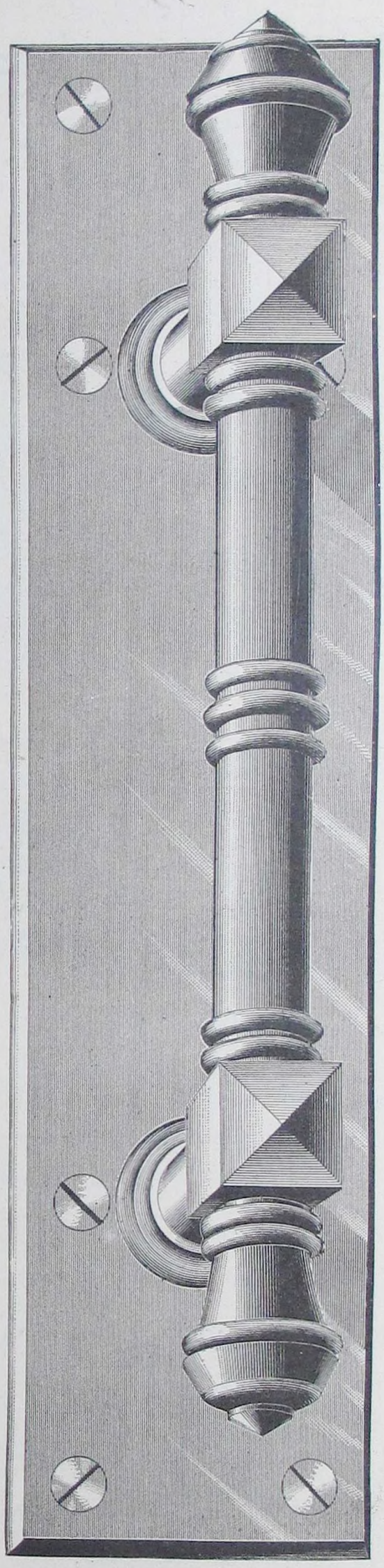
No.	Size.	Style.	Per Dozen.
1360P	2 × 7 inches.	Plain Bronze.	
1360R	2 × 7 inches.	*Ornamental Bronze.	
1360 Holly	2 × 7 inches.	*Ornamental Bronze.	
1362P	1½ × 4¾ inches.	Plain Bronze.	
1361P	2 × 8¾ inches.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in rustless Iron, Bower-Barff finish, see page 308.

*Nos. 1360R and 1360Holly have same bar as No. 1360P; but the plates of No. 1360R have same ornamentation as No. 750R Butt, page 403, and No. 1360Holly as No. 750Holly Butt, page 401.



No. 1360P.

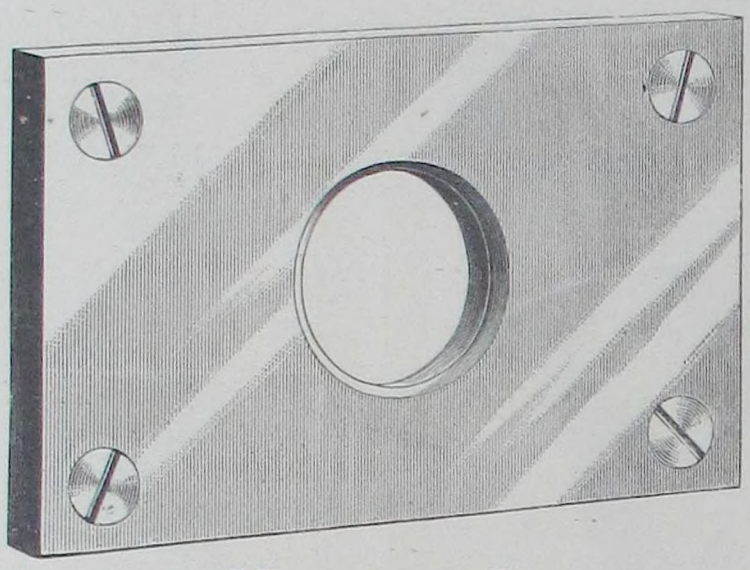


No. 1361P.

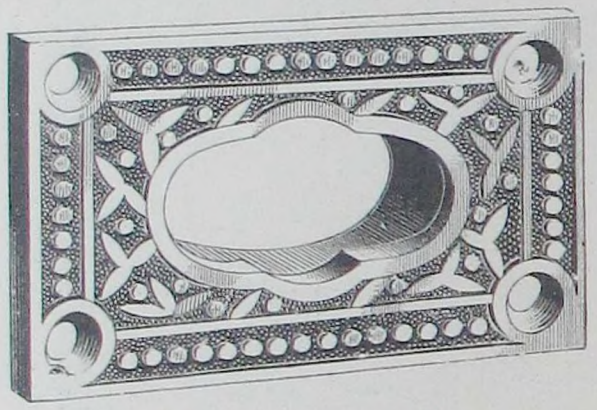
REAL BRONZE OR BRASS BAR SASH LIFTS, Nos. 1360P to 1362P

REAL BRONZE or BRASS

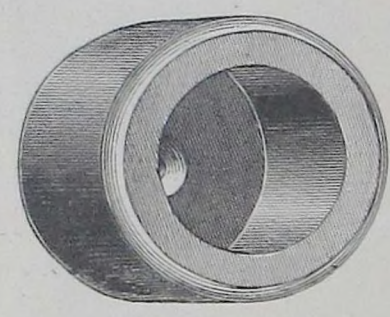
SASH SOCKETS.



No. 1352P.



No. 1350R.



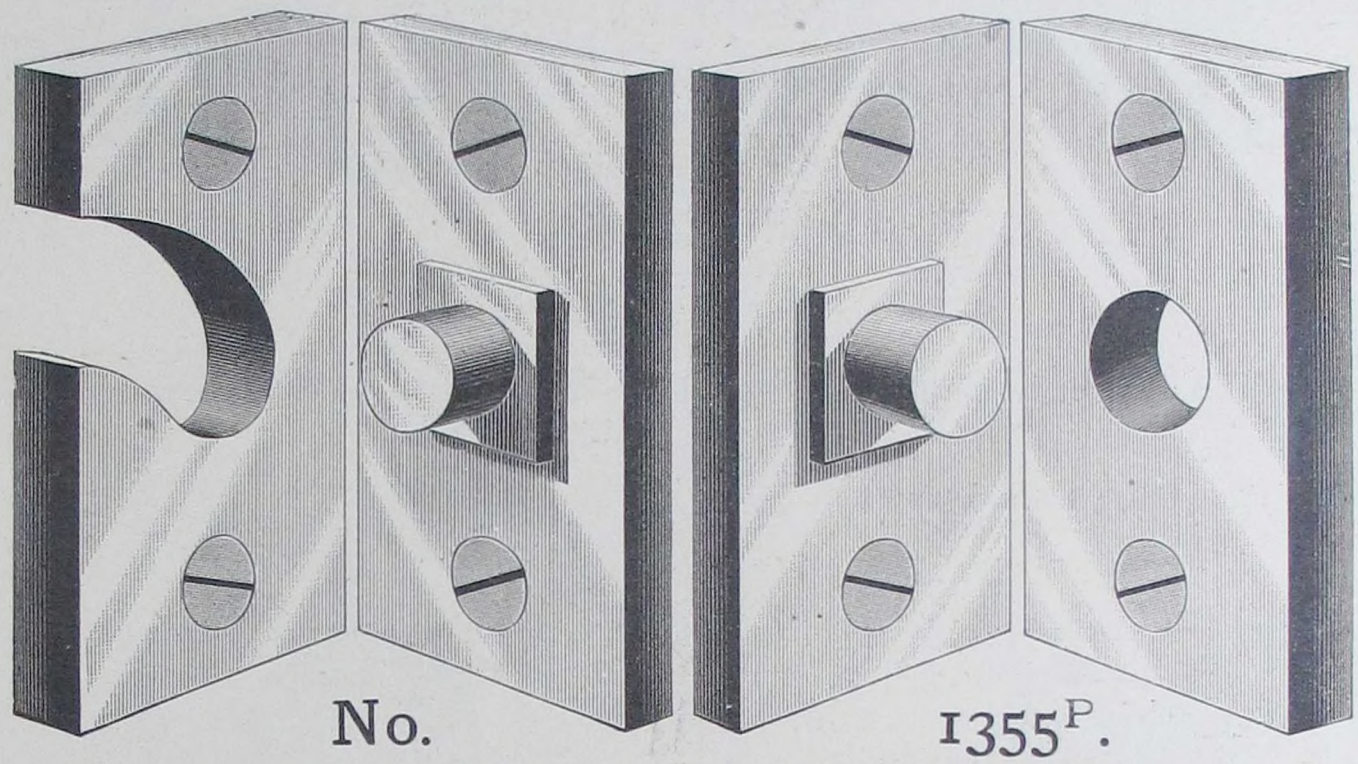
No. 1351P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, 1 dozen in a paper box, with screws, complete.

No	Size.	Style.	Per Dozen.
1350P	1⅜ inches by 2⅛ inches.	Plain Bronze.	
1350R	1⅜ inches by 2¼ inches.	Ornamental Bronze.	
1350 Holly	1½ inches by 2¼ inches.	Ornamental Bronze.	
1351P	1⅛ inch diameter.	Plain Bronze.	
1352P	2 inches by 3 inches.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

REAL BRONZE or BRASS
SASH CENTERS.



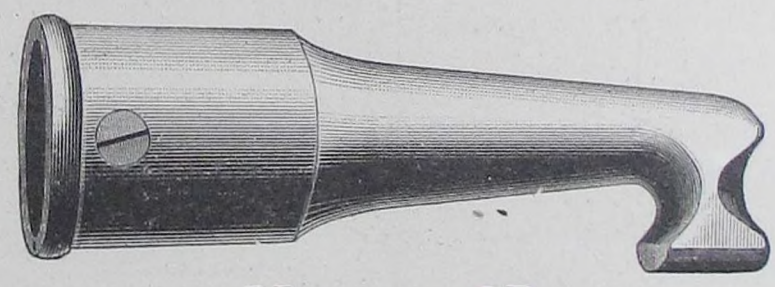
No. 1355P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, ¼ dozen sets (4 in a set) in a paper box, with screws, complete.

No.	Size.	Style.	Per Dozen.
1355P	1⅜ inches by 2⅝ inches.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same price. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

PULL DOWN SASH HOOKS.



No. 1358P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, 1 dozen in a paper box, with screws.

No.	Size.	Style.	Per Dozen.
1358P	3 inches long.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same price. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

REAL BRONZE or BRASS

SHUTTER KNOBS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

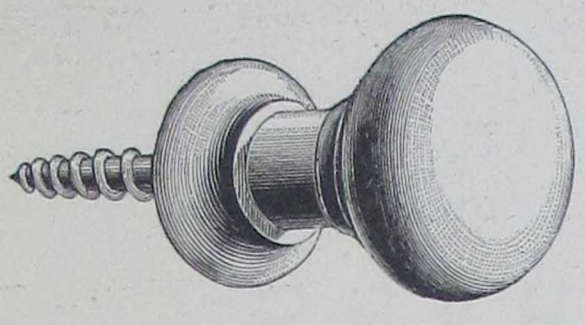
Packed, 1 dozen in a paper box, complete.

No.	Diameter.	Style.	Per Dozen.
1312P	¾ inch.	Plain Bronze.	
1314P	1 inch.	Plain Bronze.	
1315P	1⅛ inch.	Plain Bronze.	
1316P	1¼ inch.	Plain Bronze.	
1320P	1 inch.	Plain Bronze.	
1320R	1 inch.	Ornamental Bronze.	
1321P	1⅛ inch.	Plain Bronze.	
1321R	1⅛ inch.	Ornamental Bronze.	
1321S	1⅛ inch.	Plain Bronze, Spiral, Fluted.	
1321F	1⅛ inch.	Plain Bronze, Fluted.	
1322P	1¼ inch.	Plain Bronze.	
1322R	1¼ inch.	Ornamental Bronze.	
1322 Holly	1¼ inch.	Ornamental Bronze.	
1371	1×1⅝ inches.	Plain Bronze, Oval, Fluted.	

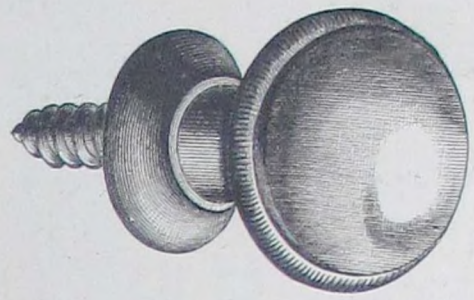
Nos. 1312P, 1314P and 1316P are of same design as No. 1315P shown in illustration, differing only in size.

No. 1371 is fluted as No, 1321F, but is oval instead of round.

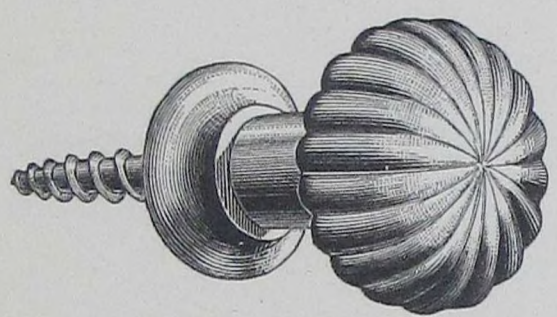
Also furnished in Brass, if so ordered, at same prices. For same goods in rustless Iron, Bower-Barff finish, see page 308.



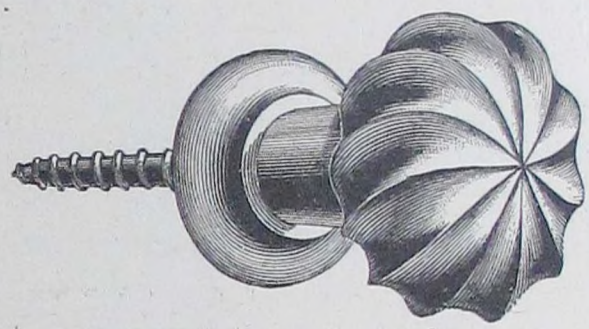
No. 1315P.



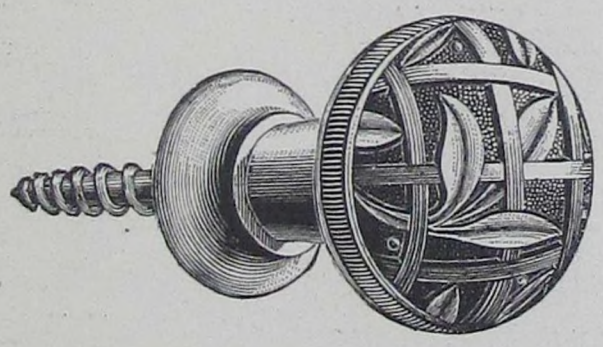
No. 1321P.



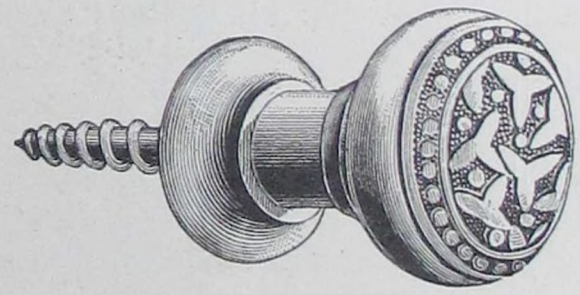
No. 1321F.



No. 1321S.



No. 1322HOLLY.



No. 1321R.

REAL BRONZE OR BRASS SHUTTER KNOBS.

REAL BRONZE or BRASS

ADJUSTABLE

SHUTTER BARS.

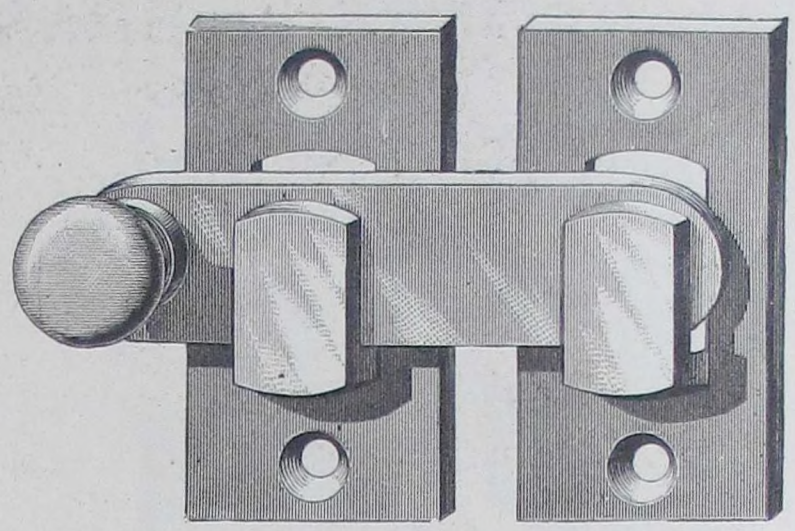
FOR USE ON INSIDE SHUTTERS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

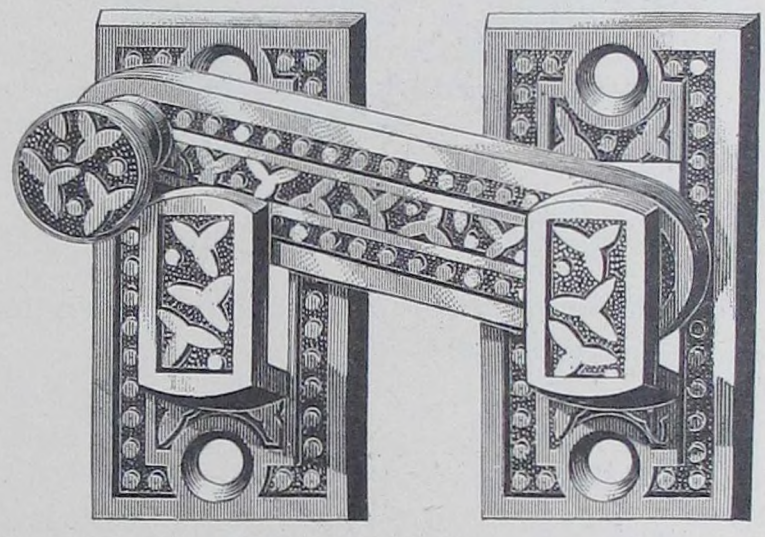
Packed, 1 dozen in a paper box, with screws, complete.

No.	Size.	Style.	Per Dozen.
1381P	1¾ inches.	Plain Bronze.	
1382P	2⅛ inches.	Plain Bronze.	
1382R	2⅛ inches.	Ornamental Bronze.	
1382 Holly	2⅛ inches.	Ornamental Bronze.	

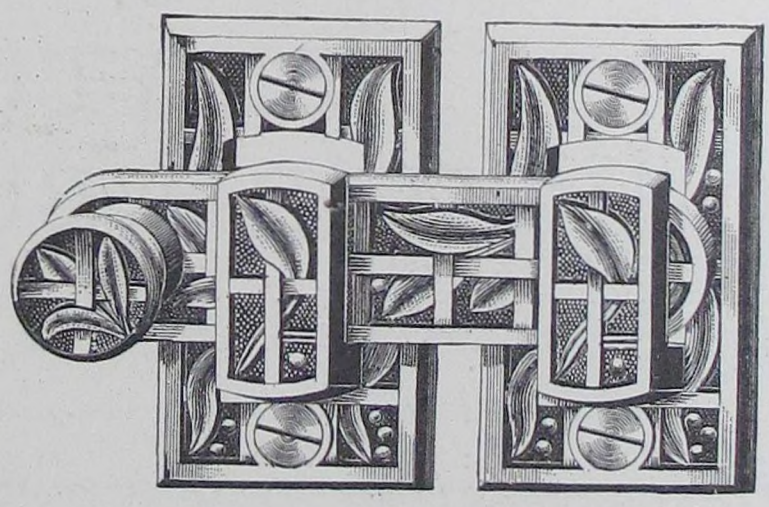
Furnished also in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.



No. 1382P.



No. 1382R.

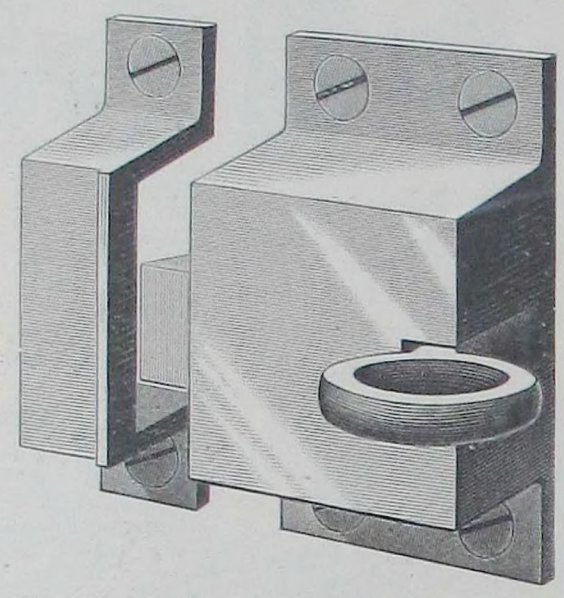


No. 1382HOLLY

REAL BRONZE OR BRASS ADJUSTABLE SHUTTER BARS.

REAL BRONZE or BRASS

TRANSOM WINDOW CATCHES.

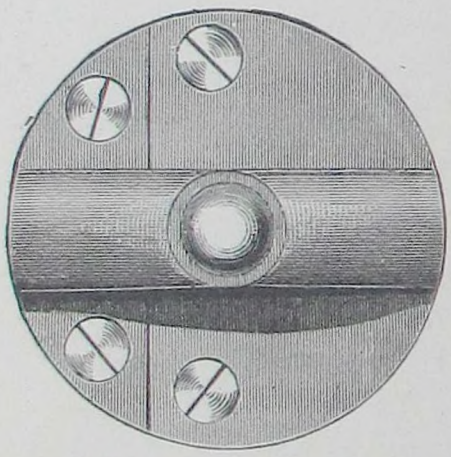


No. 1188P. (Regular Bevel.)

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, ½ dozen in a paper box, with screws, complete.

No.	Size.	Style.	Per Dozen.
1188P	2⅛ inches by 1¼ inches.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.
Reverse Bevel. Can be furnished when so ordered, with reverse bevel latch bolt and strike, at same price.



No. 1083P.

PLATE CUPBOARD BUTTONS.

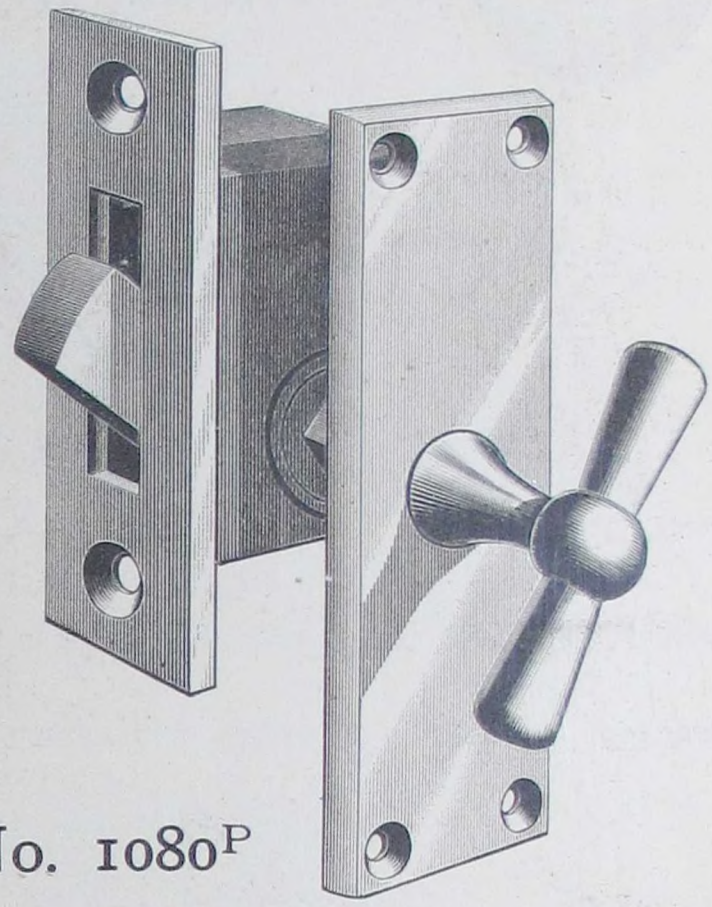
Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 dozen in a paper box, with screws, complete.

No.	Size.	Style.	Per Dozen.
1083P	1¾ inches.	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

REAL BRONZE or BRASS MORTISE TURNBUCKLES.



No. 1080P

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

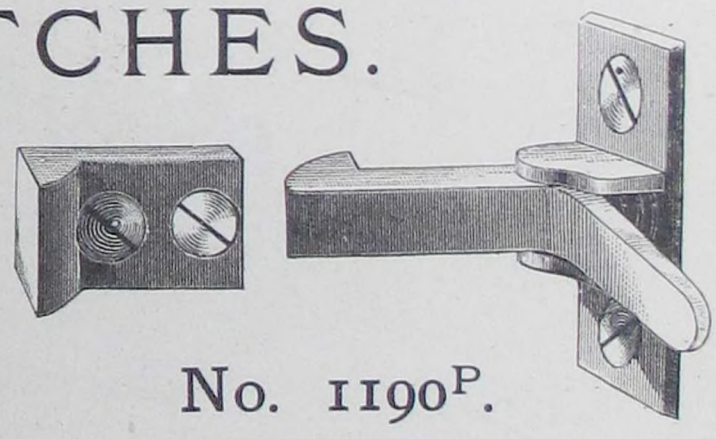
Packed, ½ dozen in a paper box, with strike, T handle, plate and screws, complete.

No.	Size of Plate.	Size of Case.	Style of Front.	Style of Plate.	Per Dozen.
1080	3 ins. by 1 in.	1½ ins. by 1 in.	Plain Bronze.	Ornamental.	
1080P				Plain.	
1080R				Ornamental.	
1080 Holly				Ornamental.	

Plates of No. 1080 are ornamented as follows, No. 1080 as Combined Escutcheon, No. 404, page 347. No. 1080R as 304R, page 341, and No. 1080Holly as 750Holly Butt, page 401.

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

ELBOW CATCHES.



No. 1190P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 dozen in a paper box, with strike and screws, complete.

No	Style.	Per Dozen.
1190P	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

REAL BRONZE or BRASS

CUPBOARD CATCHES.

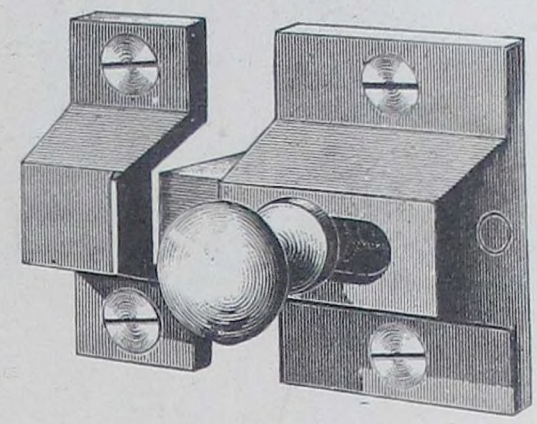
Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Packed, 1 dozen in a paper box, with screws, complete.

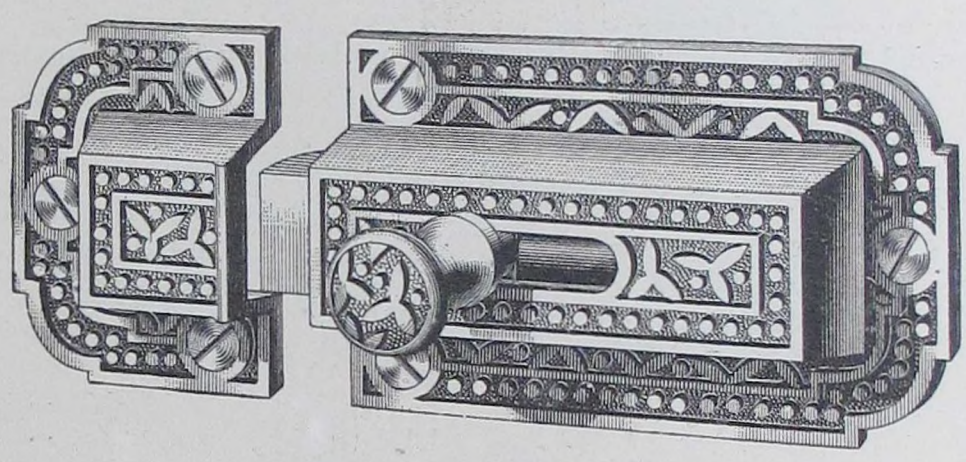
No.	Size.	Style.	Per Dozen.
1082P	1 inch.	Plain Bronze.	
1082R	1 inch.	Ornamental Bronze.	
1084P	2½ inches.	Plain Bronze.	
1084R	2½ inches.	Ornamental Bronze.	
1084 Holly	2½ inches.	Ornamental Bronze.	
1181P	2½ inches.	Plain Bronze.	
1181R	2½ inches.	Ornamental Bronze.	

Nos. 1082R and 1181R have same ornamentation as No. 1084R, shown on opposite page. No. 1084Holly is ornamented as No. 1089Holly, page 457.

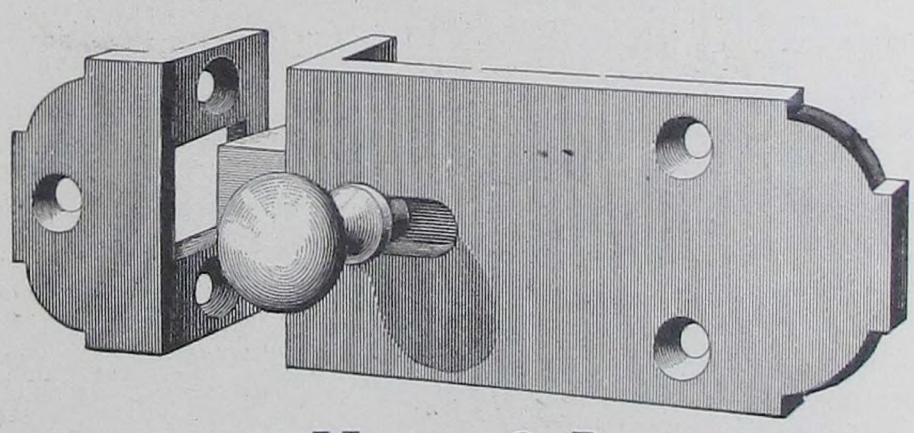
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.



No. 1082P.



No. 1084R.



No. 1181P.

REAL BRONZE OR BRASS CUPBOARD CATCHES.

REAL BRONZE or BRASS

CUPBOARD TURNS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

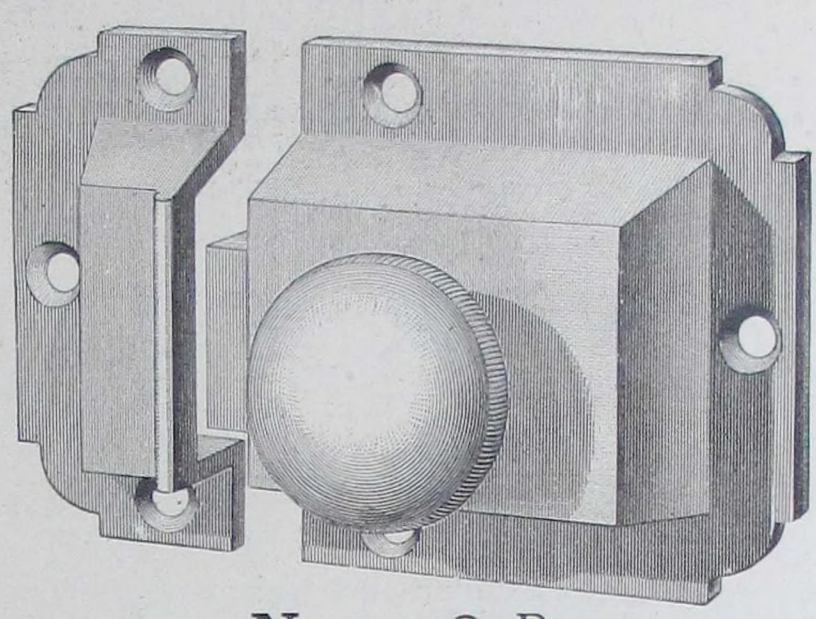
Packed, ½ dozen in a paper box, with screws, complete.

No.	Size.	Style.	Per Dozen.
1089P	2 inches by 2¼ inches.	Plain Bronze.	
1089R	2 inches by 2¼ inches.	Ornamental Bronze.	
1089 Holly	2 inches by 2¼ inches.	Ornamental Bronze.	

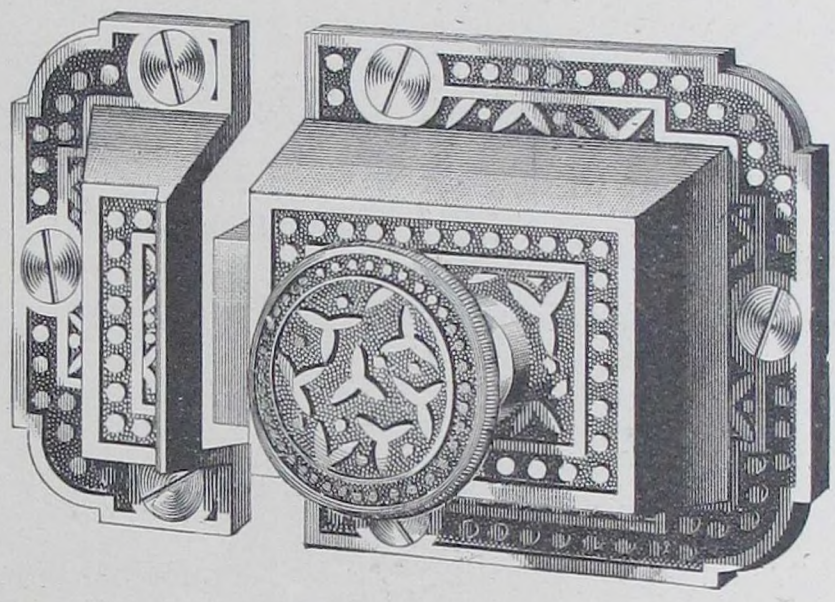
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For Cupboard Buttons, see page 452.

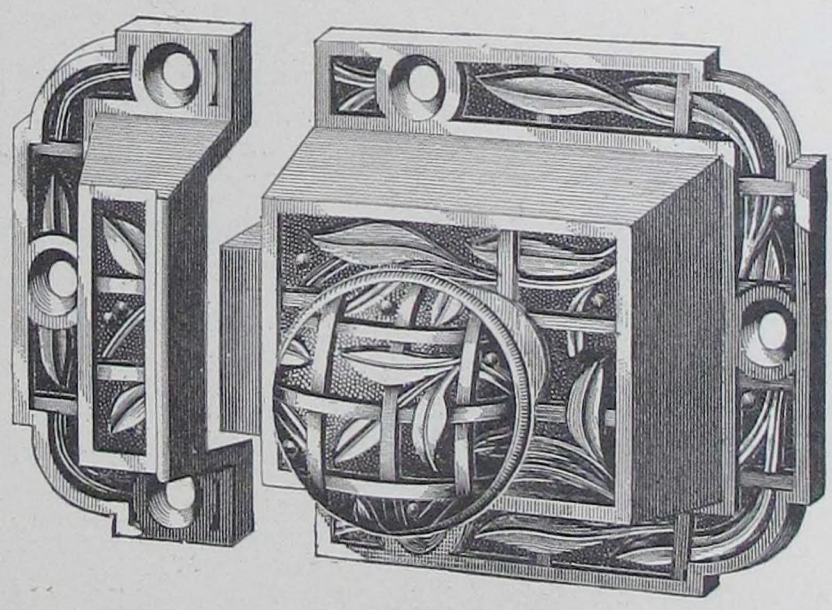
For Cupboard Catches, see pages 454 and 455



No. 1089P.



No. 1089R.



No. 1089HOLLY

REAL BRONZE OR BRASS CUPBOARD TURNS.

REAL BRONZE or BRASS

DRAWER PULLS.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

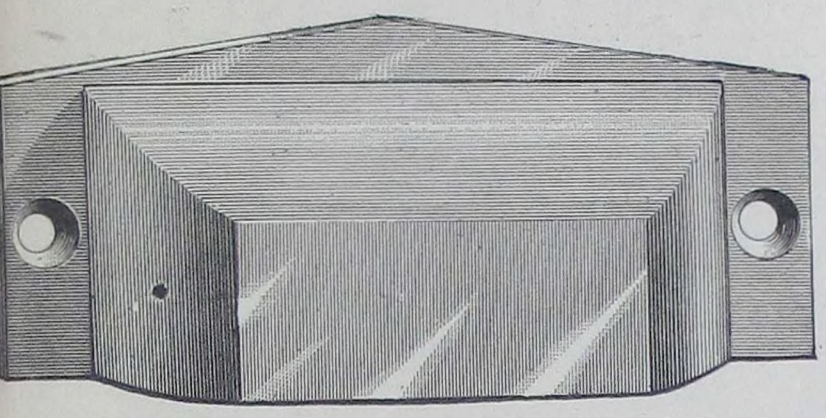
Packed, 1 dozen in a paper box, with screws, complete.

No.	Size of Plate.	Style.	Per Dozen.
1060P	2⅜ inches.	Plain Bronze.	
1061P	2¾ inches.	Plain Bronze.	
1062P	3¼ inches.	Plain Bronze.	
1063P	3¾ inches.	Plain Bronze.	
1061R	2¾ inches.	Ornamental Bronze.	
1062R	3¼ inches.	Ornamental Bronze.	
1063R	3¾ inches.	Ornamental Bronze.	
1061 Holly	2¾ inches.	Ornamental Bronze.	
1062 Holly	3¼ inches.	Ornamental Bronze.	
1063 Holly	3¾ inches.	Ornamental Bronze.	
1060F	2½ inches.	Plain Bronze, Fluted.	
1062F	3½ inches.	Plain Bronze, Fluted.	

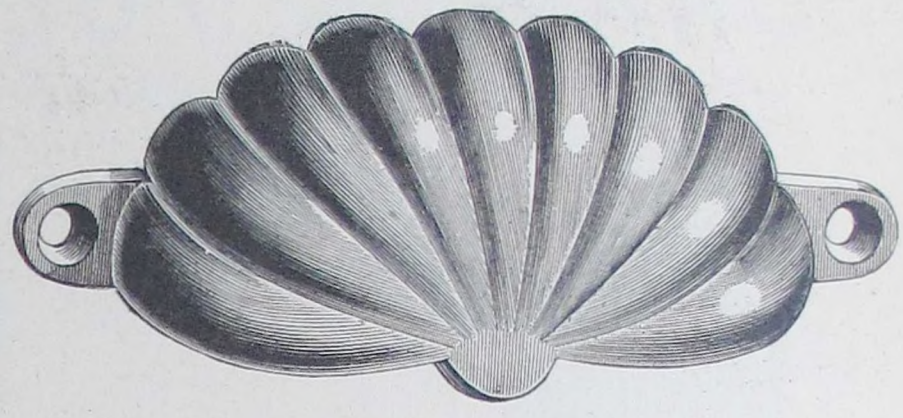
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

For other Drawer Pulls, see page 460.

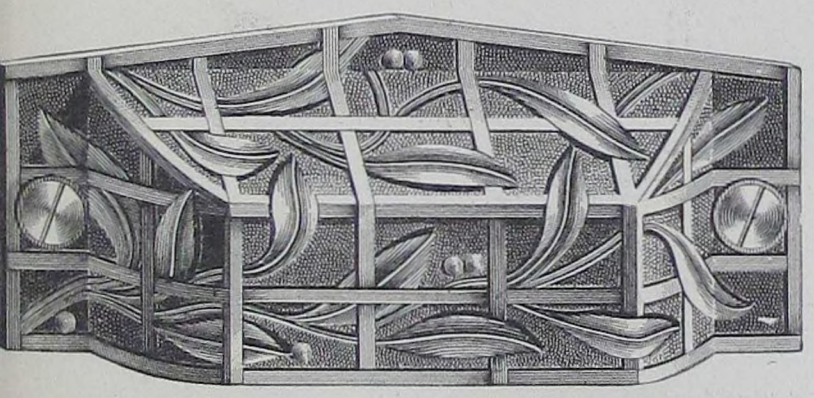
For Wood Drawer Pulls, see page 461.



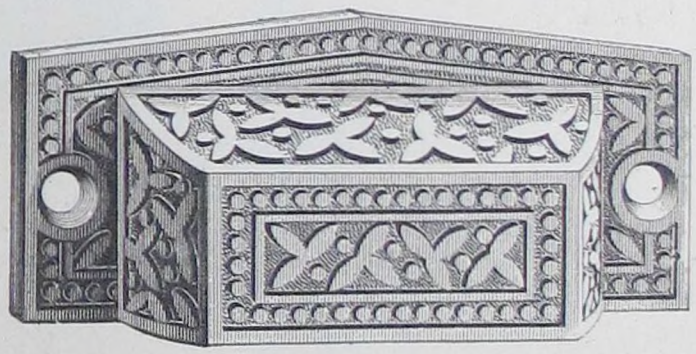
No. 1062P.



No. 1062F.



No. 1062 HOLLY



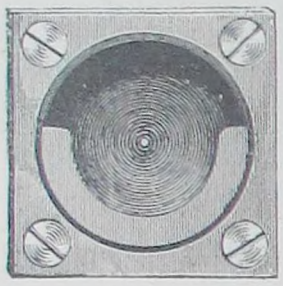
No. 1061R.

REAL BRONZE OR BRASS DRAWER PULLS.

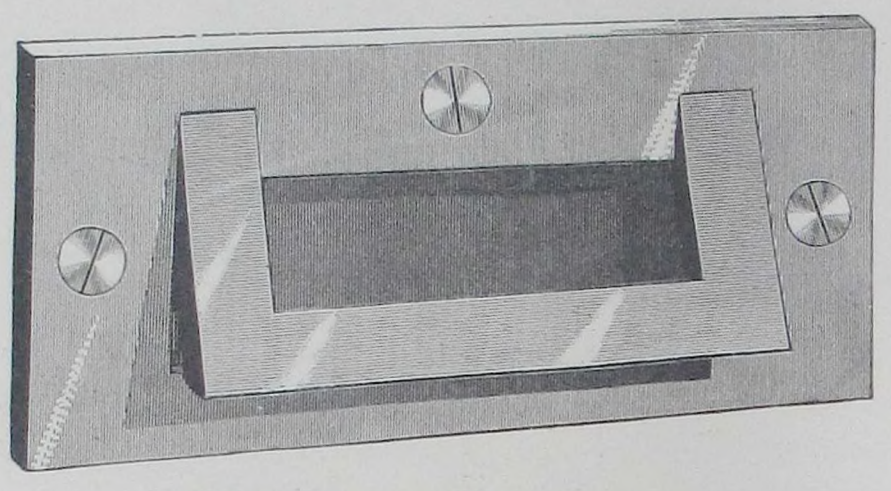
REAL BRONZE or BRASS

FLUSH

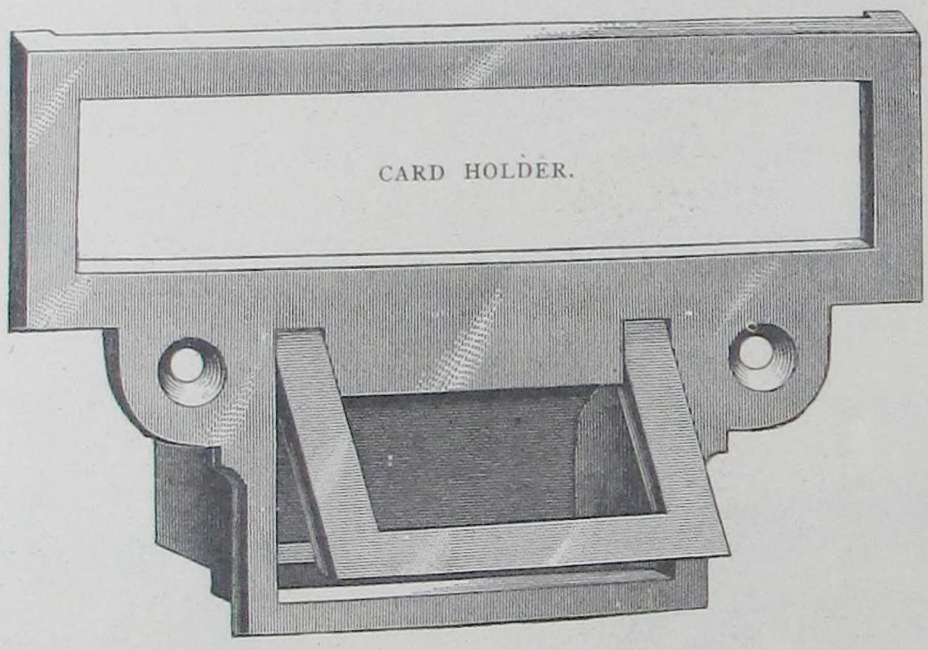
DRAWER PULLS AND RINGS.



No. 1095P.



No. 1090P.



No. 1096P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, 1 dozen in a paper box, with screws, complete.

No.	Size.	Style.	Per Dozen.
1090P	1⅝ inches by 3⅜ inches.	Plain Bronze.	
1090R	1⅝ inches by 3⅜ inches.	Ornamental Bronze.	
1090 Holly	1⅝ inches by 3⅜ inches.	Ornamental Bronze.	
1095P	1 inch by 1 inch.	Plain Bronze.	
1096P	2⅜ inches by 3⅝ inches.	Plain Bronze.	

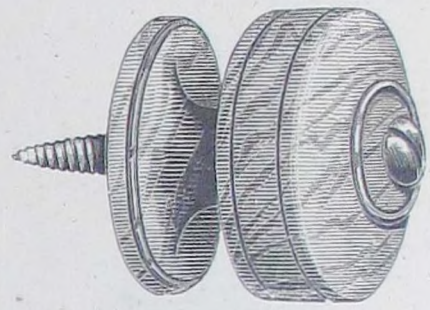
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff** finish, see page 308.

For other Drawer Pulls, see page 459.

For Wood Drawer Pulls, see page 461.

WOOD
DRAWER AND SHUTTER KNOBS,

HAND TURNED AND POLISHED.

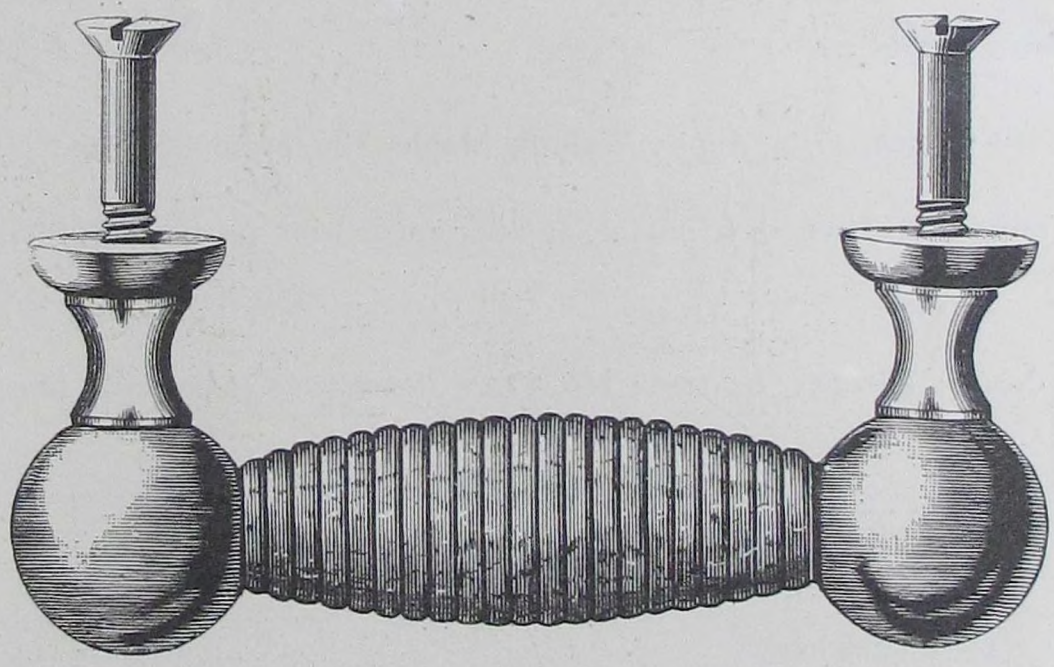


Wood. Made regularly in Ash, Oak, Apple, Walnut, Maple, Cherry and Stained Mahogany, but can be furnished in any kind of wood to match any particular trim, on special order, at slightly increased price.

Packed, 3 dozen in a paper box, with screws, complete.

No.	Size.	Style.	Per Dozen.
120	7/8 inch diameter.	As shown in cut.	
121	1 1/8 inch diameter.	As shown in cut.	
122	1 3/8 inch diameter.	As shown in cut.	
123	1 3/4 inch diameter.	As shown in cut.	

WOOD
DRAWER PULLS.



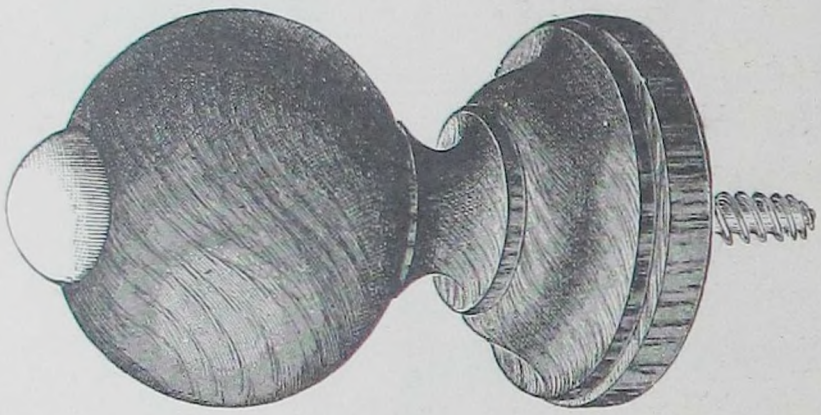
Description. The knobs and shanks are of bronze and the handle of polished wood.
Wood. Made regularly in same woods as specified for Drawer and Shutter Knobs above.
Packed, 1 dozen in a paper box, with screws, complete.

No.	Size.	Per Dozen.
1098	4 inches.	

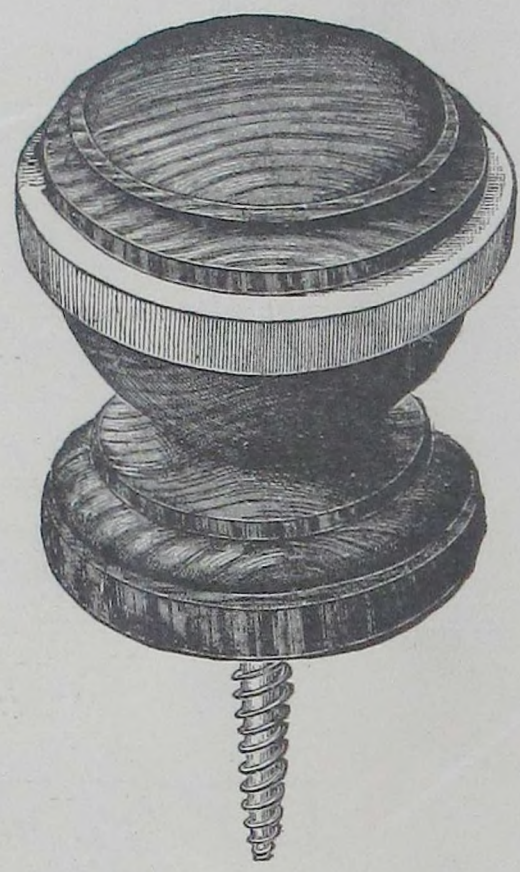
WOOD

DOOR STOPS.

HAND TURNED AND POLISHED.



No. 130.



No. 134.

Wood. Made regularly in Ash, Oak, Apple, Walnut, Maple, Cherry and Stained Mahogany, but can be furnished in any kind of wood, to match any particular trim, on special order, at slightly increased cost.

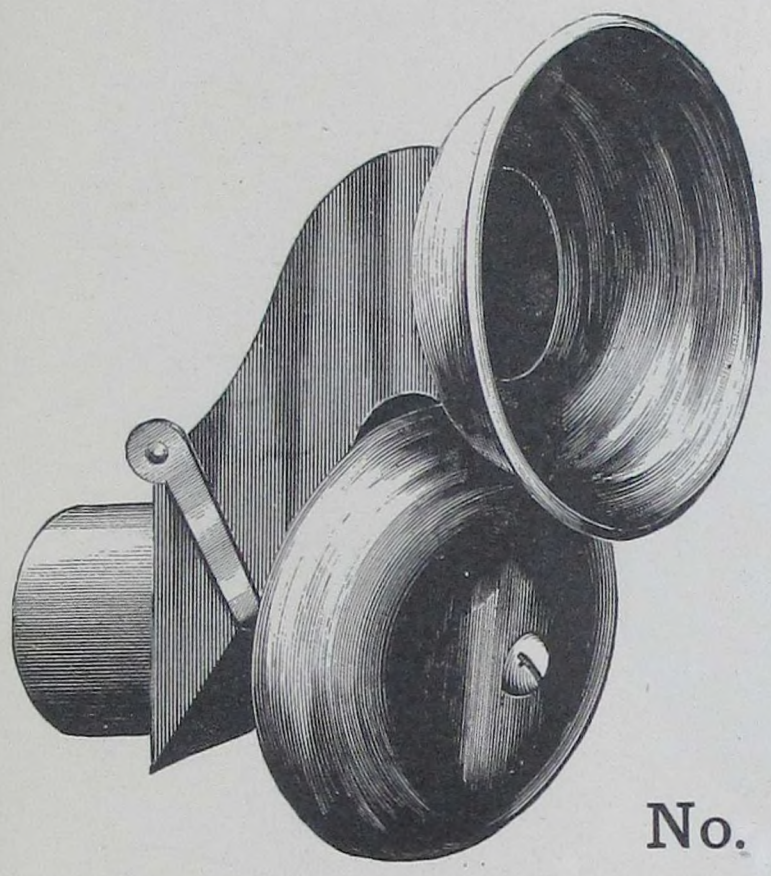
Packed. **No. 130,** 3 dozen ; **No. 131,** 2 dozen ; **No. 134,** 3 dozen, in a paper box, complete.

No.	Size.	For Use.	Per Dozen.
130	2¼ inches long.	For Wall or Base.	
131	3½ inches long.	For Wall or Base.	
134	For Floor.		

BELL ALARM

SPEAKING-TUBE

MOUTH-PIECE.



No. 166.

Finish, see page 14. Furnished in Light Bronze finish, unless otherwise ordered.

Operation. This improvement of speaking-tube mouth-piece consists in using a bell as an alarm in calling attention to the speaking-tube in the apartment wherein oral communication is desired. It is operated by a moderate blow into the mouth-piece, and this creates an alarm similar to an electric bell, which is more pleasant to the ear than the old method of alarming by means of a whistle. This alarm mouth-piece can be attached to tubes already fitted in buildings.

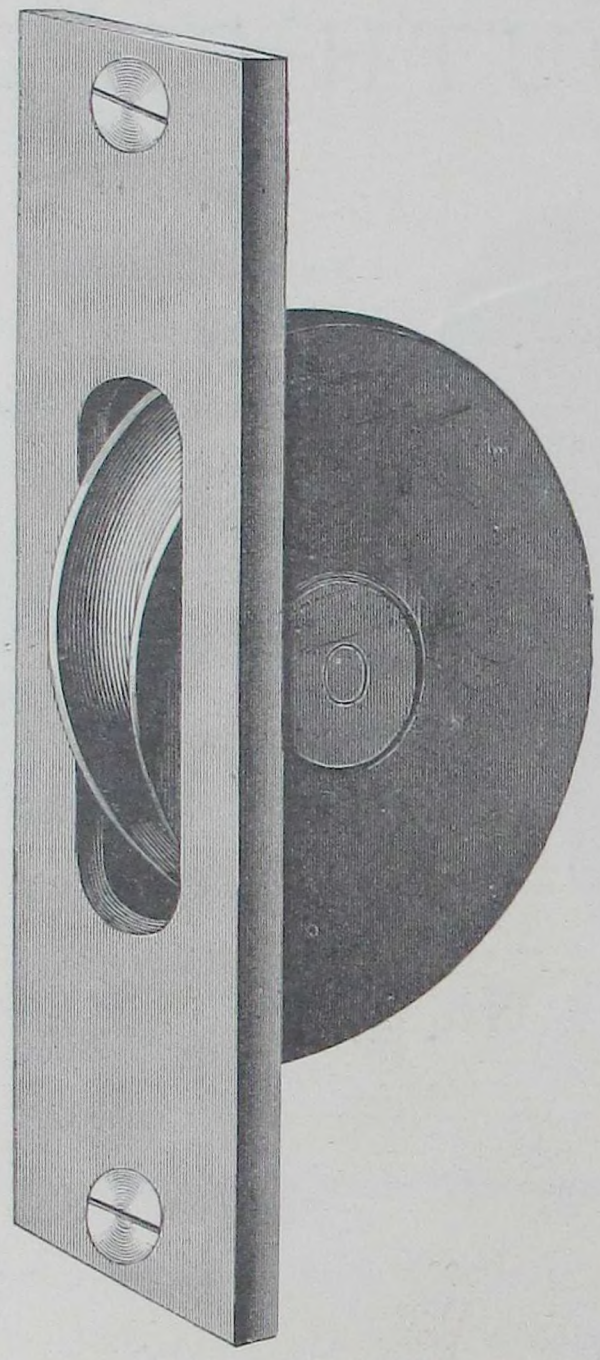
Indicator. The indicator is necessary when there are more than one tube in a room, and designates the proper tube to answer.

Packed, 1 dozen in a paper box, complete.

No.	Indicator.	Style.	Per Dozen.
165	With Indicator.	Plain Bronze Finish.	
166	Without Indicator.	Plain Bronze Finish.	
167	With Indicator.	Nickel-Plated.	
168	Without Indicator.	Nickel-Plated.	

REAL BRONZE or BRASS

SASH PULLEYS.



No. 1391P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, ½ dozen in a paper box, with screws, complete.

No.	Size of Mortise.	Wheel.	Front.	Per Dozen.
1390P	3⅜ inches by 2½ inches.	Iron.	Plain Bronze.	
1391P	3⅜ inches by 2½ inches.	Bronze.	Plain Bronze.	

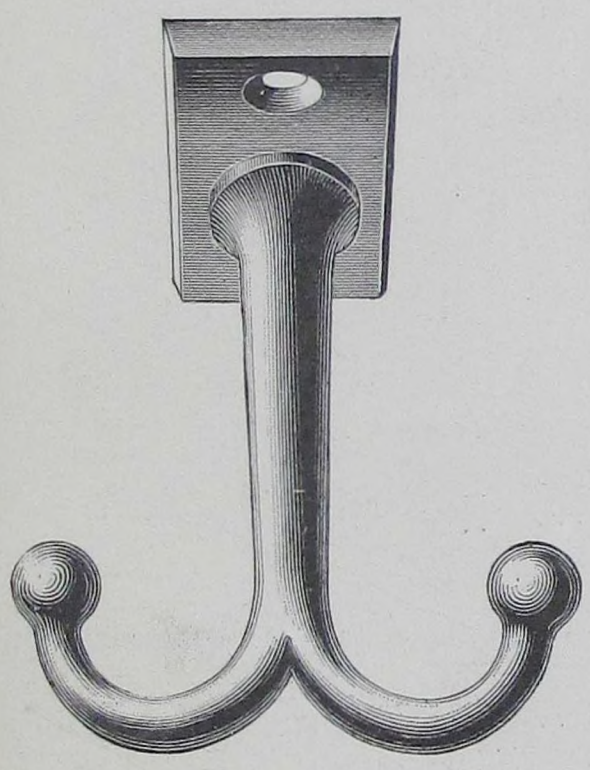
Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

REAL BRONZE or BRASS

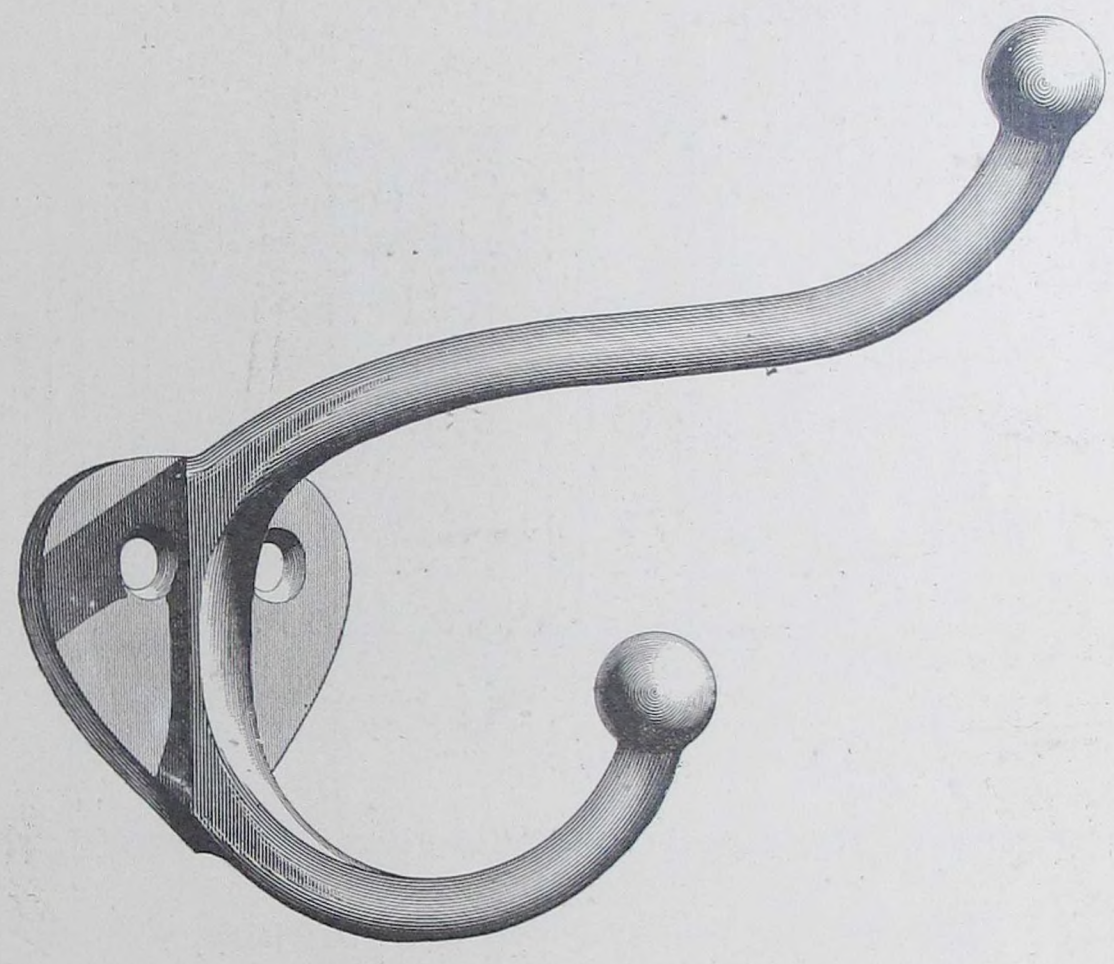
CEILING

AND

COAT AND HAT HOOKS.



No. 1611P.



No. 1601P.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.
Packed, ½ dozen in a paper box, with screws, complete.

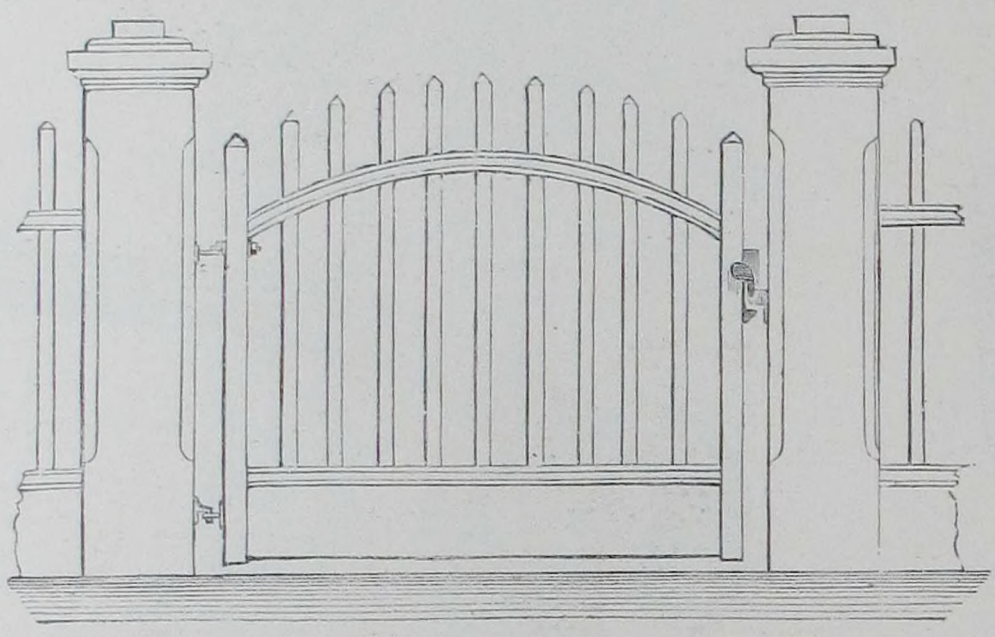
No.	Style.	Per Dozen.
1601P	Plain Bronze.	
1611P	Plain Bronze.	

Also furnished in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

LEEDS'

COMPLETE

GATE FIXTURES.



Arrangement. The above cut represents a gate with the complete fixtures applied to it. The fastener (for illustration of which see following page) is seen upon the front stile of the gate, the lug against which it stops being attached to the gate-post. On the back of the gate are the hinges, the upper one being the old and best arrangement of hook and eye, the hook screwing into the post, so that if the gate sags or is thrown by frost, it may be adjusted by simply screwing this hook in or out as the case may require. The shank of the eye passes through the stile, and is securely held by a nut and washer on the inside.

Advantages. *First*—The arrangement of the pivots in such form, that while the front of the gate is elevated in opening, it is not carried laterally out of perpendicular, so that the motion is more steady, less violent, and yet certain of closing from any point.

Second—The extension of the jaws far around the pivots, effectually guarding against their slipping off.

Third—The placing of the hinge in an inverted position, thus rendering it impossible to lift the gate off its hinges when closed, although it can be readily unhung by partially opening it. By means of this latter arrangement the gate is effectually guarded against being opened in any way by cattle.

As no mortising is required, these fixtures can be easily applied to any gate, while their neat and convenient form, and the readiness with which they can be adjusted, combine to make them the most perfect gate fastening ever made.

The above cut represents the Fastener applied to the stile of a gate. A neat case encloses two "drops" with arms extending on each side.

Operation. Downward pressure on either of the arms raises the other end of the drop and allows the gate to swing open, **always from you.** In closing, the drop against which the gate must stop is **always in position,** so that the gate can never swing past, but immediately locks itself to the fixed catch or lug attached to the post. In this position the "guard" at bottom of Fastener is under the lug, thus rendering **it impossible to lift the gate off its hinges in any way.**

Packed, each set in a paper box, the set consisting of top and bottom hinges, fastener and strike.

Price, complete fixtures, Japanned Iron, - - - - - - - Per Dozen, $

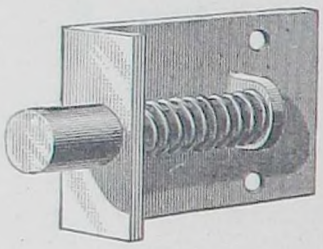
REAL BRONZE or BRASS

PATENT

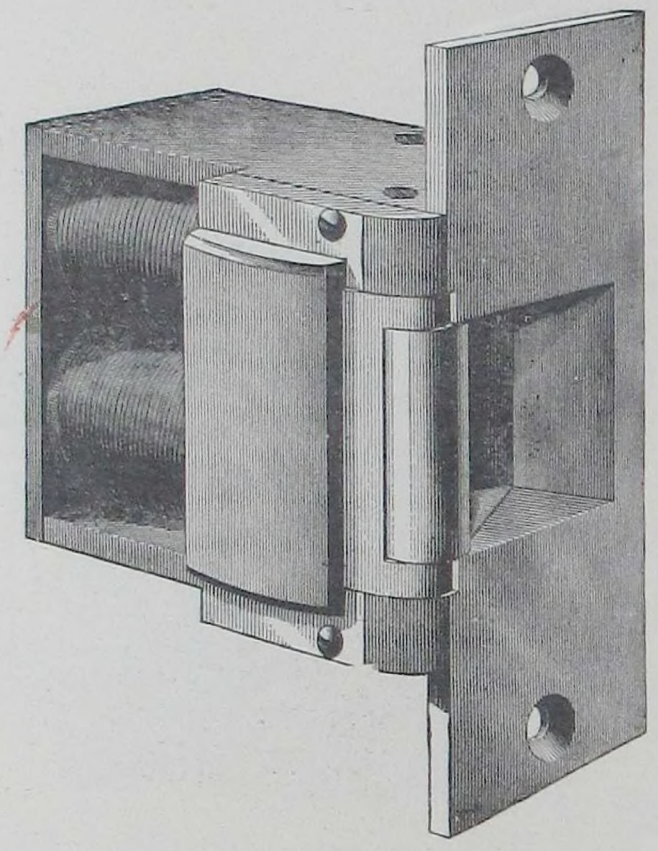
RIM and MORTISE

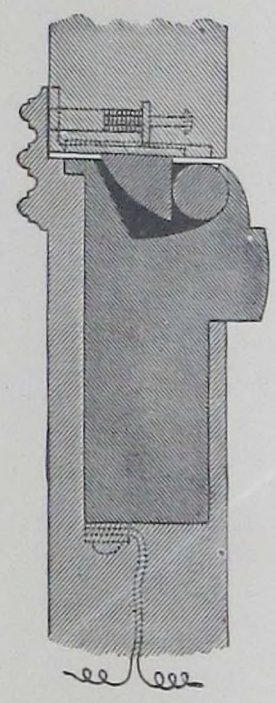
ELECTRIC DOOR OPENERS.

Simple in Construction, Positive in Operation, and very Compact.



PUSH SPRING.





Section showing Application.

Finish, see pages 14 and 308. Furnished in Natural Color, Light Bronze, unless otherwise ordered.

Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed, each opener in a paper box, with a push spring, two sets contact plates to be used with double doors, and screws, complete. **Sizes,** as below.

Designating Letter.	Character.	Style.	SIZE OF CASE.			Size of Striking Roller.	Each.
			High.	Wide.	Thick.		
A	Mortise.	Plain Bronze	2¼ ins.	2⅝ ins.	1 inch.	1⅛ ins. wide	
B	Rim.	Plain Bronze	2¼ ins.	2⅝ ins.	1 inch.	1⅛ ins. wide	
C	Mortise.	Plain Bronze	2¼ ins.	2⅞ ins.	1 inch.	1½ ins. wide	
D	Rim.	Plain Bronze	2¼ ins.	2⅞ ins.	1 inch.	1½ ins. wide	
E	Mortise.	Plain Bronze	2 ins.	2¼ ins.	⅞ inch.	1 ins. wide	
F	Rim.	Plain Bronze	2 ins.	2¼ ins.	⅞ inch.	1 ins. wide	
G	Mortise.	Plain Bronze	3¼ ins.	3½ ins.	1¾ inch.	1½ ins. wide	

Furnished also in Brass, if so ordered, at same prices. For same goods in **Rustless Iron, Bower-Barff finish,** see page 308.

FOR
GENERAL INDEX,
See Page 5.

PRISON LOCKS
AND
EQUIPMENTS.

INDEX OF PRISON LOCKS.

YALE.

JAMB PRISON LOCK, No. 1, - Pages 470 to 473
RIM CELL LOCK, No. 2, - - " 474 and 475
RIM CORRIDOR LOCK, No. 3, - " 476 and 477
RIM CELL LOCK, No. 4, - - " 478 and 479
STRAP PRISON LOCK, No. 5, - " 480 and 481

STANDARD.

JAMB HASP LOCK, No. 1001, - " 482 and 483
RIM CELL LOCK, No. 1003, - - " 484 and 485

STANDARD. (Continued.)

RIM CYLINDRICAL CELL LOCK, No. 1005, - Pages 486 and 487
RIM PRISON LOCK, No. 1007, - " 488 and 489
MORTISE PRISON LOCK, No. 1009, " 490 and 491
RIM CELL LOCK, No. 1013, - " 492 and 493
RIM PRISON LOCK, No. 1015, - " 494 and 495
SPECIALTIES, - - - - " 496

PRISON LOCK KEYS, PAGE 305.

YALE

JAMB PRISON LOCK,

WITH SPRING BOLT.

No. 1.

WITH FLAT STEEL KEYS.

For Use where it is desired to combine the security of a dead lock with the convenience of a spring lock, on cells with walls of iron as well as of brick and stone.

Operated by flat key No. 90 (shown on page 305) from **outside only.** The bolt acts as a spring latch, and is self-locking when the door is closed. It can afterwards, at convenience, be **dead locked** by means of the key. It can only be unlocked by the key.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed. Unless otherwise ordered 2 No. 90 keys will be packed with each lock, except when sets of locks are ordered alike, in which case number of keys wanted should be specified, as explained below.

Material. Lock Case or Wall Box, of Cast Iron. **Bolt,** Case-hardened Steel. **Working Parts,** Bronze.

Case, 8 inches wide, 2½ inches thick. Length depending upon the thickness of the wall. Made of any size to order.

PRICE.

No. 1 Jamb Lock, (without keys,)	- - - - - - - - -	Each, $
Extra for keys,	- - - - - - - - -	"

For modified form of No. 1 Lock, see pages 472 and 473. Prices on application.

Discount. Subject to quantity discount on orders for twenty locks and upwards.

Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

DIRECTIONS FOR ORDERING.

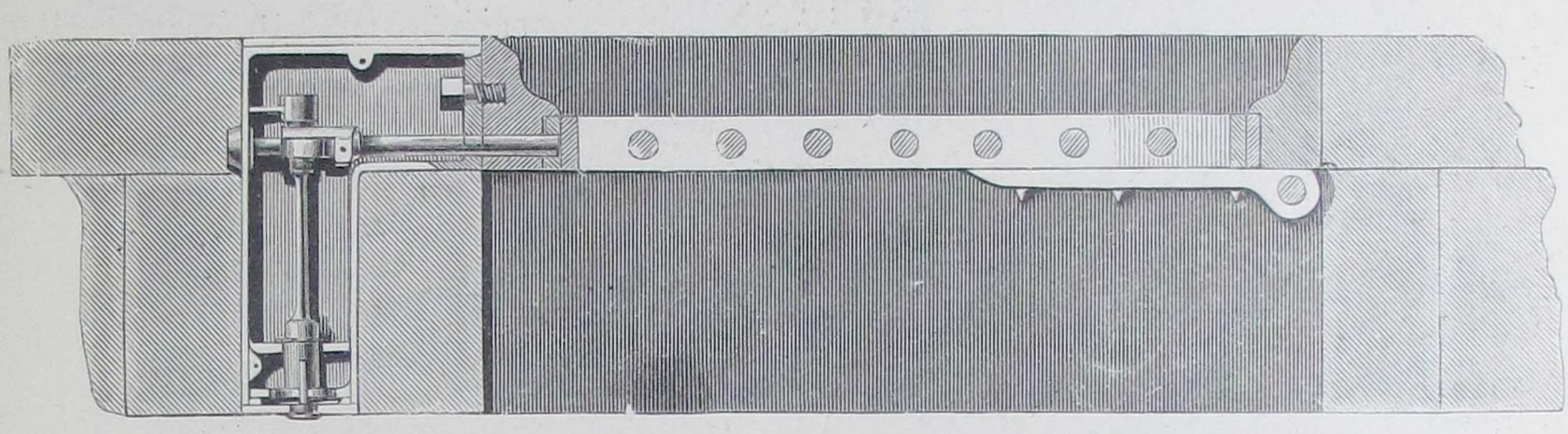
Hand. State whether locks are for **Right Hand** or **Left Hand** doors. See page 16.

Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, and also how many keys are wanted. The arrangement by groups has been found most convenient, locks of cells in each corridor being set up alike.

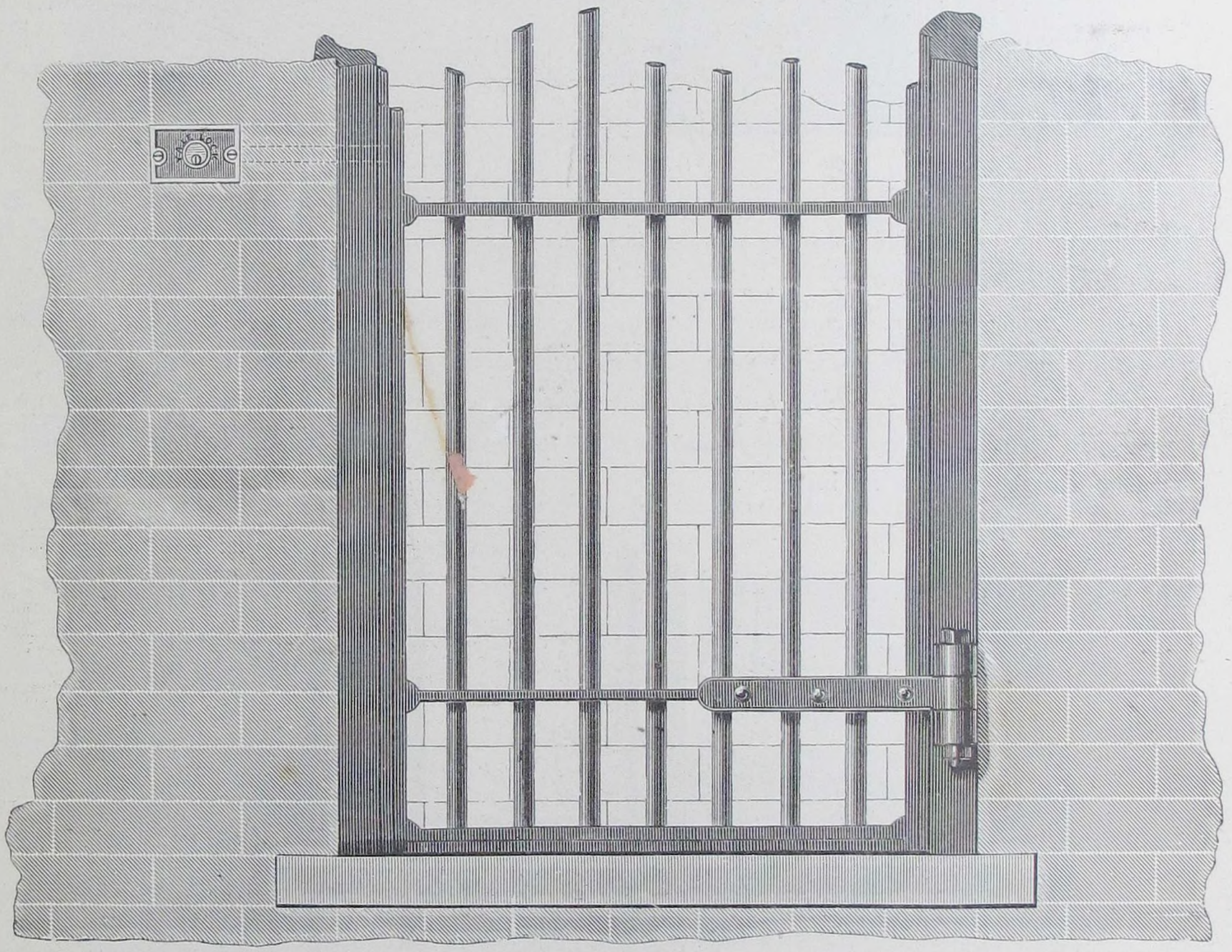
Fitting. With order send accurate drawing, to scale, showing horizontal section of the gate and its jamb, and of the adjoining wall, as in upper part of the cut on opposite page.

Length of Bolt. If special length of bolt is required, state how much the bolt shall stand out from face of lock, when unlocked. If not otherwise ordered, bolt will be made to stand flush with case, when unlocked.

For Padlocks, see pages 285 to 293. **For Yale Duplex locks,** see pages 159 to 179.



CROSS SECTION AT LEVEL OF LOCK.



FRONT ELEVATION.

YALE JAMB PRISON LOCK, No. 1.

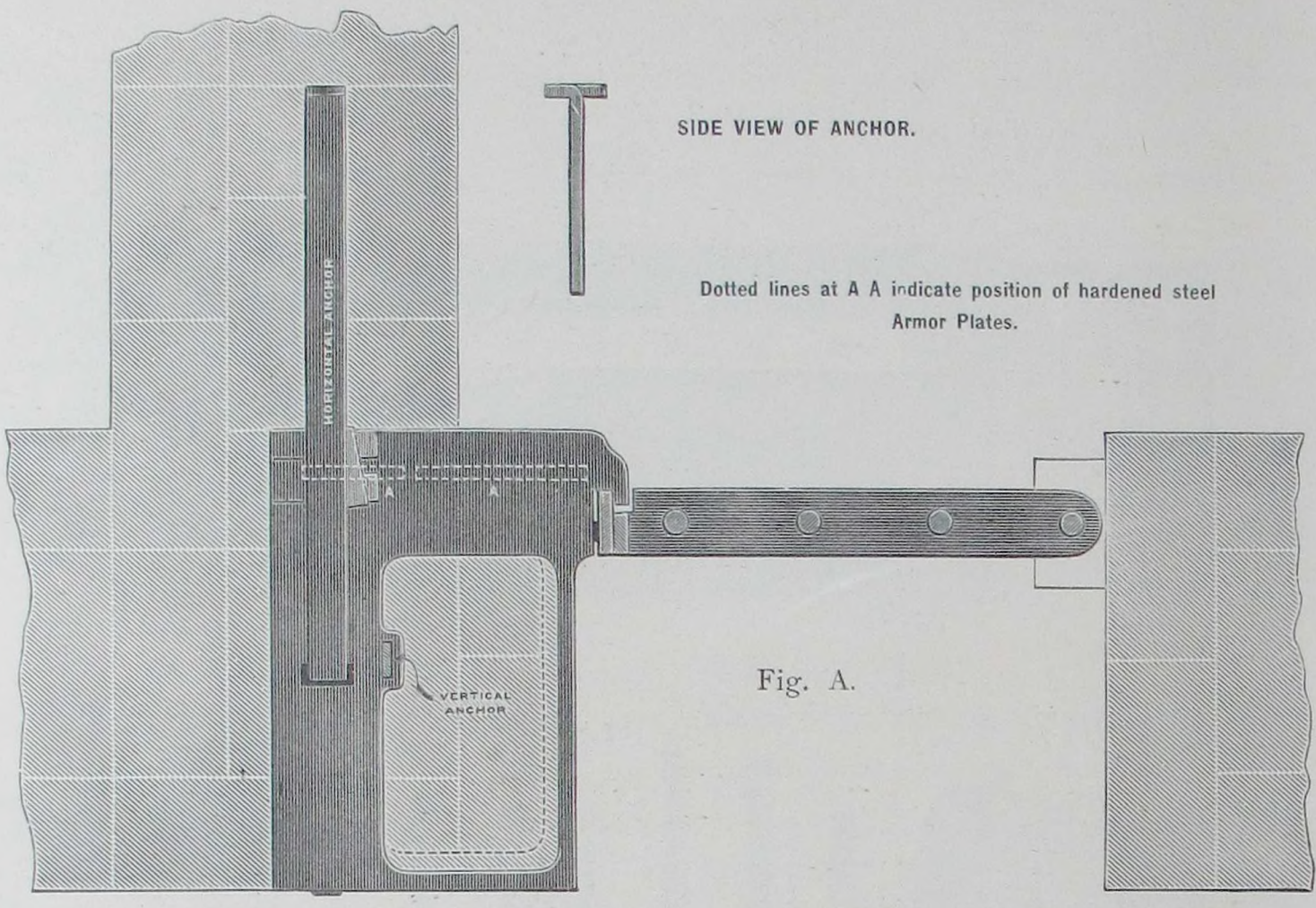


Fig. A.

The illustrations on this page show various modifications in the form of the case of the No. 1 lock. The construction of the locking mechanism is not altered by the shape of the case, which is made to conform to the different styles of masonry.

In illustrations A and B, where the wall is heavy, that part of the case which encloses the locking mechanism is made L-shaped, and a skeleton frame is carried around connecting the two ends of the case, the purpose of the frame being to enclose and protect the masonry, which otherwise might be chipped away from the case. This frame may be made of any form, as for instance, with rounded or beveled corners to correspond with the shape of the masonry.

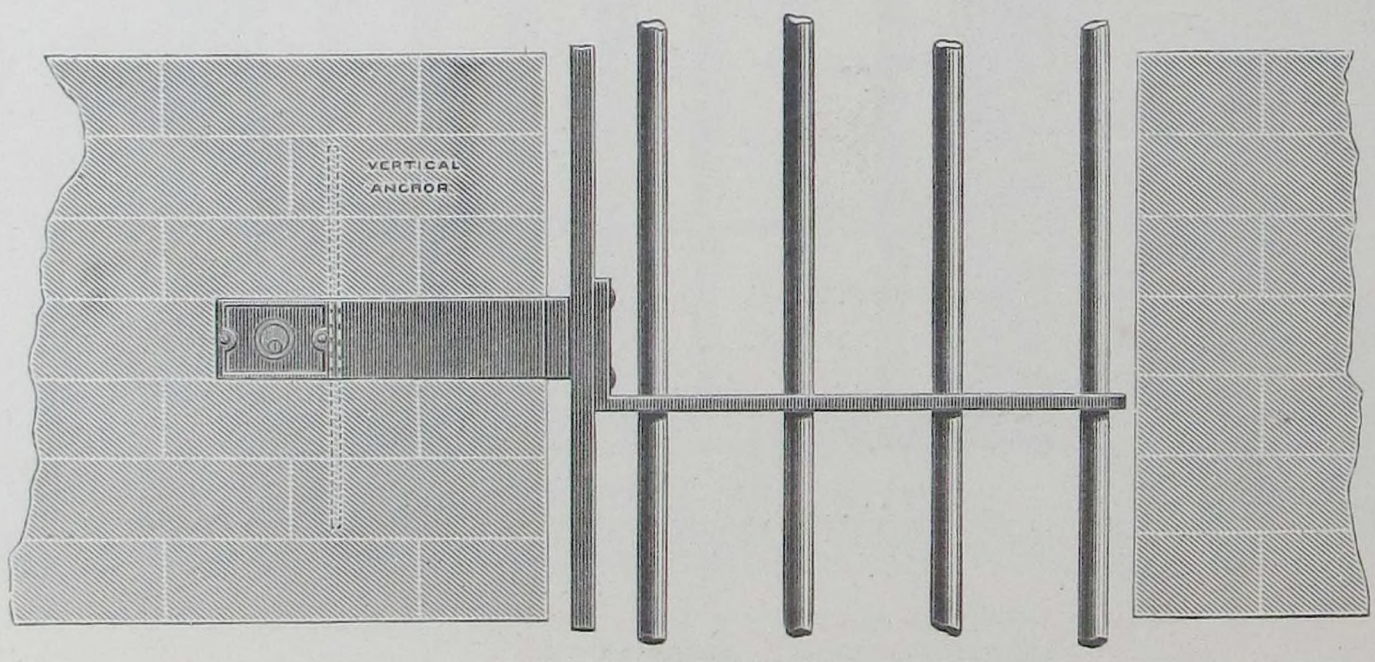


Fig. B.

For description and prices of No. 1 Lock, see page 470, and for illustration, page 471.

The height of the frame and case in Fig. A may be either one or two bricks, as preferred. The case is provided with a lip which acts as a stop to the door, and behind which the frame of the door shuts, so that it cannot be sprung away from the case so as to release the bolt. The locking mechanism is protected from attack by drilling by means of hardened steel plates, shown by the dotted lines. The lock case is firmly secured to the masonry by means of both horizontal and vertical anchors. This particular form of lock is sufficiently secure against displacement by the use of vertical anchors only, although, as the expense is slight, we would advise the use of both. These anchors are not included in our prices for the locks, as they are usually furnished by the masonry contractors, but we will quote prices on them if desired. These illustrations do not show the locking mechanism, but it is precisely as shown on page 471.

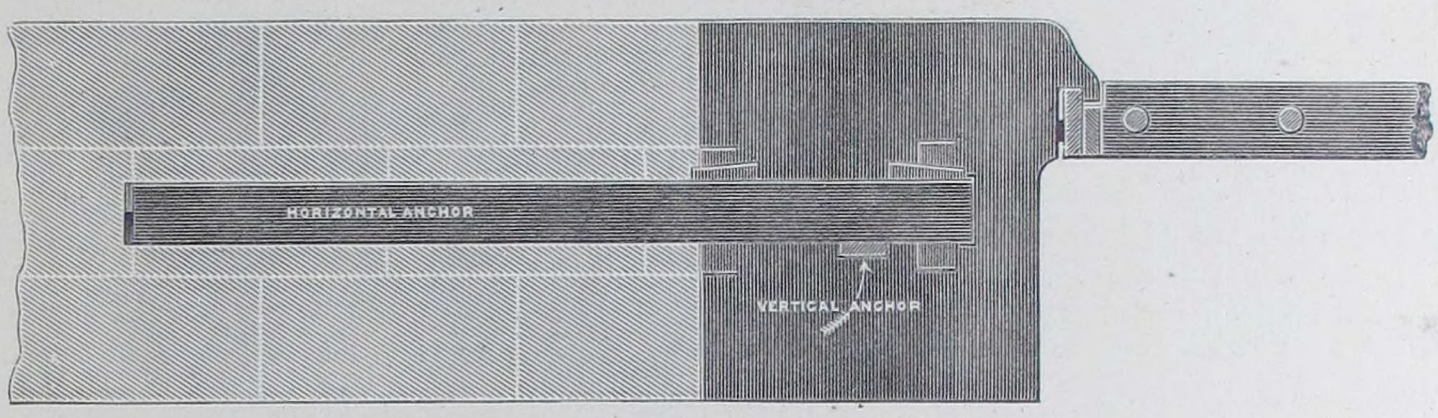


Fig. C.

In illustrations C and D the construction of the wall is such that it is not thought necessary to make the lock case with a skeleton frame, but the lock case itself is brought out to the outside of the wall and simply replaces so many bricks or so much masonry. The cases are firmly anchored by vertical and horizontal anchors, as shown in the illustrations. The form of case shown in illustration C, which extends quite through the wall, is better than that shown in D, because the masonry behind the lock in D is too thin. In illustration C the case of the lock is so constructed as to form a stop for the door, and also a lip to prevent the door being sprung away from the case.

In illustration D the jamb is built separate from the lock and the case is bolted to it.

These locks are also furnished with steel plates for protecting the inner mechanism of the lock against drilling, and, as before stated, the mechanism of the locks is the same.

The bolt may be either a dead bolt, or, as it is usually constructed, it shuts with a spring, and is then dead-locked with a key afterwards. If desired the locks can be made so that the bolts can be thrown and dead-locked with a knob, but cannot be unlocked except by the key.

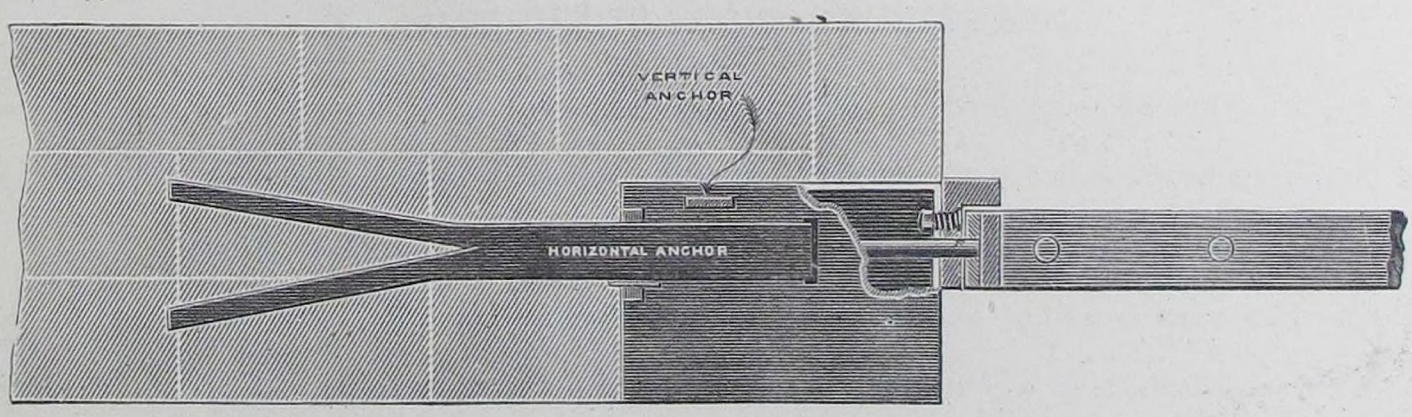


Fig. D.

For description and prices of No. 1 Lock, see page 470, and for illustration, page 471.

YALE

RIM CELL LOCK,

No. 2.

WITH FLAT STEEL KEYS.

For Use upon either solid or grated doors of Cells, where a medium size secure dead lock is required.

Adjustable to doors up to 5/8 inch thick. Can be furnished for doors up to 1 inch thick, when so ordered.

Operated by flat key No. 90 (shown on page 305) from **one side only.**

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed. Unless otherwise ordered 2 No. 90 keys will be packed with each lock, except when sets of locks are ordered alike, in which case number of keys wanted should be specified in order.

Materials. Case, Heavy, of Cast Iron. **Bolt** and **Working Parts,** of Bronze.

Heavy Bronze Bolt, **Case,** 3 5/8 ins, by 3 7/8 ins. by 2 1/4 ins.

PRICE.

No. 2 Rim Cell Lock, (without keys), - - - - - - - - - Each, $

Extra for keys, - - - - - - - - - "

Discount. Subject to quantity discount on orders for twenty locks and upwards.

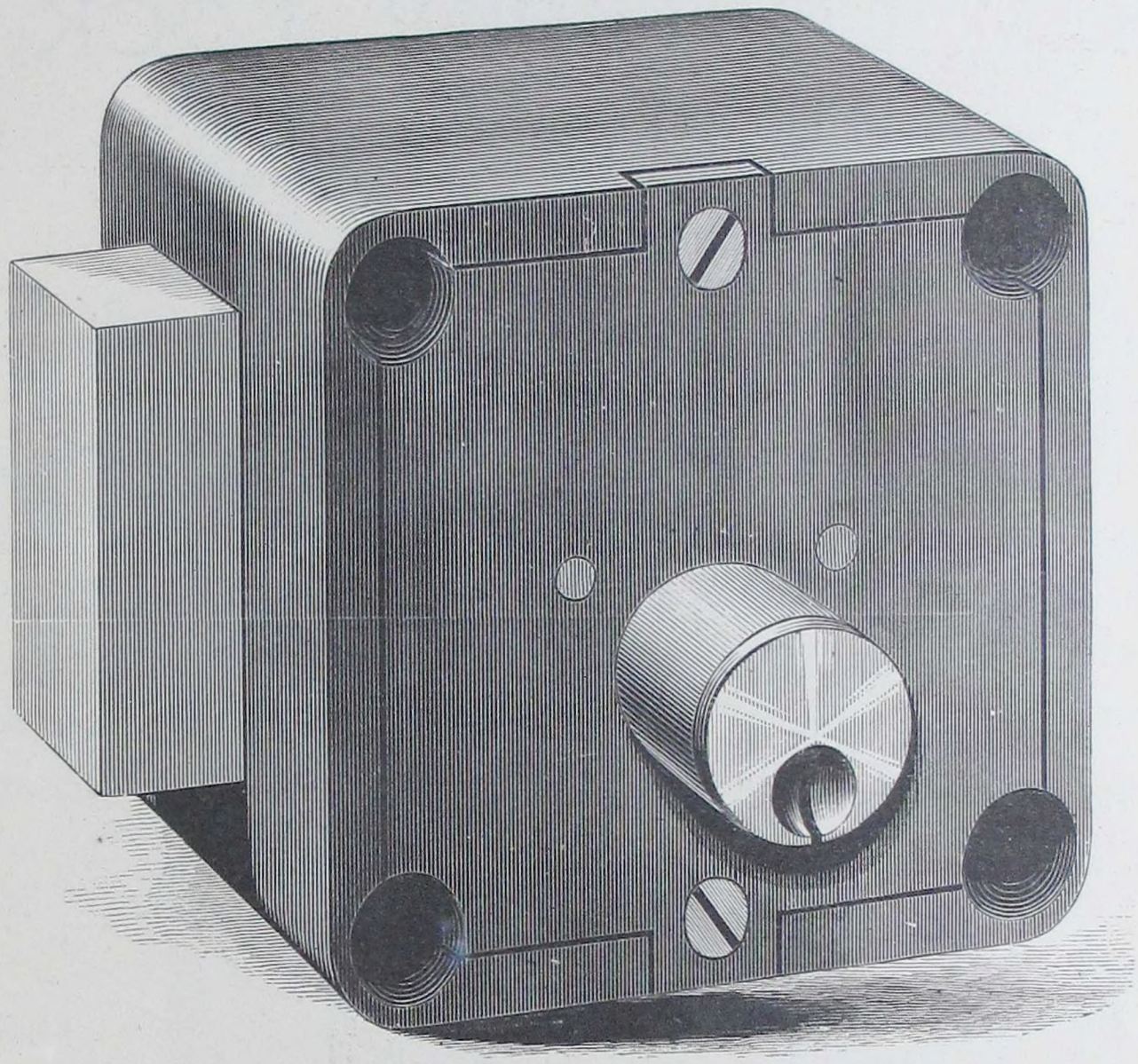
Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

DIRECTIONS FOR ORDERING.

Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, and also how many keys are wanted. The arrangement by groups has been found most convenient, locks of cells in each corridor being set up alike.

Length of Bolt. If special length of bolt is required, state how much the bolt shall stand out from face of lock, when unlocked, also whether the lock is intended for right or left hand door, see page 16. If not otherwise ordered, bolt will be made to stand flush with case, when unlocked.

For Padlocks, see pages 285 to 293. **For Yale Duplex locks,** see pages 159 to 179.



Distance from face of lock to center of Key-hole, 1 7/8 inches

Thickness of Case, 2 1/4 inches.

YALE RIM CELL LOCK, No. 2.

[FULL SIZE.]

YALE

RIM CORRIDOR LOCK,

No. 3.

WITH FLAT STEEL KEYS.

For Use on either solid or grated Corridor or other communicating doors, whch it is desired to pass from either side by means of the key.

Adjustable to doors up to 5/8 inch thick. Can be furnished for doors up to 1 inch thick, when so ordered.

Operated by flat key No. 90 (shown on page 305) from **either side of the door.**

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed. Unless otherwise ordered 2 No. 90 keys will be packed with each lock, except when sets of locks are ordered alike, in which case number of keys wanted should be specified, us explained below.

Materials. Case, Heavy, of Cast Iron. **Bolt** and **Working Parts,** of Bronze.

Heavy Bronze Bolt. **Case,** 6 ins. by 4 ins. by 2 3/8 ins.

PRICE.

No. 3 Rim Corridor Lock, (without keys), - - - - - - - - Each, $

Extra for keys, - - - - - - - "

Discount. Subject to quantity discount on orders for twenty locks and upwards.

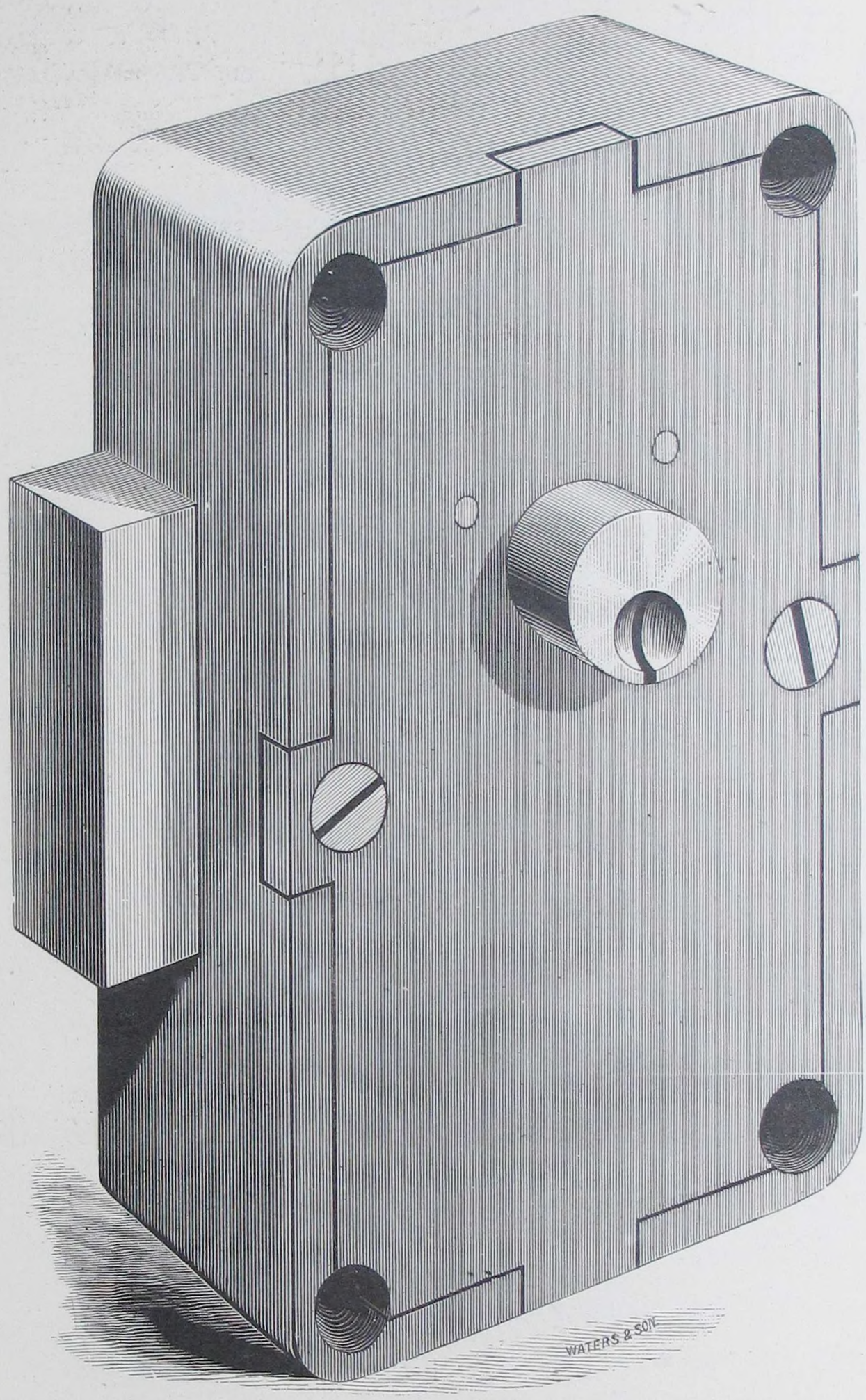
Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

DIRECTIONS FOR ORDERING.

Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, and also how many keys are wanted.

Length of Bolt. If special length of bolt is required, state how much the bolt shall stand out from face of lock when unlocked, and also whether the lock is intended for a right hand or left hand door, see page 16. If not otherwise ordered, bolt will be made to stand flush with case, when unlocked.

For Padlocks, see pages 285 to 293. **For Yale Duplex locks,** see pages 159 to 179.



Distance from face of lock to center of Key-holes, 2 inches.
Thickness of Case, 2⅜ inches.

YALE RIM CORRIDOR LOCK, No. 3.

[FULL SIZE.]

YALE

RIM CELL LOCK,

WITH SPRING BOLTS,

No. 4.

WITH FLAT STEEL KEYS.

For Use on Cell doors, where it is desired to combine the security of a dead-lock with the convenience of a spring-lock. Adapted for either solid or grated doors.

Operated by flat key No. 90 (shown on page 305) from **outside only.** The bolts, which are coupled together, act as a spring latch, and are self-locking when the door is closed. They can afterwards, at convenience, be **dead-locked** by means of the key. They can only be unlocked by means of the key.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed. Unless otherwise ordered 2 No. 90 keys will be packed with each lock, except when sets of locks are ordered alike, in which case number of keys wanted should be specified, as explained below.

Heavy Steel Bolts, Case-hardened. **Case,** 6 ins. by 6 ins. by 2¼ ins.

PRICE.

No. 4 Rim Cell Lock, (without keys), - - - - - - - - - Each, $

Extra for Keys, - - - - - - - - "

Discount. Subject to quantity discount on orders for twenty locks and upwards.

Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

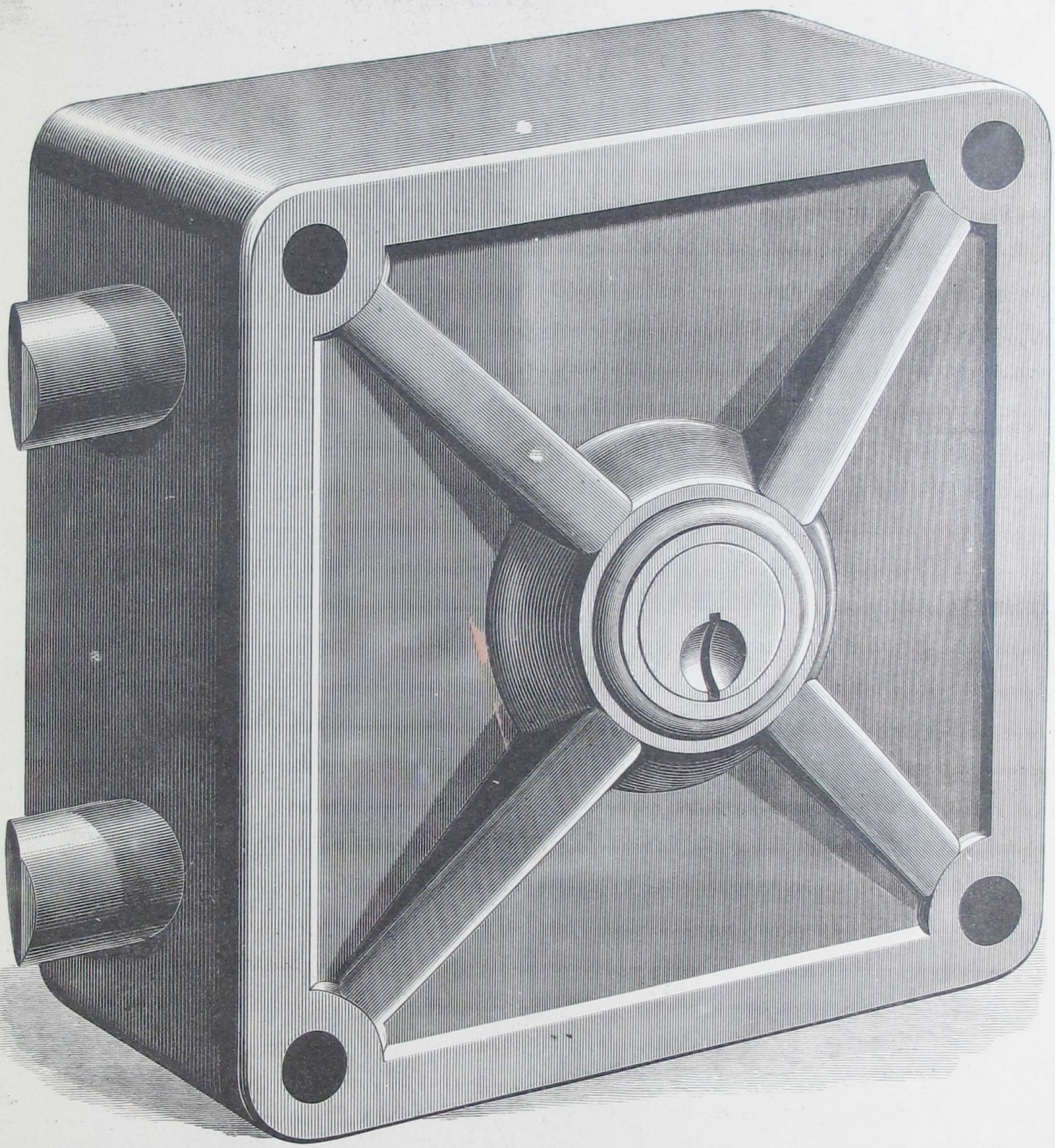
DIRECTIONS FOR ORDERING.

Hand. State whether the locks are for **Right** or **Left Hand** doors. See page 16.

Length of Bolt. If special length of bolt is required, state how much the bolt shall stand out from the face of lock, when unlocked. If not otherwise ordered, bolt will be made to stand flush with case, when unlocked.

Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, also how many keys are wanted. The arrangement of groups has been found most convenient, locks of cells in each corridor being set up alike.

For Padlocks, see pages 285 to 293. **For Yale Duplex locks,** see pages 159 to 179.



Distance from face of lock to center of Key-hole, 3 inches.

Thickness of Case, 2¼ inches.

YALE RIM CELL LOCK, No. 4, (Right Hand.)

[FULL SIZE.]

YALE

STRAP PRISON LOCK,

WITH SPRING BOLT.

No. 5.

WITH FLAT STEEL KEYS.

For Use on Cell doors, where it is desired to combine the security of a dead lock with the convenience of a spring lock.

Operated by flat key No. 90 (shown on page 305) from **outside only.** The lock is intended to be attached to one end of an iron strap, the other end of which is secured to the cell door or gate. When the door is swung to, the strap passes over a staple set in the wall, and the lock-bolt automatically shoots through the eye of the staple and secures the door.

The same lock can be used to fasten the doors of two adjoining cells, the straps of both doors passing over the same staple, the lock being attached to the outer strap.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed. Unless otherwise ordered, 2 No. 90 keys will be packed with each lock, except when sets of locks are ordered alike, in which case number of keys wanted should be specified, as explained below.

Materials. Lock Case, of Malleable Iron. **Bolt,** of Bronze. **Case,** 7 ins. by 3 ins. by 2 ins.

PRICE.

No. 5 Prison Lock, (not including strap or staple, and without keys), - Each, $

Extra for keys, - - - - - - - - "

Discount. Subject to quantity discount on orders for twenty locks and upwards.

Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

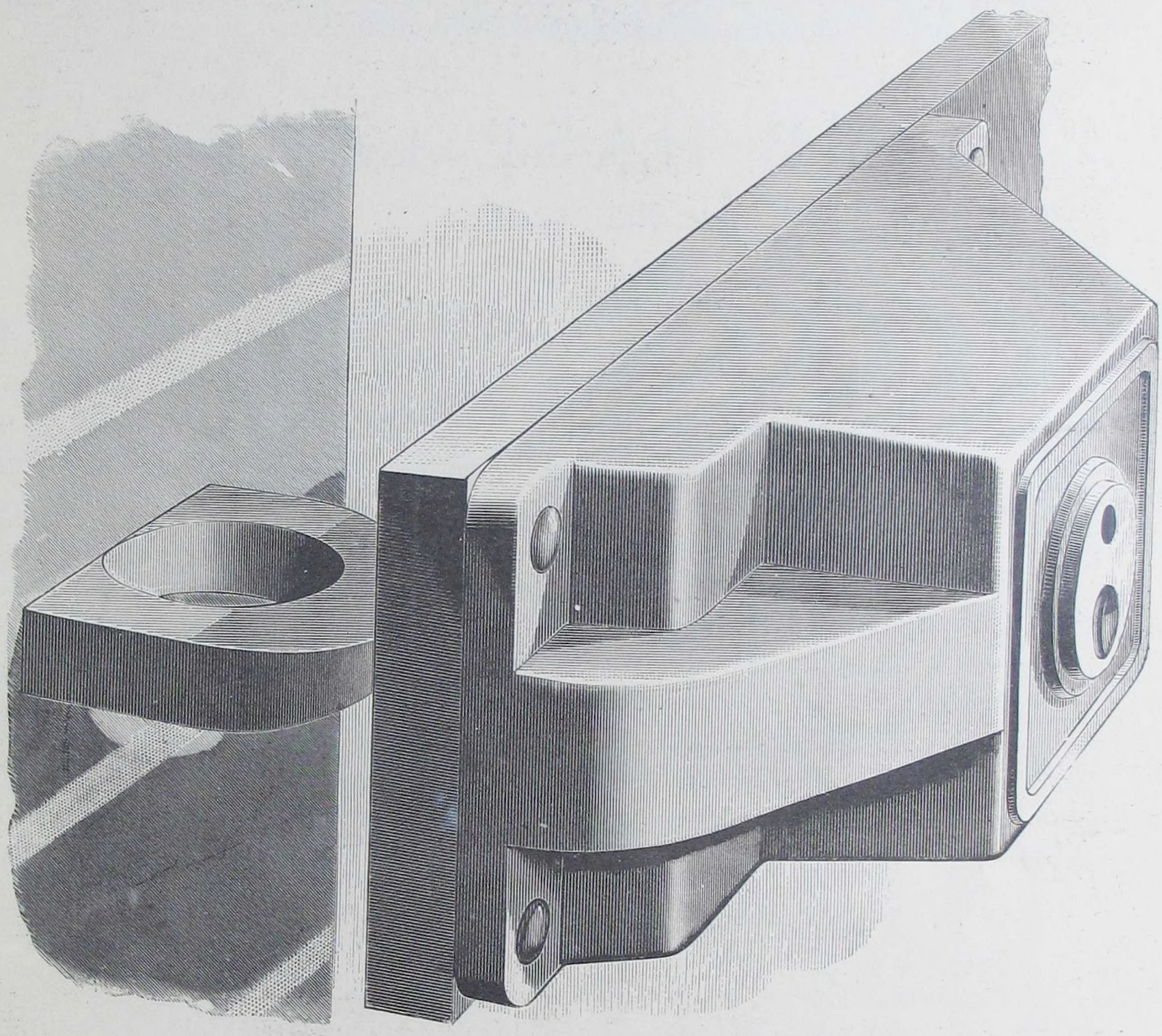
DIRECTIONS FOR ORDERING.

Hand. State whether the locks are for **Right Hand** or **Left Hand** doors. See page 16.

Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, and also how many keys are wanted. The arrangement of groups has been found most convenient, locks of cells in each corridor being set up alike.

Staple and **Strap** can be furnished at a reasonable cost. Orders for them should be accompanied by an accurate drawing, to scale, showing horizontal section of door jamb on both sides, and of the door or gate.

For Padlocks, see pages 285 to 293. **For Yale Duplex locks,** see pages 159 to 179.



Distance from end of lock to center of Key-hole, 4 inches.

Thickness of Case, 2 inches.

YALE STRAP PRISON LOCK, (Right Hand,) No. 5.

[FULL SIZE.]

STANDARD

SELF-LOCKING

JAMB HASP LOCK,

No. 1001.

WITH NICKEL-PLATED HEAVY STEEL KEYS.

For Use on Cell doors or gates.

Operated by keys Nos. 91, 92 or 93, (shown on page 305). By swinging the lock against the staple projecting from the front of the wall-plate, the spring-bolt immediately shoots and is dead-locked. The unlocking is done by a half turn of the key.

Arranged, as shown on opposite page, the lock being attached to one end of a double-hinged strap, the other end of which is secured to frame of the door, a pin on the inside of the strap engaging with a socket in wall-plate and receiving any pressure tending to force open the door, so that no strain can be brought to bear on the lock. The wall-plate is to be built into the masonry and well anchored.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed. Unless otherwise ordered, No. 92 keys will be packed with this lock. If either of the other keys shown on page 305 should be preferred, it should be so stated in order.

Materials. Strap and Case, of Malleable Iron. **Working Parts,** of Bronze and Steel.

Four Tumblers. **Case,** 5⅝ ins. diameter, 1⅜ ins. thick.

PRICE.

No. 1001, with two-jointed strap and wall-plate, (without keys, - - - Each, $

No. 1001, with strap, but without wall-plate, (also without keys), - - " $

Extra for key No. 91, $ Nos. 92 and 93, $ each.

Discount. Subject to quantity discount on orders for twenty locks and upwards.

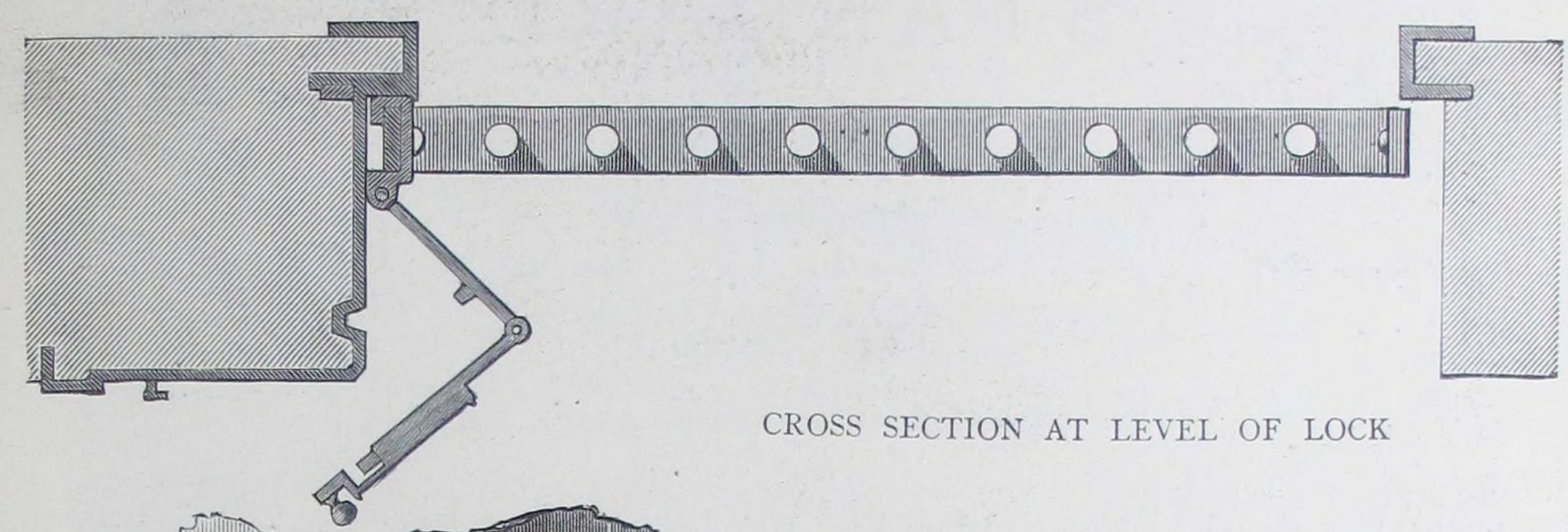
Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

DIRECTIONS FOR ORDERING.

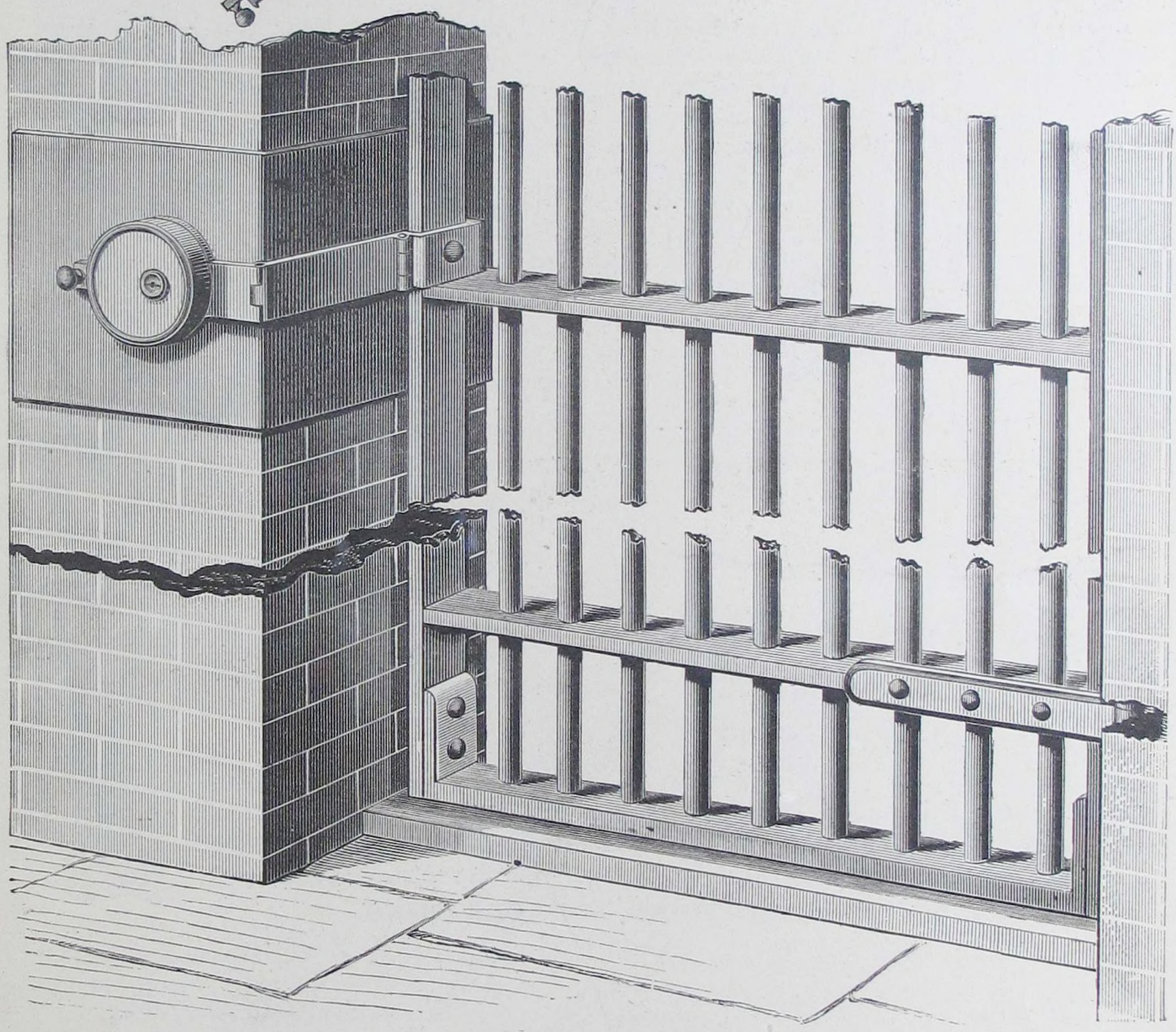
Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, and also how many keys are wanted. The arrangement of groups has been found most convenient, locks of cells in each corridor being set up alike.

Fitting. With order send accurate drawing, to scale, showing horizontal section of wall and door or gate.

For Padlocks, see pages 285 to 293. **For Yale Duplex locks,** see pages 159 to 179.



CROSS SECTION AT LEVEL OF LOCK



FRONT ELEVATION.

STANDARD JAMB HASP LOCK, No. 1001.

STANDARD
ARMORED
RIM CELL LOCK,
No. 1003.

WITH NICKEL-PLATED HEAVY STEEL KEYS.

For Use especially on grated Cell or Corridor doors, but can be used with solid doors.
Operated by keys Nos. 91, 92 or 93, (shown on page 305), from **one or both sides**, as may be ordered.
Arranged as in cut, A representing the lock-case proper, contained in the center of the heavy cast-iron frame work B; C C indicate the two wrought-iron armor plates, one on each side of the door, riveted together by bolts passing through openings in frame-work. Upon solid iron or wooden doors one armor plate only will be needed.
Sizes. Made regularly of four sizes, as follows:

Style A—6 ins. by 7½ ins. by 2½ ins. Style C—6 ins. by 7 ins. by 1¾ ins.
Style B—6 ins. by 8 ins. by 1¾ ins. Style D—6 ins. by 6 ins. by 1¾ ins.

But when ordered in quantities we will furnish of any required dimensions.

Right and Left. Can be adjusted at will both to right and left hand doors.
Packed. Unless otherwise ordered, No. 92 key will be packed with this lock. If either of the other keys shown on page 305 should be preferred, it should be so stated in order.
Heavy Bronze Bolt. **Four Steel Tumblers.** **Case,** see sizes above.

PRICE EACH, WITHOUT KEYS.

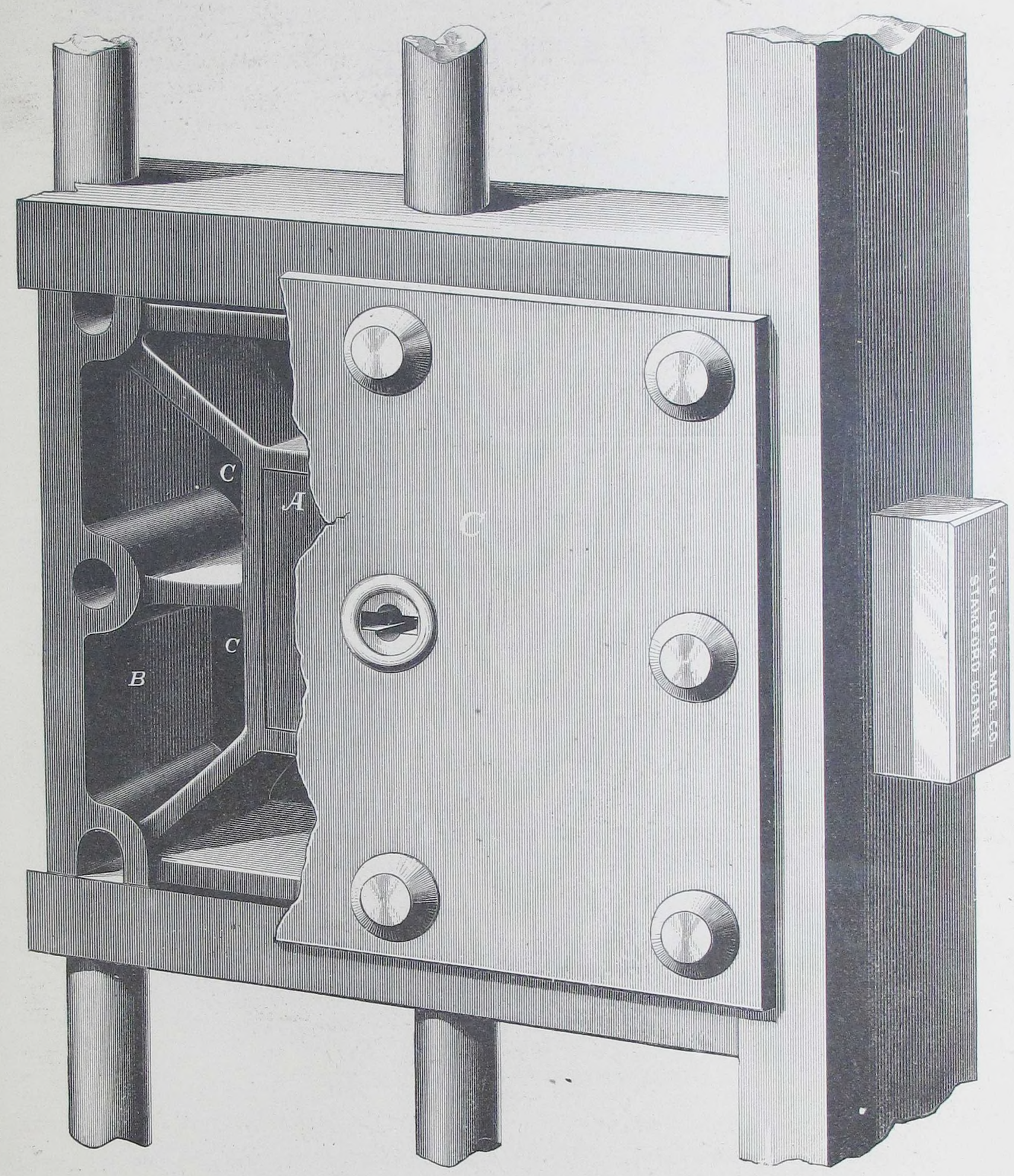
No.	Style.	Without Armor Plates.	With 1 Armor Plate.	With 2 Armor Plates.
1003	A			
1003	B			
1003	C			
1003	D			

Extra for Key No. 91, $ Nos. 92 and 93, $ each.
For lock to be operated from both sides, extra, "

Discount. Subject to quantity discount on orders for twenty locks and upwards.
Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

DIRECTIONS FOR ORDERING.

Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, also how many keys are wanted. The arrangement of groups has been found most convenient, locks of cells in each corridor being set up alike.
Unlocking from one or both sides. In ordering state whether lock is to be operated from one or both sides.
Length of Bolt. If special length of bolt is required, state how much the bolt shall stand out from face of lock when unlocked. If not otherwise ordered, bolt will be made to stand flush with case, when unlocked.
Sizes. In addition to **number** of lock, state the **style** wanted. If any other size is required, send with order accurate drawing, to scale, of the gate or door.



Distance from face of lock No. 1003, (Styles A, B, C, and D) to center of Key-hole, 3¼ inches.

Thickness of Cases, see page 484.

STANDARD RIM CELL LOCK, No. 1003.

[NOT FULL SIZE.]

For Sizes, see page 484.

STANDARD

WROUGHT IRON

CYLINDRICAL CELL LOCK,

No. 1005.

WITH NICKEL-PLATED HEAVY STEEL KEYS.

For Use on either solid or grated Cell or Corridor doors.

Operated by Nos. 91, 92 or 93 key, (shown on page 305), from **one or both sides,** as may be ordered.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed. Unless otherwise ordered No. 92 keys will be packed with this lock. If either of the other keys shown on page 305 is preferred, it should be so stated in order.

Materials. Case, of Hydraulic, Lap-welded Wrought Iron Tube, with heavy rolled Wrought Iron heads.
Working Parts, of Bronze.

Heavy Bronze Bolt. Four Tumblers. **Case,** 6 ins. diameter, 1⅜ ins. thick.

PRICE.

No. 1005 Cylindrical Cell Lock, (without keys,) - - - - - Each, $

For locks to be operated from both sides, - - - - - - - - ..

Extra for keys, No. 91, $; Nos. 92 and 93, $ each.

Discount. Subject to quantity discount on orders for twenty locks and upwards.

Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

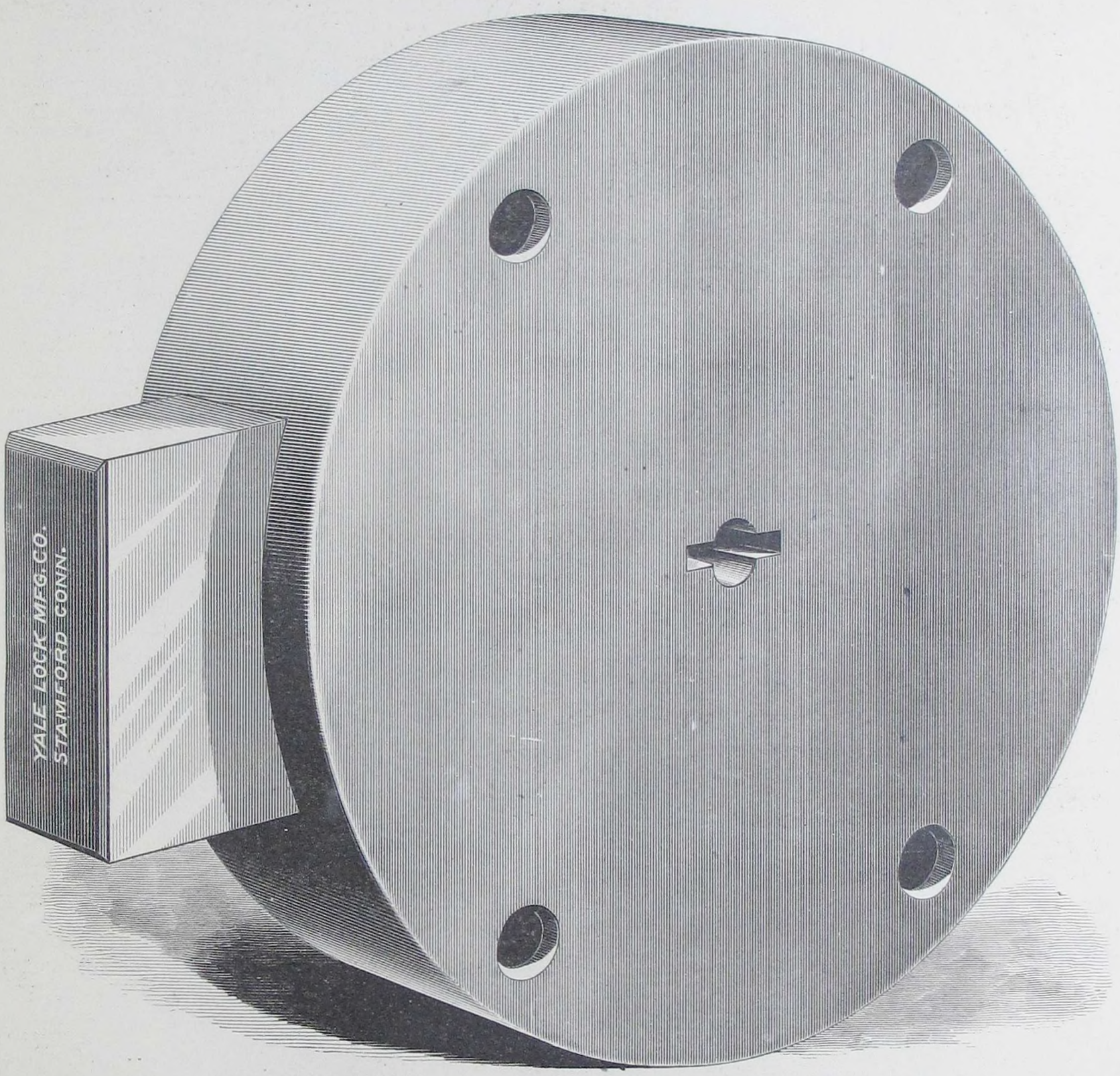
DIRECTIONS FOR ORDERING.

Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, and also how many keys are wanted. The arrangement by groups has been found most convenient, locks of cells in each corridor being set up alike.

Unlocking from one or both sides. In ordering state whether lock is to be operated from one or both sides.

Length of Bolt. If special length of bolt is required, state how much the bolt shall stand out from face of lock, when unlocked. If not otherwise ordered, bolt will be made to stand flush with case, when unlocked.

For Padlocks, see pages 285 to 293. **For Yale Duplex locks,** see pages 159 to 179.



Distance from face of lock to center of Key-hole, 3 inches.

Thickness of Case, 1⅜ inches.

STANDARD WROUGHT IRON CYLINDRICAL CELL LOCK, No. 1005.

[FULL SIZE.]

STANDARD

RIM PRISON LOCK,

No. 1007.

WITH NICKEL-PLATED HEAVY STEEL KEYS.

For Use on Cell or Corridor doors, and with Bronze case for Tomb doors or gates.

Operated by keys Nos. 91, 92 or 93, (shown on page 305), from **one or both sides,** as may be ordered.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed. Unless otherwise ordered No. 92 key will be packed with this lock. If either of the other keys shown on page 305 should be preferred, it should be so stated in order.

Materials. Case, of Cast Iron or Bronze. **Working Parts,** of Bronze.

Heavy Bronze Bolt. **Four Steel Tumblers.** **Case,** 4 ins. by 6 ins. by 1¼ ins.

PRICE.

No. 1007 Rim Prison Lock, (without keys), - - - - - - Each, $

No. 1007 Rim Prison Lock, With Bronze Case, (without keys), - - "

Extra for Key No. 90, $ Nos. 92 and 93, $ each.

Discount. Subject to quantity discount on orders for twenty locks and upwards.

Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

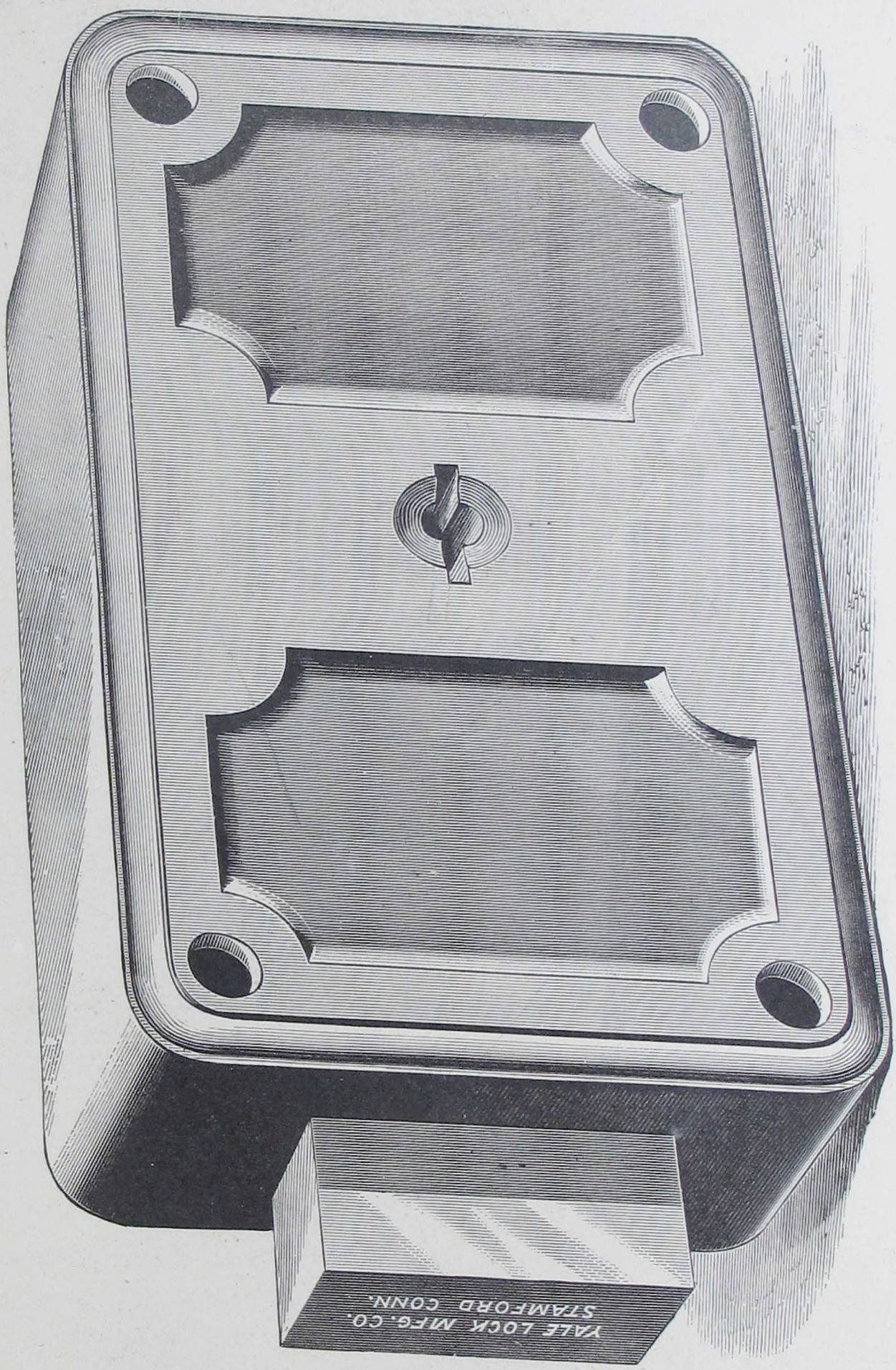
DIRECTIONS FOR ORDERING.

Bronze Case. If Bronze case is desired, so specify in order.

Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, also how many keys are wanted. The arrangement of groups has been found most convenient, locks of cells in each corridor being set up alike.

Length of Bolt. If special length of bolt is required, state how much the bolt shall stand out from the face of lock, when unlocked. If not otherwise ordered, bolt will be made to stand flush with case, when unlocked.

For Padlocks, see pages 285 to 293. **For Yale Duplex locks,** see pages 159 to 179.



Distance from face of lock to center of Key-hole, 3 inches.
Thickness of Case, 1¼ inches.

STANDARD RIM PRISON LOCK, No. 1007.

[FULL SIZE.]

STANDARD

MORTISE PRISON LOCK,

No. 1009.

WITH NICKEL-PLATED HEAVY STEEL KEYS.

For Use on Cell or Corridor doors.

Operated by keys Nos. 91, 92 or 93, (shown on page 305), from **one side** or **both sides,** as may be ordered.

Right and **Left.** Can be adjusted at will both to right and left hand doors.

Packed. Unless otherwise ordered No. 92 keys will be packed with this lock. If either of the other keys shown on page 305 should be preferred, it should be so stated in order.

Materials. **Case,** of Cast Iron. **Working Parts,** of Bronze.

Heavy Bronze Bolt. **Four Steel Tumblers.** **Case,** 4 ins. by 6 ins. by 1½ ins

PRICE.

No. 1009 Mortise Prison Lock, (without keys), - - - - - - Each, $

For locks to be operated from both sides, extra, - - - "

Extra for keys, No. 91, $; Nos. 92 and 93, $ each.

Discount. Subject to quantity discount on orders for twenty locks and upwards.

Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

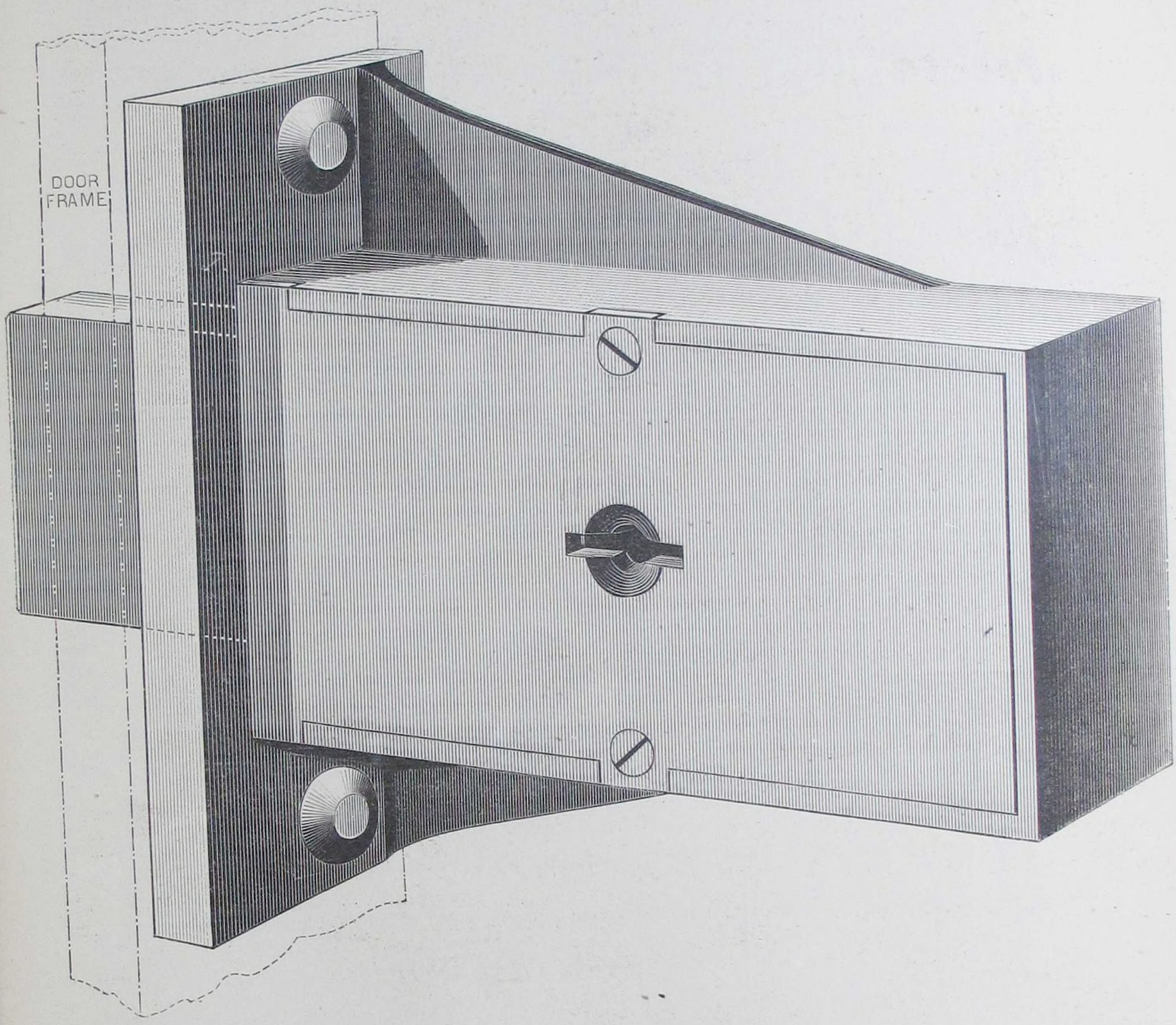
DIRECTIONS FOR ORDERING.

Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, also how many keys are wanted. The arrangement of groups has been found most convenient, locks of cells in each corridor being set up alike.

Unlocking from one or both sides. In ordering state whether lock is to be operated from one or both sides.

Length of Bolt. If special length of bolt is required, state how much the bolt shall stand out from face of lock when unlocked, and also whether the lock is intended for a right hand or left hand door, see page 16. If not otherwise ordered, bolt will be made to stand flush with case, when unlocked.

For Padlocks, see pages 285 to 293. **For Yale Duplex locks,** see pages 159 to 179.



Distance from face of lock to center of Key-hole, 3 inches.

Thickness of Case, 1½ inches.

STANDARD MORTISE PRISON LOCK, No. 1009.

[FULL SIZE.]

STANDARD

WROUGHT-STEEL

ARMORED PRISON LOCK,

No. 1013.

WITH NICKEL-PLATED HEAVY STEEL KEYS.

For Use especially on grated Cell or Corridor doors.

Operated by key No. 94 (shown on page 305), from **one or both sides** of the door, as may be ordered.

Arranged to set into a pocket on the door, as shown in cut of No. 1003, page 485, and secured by bar passing through the lock and two wrought-steel armor plates riveted together by bolts passing through the lock case.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed. No. 94 key, (as shown on page 305), will be packed with this lock. Other shaped bows will be furnished at special price.

Four Steel Tumblers.

Heavy Steel Bolt.

Plates, 7¼ inches by 10¾ inches.

Case, 6⅛ ins. by 10¼ ins. by 2½ ins.

PRICE.

No. 1013 Prison Lock, (without keys), - - - - - - - - Each, $

For locks to be operated from both sides, extra, - - - - - "

Extra for keys No. 94, - - - - - - - - - - "

Discount. Subject to quantity discount on orders for twenty locks and upwards.

Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

DIRECTIONS FOR ORDERING.

Hand. State whether locks are for **Right Hand** or **Left Hand** doors. See page 16.

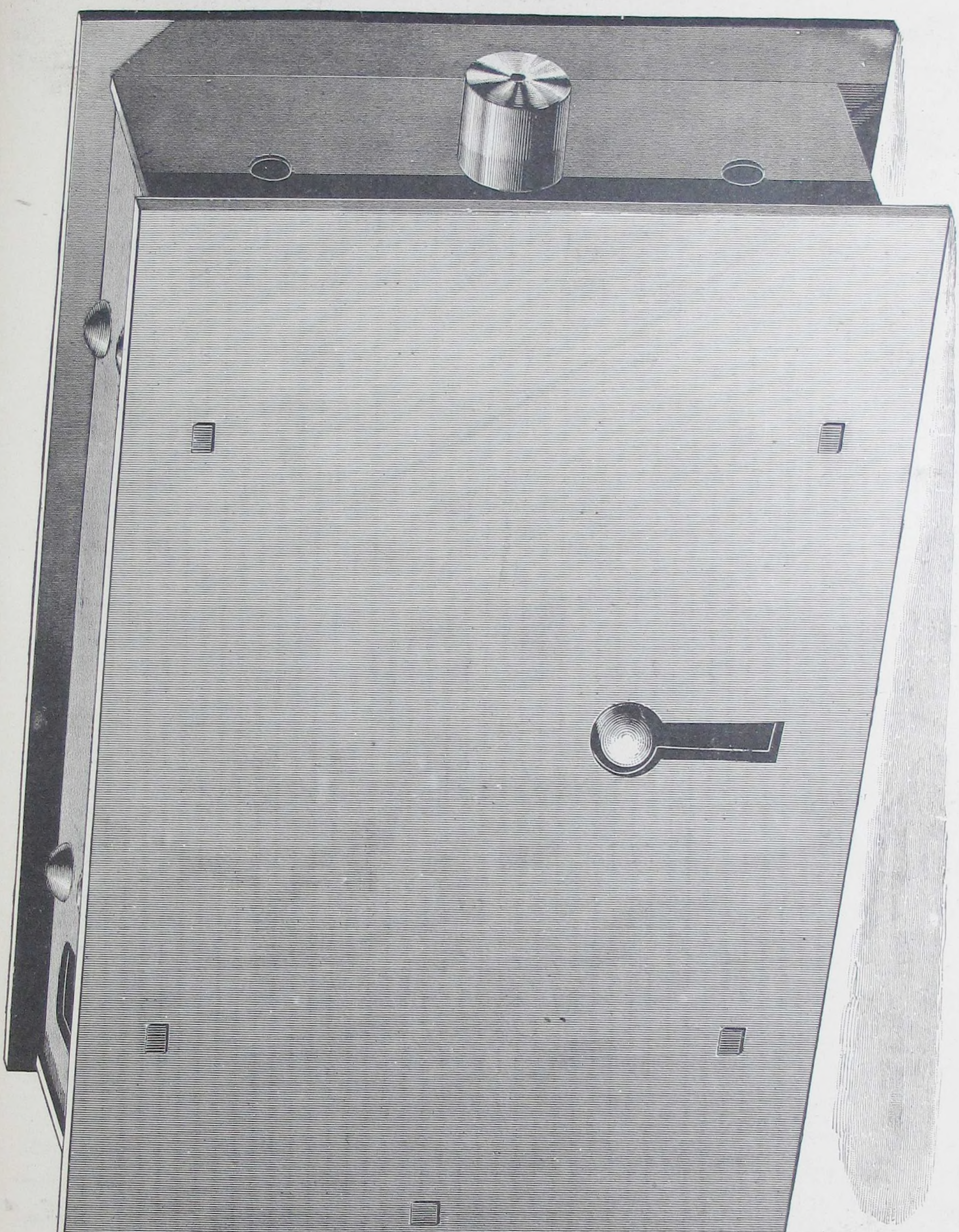
Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, and also how many keys are wanted. The arrangement by groups has been found most convenient, locks of cells in each corridor being set up alike.

Unlocking from one or both sides. In ordering state whether lock is to be operated from one or both sides.

Length of Bolt. If special length of bolt is required, state how much the bolt shall stand out from face of lock, when unlocked, also whether the lock is intended for right or left hand door, see page 16. If not otherwise ordered, bolt will be made to stand flush with case, when unlocked.

For Padlocks, see pages 285 to 293.

For Yale Duplex locks, see pages 159 to 179.



Distance from face of lock to center of Key-Hole, 3⅛ inches.
Thickness of Case, 2½ inches.

STANDARD PRISON LOCK, No. 1013.

(THREE-QUARTER)

STANDARD

RIM PRISON LOCK,

No. 1015.

WITH NICKEL-PLATED HEAVY STEEL KEYS.

For Use on Cell or Corridor doors.

Operated by key No. 95, (shown on page 305), from **one or both sides,** as may be ordered.

Right or **Left** according to order, but **not adjustable** to right and left hand doors. See page 16.

Packed. No. 95 key is packed with this lock.

Materials. Case, of Wrought Iron. **Working Parts,** of Bronze.
Heavy Steel Bolt. Five Steel Tumblers. Case, 5⅛ ins. by 6⅞ ins. by 1⅜ ins.

PRICE.

No. 1015 Rim Prison Lock, (without keys), - - - - - -	Each, $
Extra for Keys, No. 95, - - - - - - - - - -	"
For lock to be operated from both sides, extra, - - - -	"

Discount. Subject to quantity discount on orders for twenty locks and upwards.

Special Work. Locks for prison use, of any desired pattern, will be made from architects' designs.

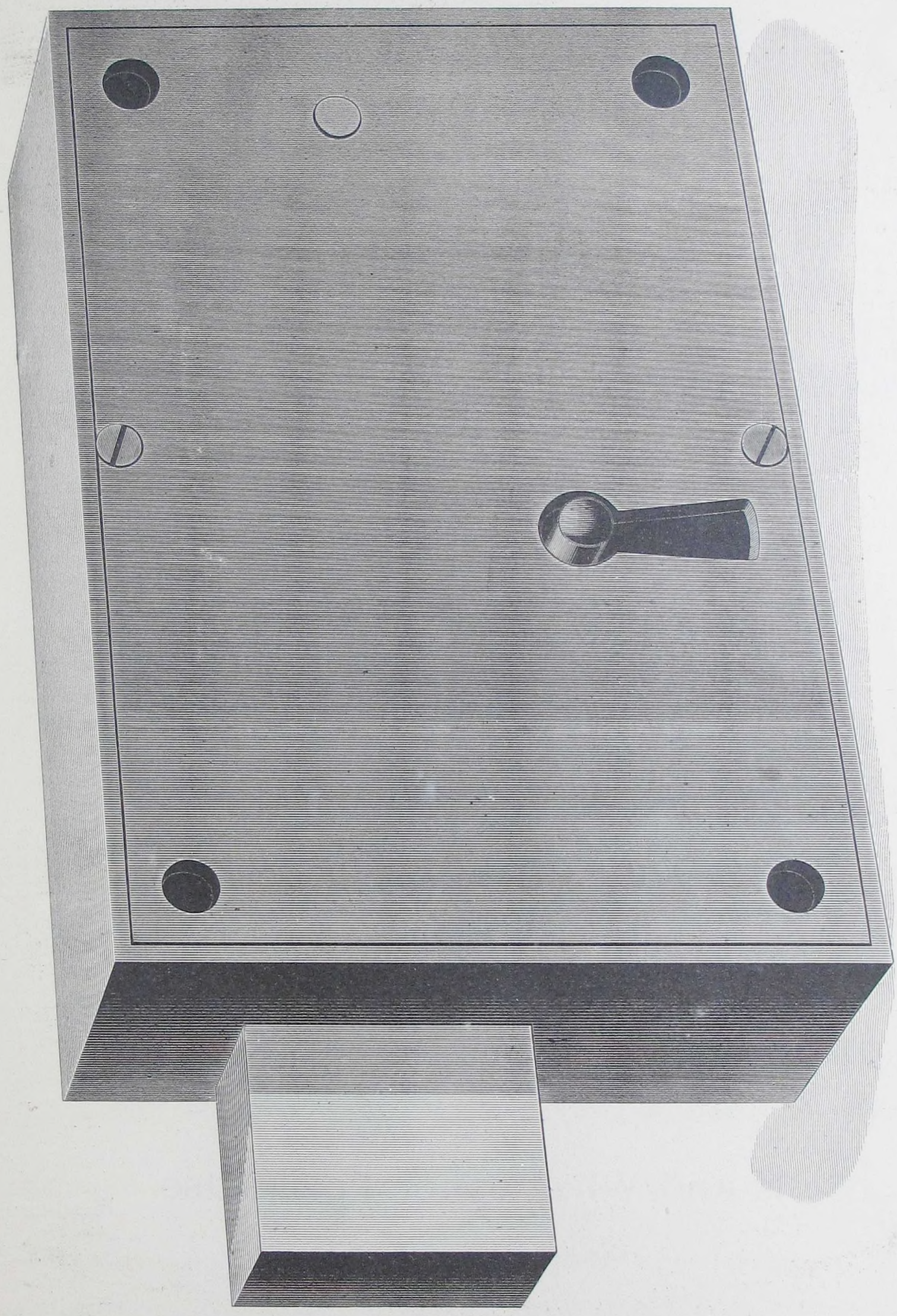
DIRECTIONS FOR ORDERING.

Setting Up. Specify when ordering how the locks are to be set up, i. e., whether the keys are to be all alike, all different, or in groups or sets, also how many keys are wanted. The arrangement of groups has been found most convenient, locks of cells in each corridor being set up alike.

Unlocking from one or both sides. In ordering state whether lock is to be operated from one or both sides.

Length of Bolt. If special length of bolt is required, state how much the bolt shall stand out from the face of lock, when unlocked. If not otherwise ordered, bolt will be made to stand flush with case, when unlocked.

For Padlocks, see pages 285 to 293. **For Yale Duplex Locks,** see pages 159 to 179.



Distance from face of lock to center of Key-hole, 3⅛ inches.

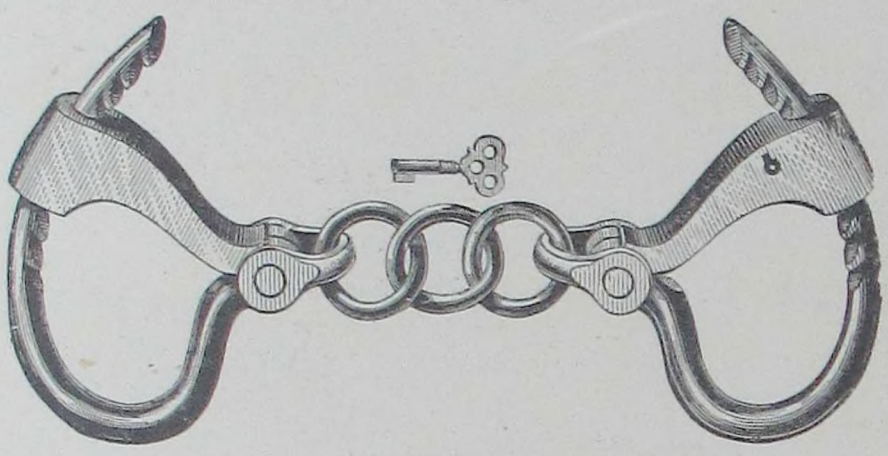
Thickness of Case, 1⅜ inches.

STANDARD RIM PRISON LOCK, No. 1015.

SPECIALTIES

FOR

PRISON USE.



NO. 1 HANDCUFF.

We are prepared to furnish various Prison Specialties, such as

Handcuffs of Improved Patterns,

Instantly adjustable to Wrists of any size.

LEG IRONS,

With and without Ball and Chain.

NIPPERS,

For Police and Sheriffs' Use.

SHACKLES,

New Patented Style.

Calls and Whistles for Police Use.

&c., &c., &c.

PRICES WILL BE FURNISHED ON APPLICATION.

FOR
GENERAL INDEX,
See Page 5.

Time Locks,

Combination Bank and Safe Locks,

Safe Deposit Locks,

AND

Tin Cash and Bond Boxes

With Combination and Key Locks.

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Yale Combination Locks,	505 to 510
Yale Double or Guarded Safe Deposit Locks,	511
Yale Safe Deposit Locks,	511 to 515
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Tin Boxes, with Key Locks,	521
Tin Boxes, with Combination Locks,	522 and 523
Yale Combination Tin Box Locks,	522 and 523
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YALE

TIME LOCKS.

Two Movements. Double and Single Dials.

ADVANTAGES.

1. Absolute **isolation** from external communication.

2. Great **simplicity in use,** requiring no attention but winding.

3. **Locking** at a predetermined hour, irrespective of the time when the door is closed, and so continuing daily, so long as the lock is wound.

4. **Unlocking** effected at a **certain hour of the day,** and so continuing daily at the same hour, so long as the lock is wound.

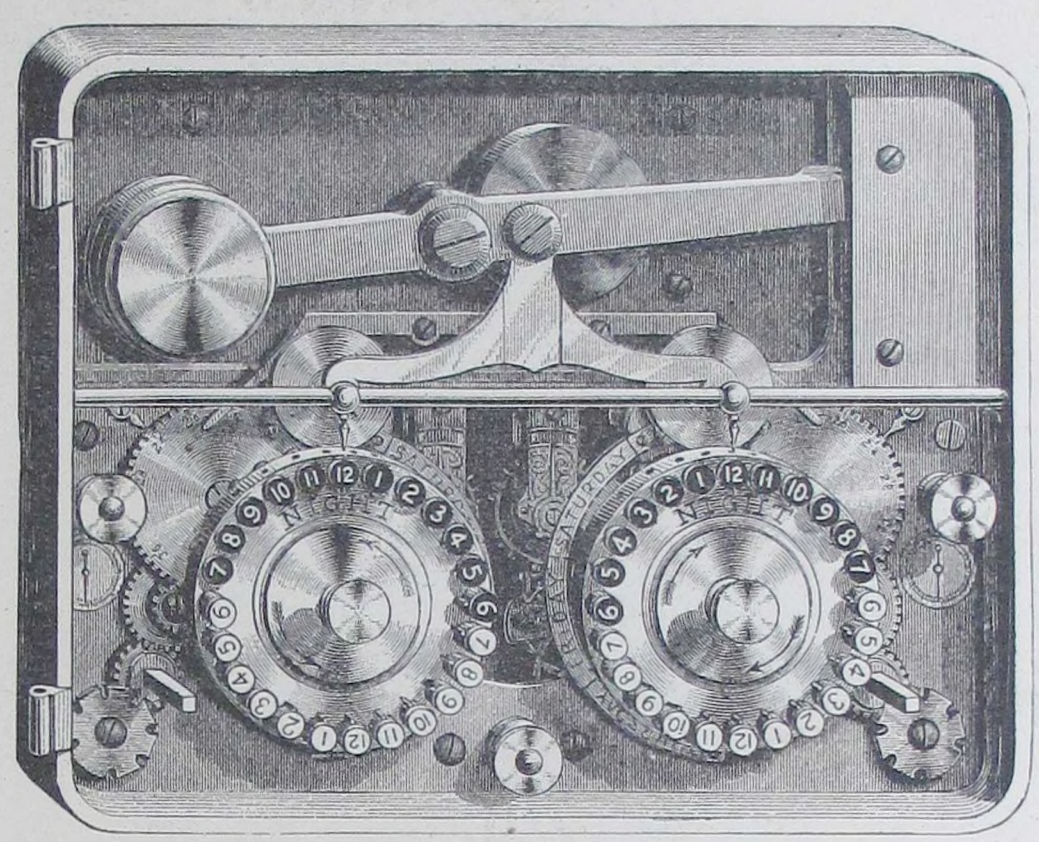
5. **The Sunday Attachment,** an ingenious and simple device, which, after being once set, performs automatically its work, and prevents unlocking during Sundays.

6. The movements are cushioned on springs, so that no jarring of the door can injure them, and the lock is provided with a device, so that any attempt to destroy it by dynamite will only cause it to lock fast. Should the lock be blown off the door, the bolt work would still be dogged.

PRICES OF YALE TIME LOCKS, Nos. 1, 2, 3 and 4.

No.	Size of Case.	Dials.	Movements.	Each.
	WITH SUNDAY ATTACHMENT.			
1	6 ins. by 7½ ins. by 3⅜ ins. thick.	Two.	Two.	
2	4½ ins. by 5¾ ins. by 3¼ ins. thick.	One.	Two.	
	WITHOUT SUNDAY ATTACHMENT.			
3	6 ins. by 7½ ins. by 3⅜ ins. thick.	Two.	Two.	
4	4½ ins. by 5¾ ins. by 3¼ ins. thick.	One.	Two.	

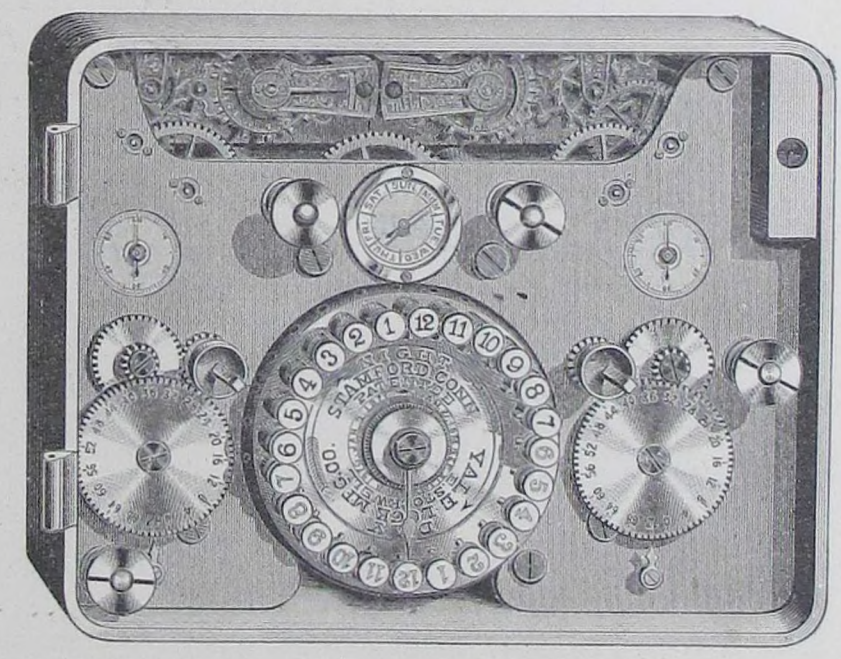
For Three Movement Time locks, see pages 500 to 502.



$\frac{1}{2}$ ACTUAL SIZE.

No. 1.

YALE DOUBLE DIAL, TWO MOVEMENT, TIME LOCKS, Nos. 1 and 3.



$\frac{1}{2}$ ACTUAL SIZE.

No. 2.

YALE SINGLE DIAL, TWO MOVEMENT, TIME LOCKS, Nos. 2 and 4.

YALE

TIME LOCKS.

Three Movements. Single Dial.

ADVANTAGES.

1. Absolute **isolation** from external communication.

2. Great **simplicity in use**, requiring no attention but winding, the three movements being wound at same time by revolution of the dial.

3. **Unlocking** effected by the lapse of a predetermined **number of hours**, as fixed each day, when winding.

4. Having **three movements**, any one of which will operate the lock, the danger arising from running down or stoppage of movements is materially reduced.

5. The movements are cushioned on springs, so that no jarring of the door can injure them, and the lock is provided with a device, so that any attempt to destroy it by dynamite will only cause it to lock fast. Should the lock be blown off the door, the bolt work would still be dogged.

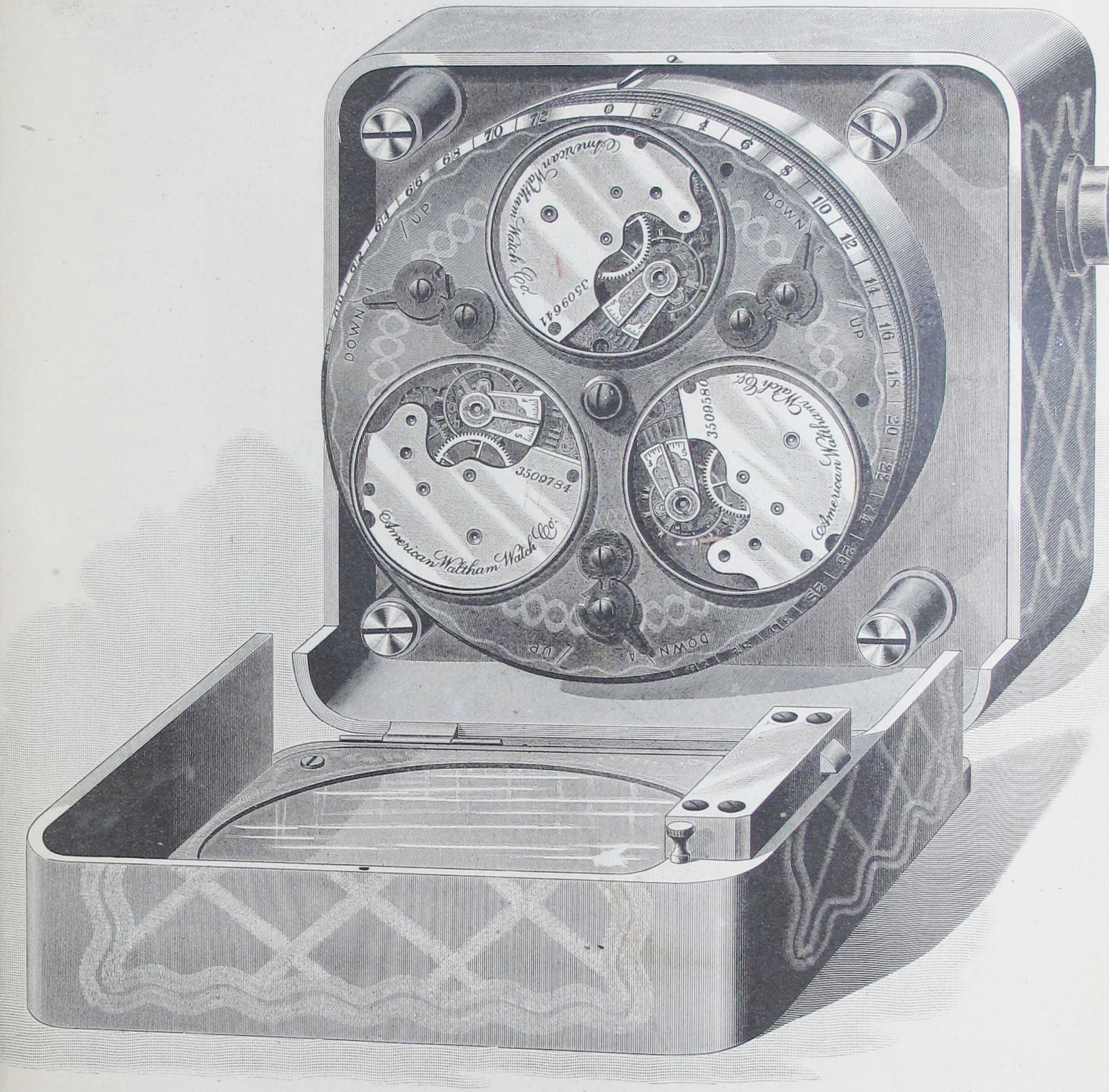
PRICES OF YALE TIME LOCKS, B and C.

No.	Size of Case.	Dials.	Movements.	Each.
B	4½ ins. by 4⅞ ins. by 2⅞ ins. thick.	One.	Three	
C	4½ ins. by 4½ ins. by 2¾ ins. thick.	One.	Three	

B lock, illustrated on page 501, is designed to be used in connection with ordinary bolt work.

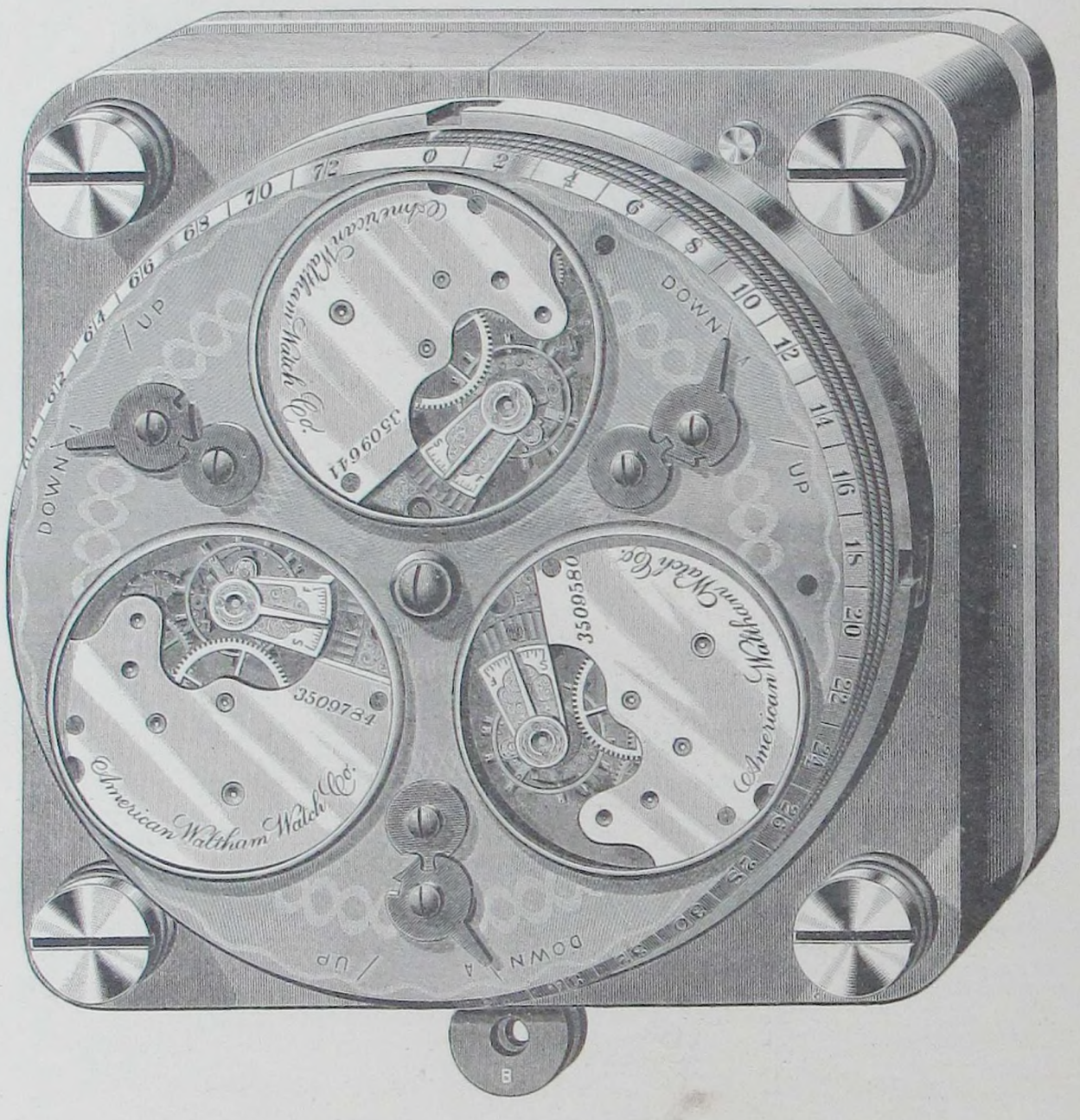
C lock, shown on page 502, is for use in operating an automatic device for throwing bolt work, description of which will be furnished on request.

For Two Movement Time locks, see pages 498 and 499.



YALE SINGLE DIAL, THREE MOVEMENT, TIME LOCK, B.

(For use in connection with ordinary Bolt Work.)



YALE SINGLE DIAL, THREE MOVEMENT, TIME LOCK, C.

(For operating the automatic bolt throwing device.)

YALE

COMBINATION

BANK AND SAFE LOCKS.

Among the most interesting and useful branches of the art of lock-making is the manufacture of Bank and Safe locks. Since property existed lock-makers have endeavored by their art to render it secure, while the burglars, in their turn, have from time to time overcome the locks and made fresh efforts and new inventions necessary.

Both Linus Yale, Jr., the founder of this Company, and his father were famous makers of Bank locks, and their reputation has been steadily maintained. This Company has always been and is now the leading manufacturer of Bank and Safe locks.

During the past few years the use of Combination locks on fire-proof safes has become so general that we have devoted special attention to perfecting this line of goods.

After many experiments and much labor we have produced a line of locks greatly improved, and of novel design, and have so perfected the mechanism as to leave nothing to be desired.

In burglar-proof Bank locks we have introduced improvements of the greatest value, and these locks we confidently recommend as absolutely secure and unpickable.

A general statement of some of our points of improvement is given below. The locks and their working parts are covered by broad patents recently issued, so that these improvements can be obtained from us alone.

IMPROVED TUMBLER. The most essential element of a good Dial lock is a reliable combination tumbler. Without this no Dial lock can be satisfactory, however perfect the other parts may be. Our improved tumbler is perfectly simple and is always reliable and satisfactory in its working.

ROTATING FENCE BEARING. A fruitful source of trouble in all Combination locks, as heretofore made, has been that the parts are liable to become stuck by dirt or corrosion or from some other cause, so that even when the combination is set the fence will not act and the lock cannot be unlocked, thereby causing a lock out. This is especially liable to occur in wet-filled safes.

One of our most important patented improvements is a device for absolutely preventing the sticking of the working parts of the lock. The dog or fence is placed upon a rotating bearing which is so connected with the dial spindle that whenever the dial is revolved the bearing of the fence will also revolve. This not only prevents the accumulation of any dirt which might cause the fence to stick, but it also insures the operation of the lock under all circumstances, even if the parts should be dirty or corroded.

SECURITY AGAINST PICKING. Another advantage of this method of construction is that it permits the use of **a balanced fence.** In this form of fence no pressure whatever can be brought against the tumblers, which renders the picking of the lock impossible. Even our fire-proof safe locks thus constructed are unpickable.

LOCKING BACK. Another manner in which Combination locks have been opened frequently by unauthorized persons is by removing the back of the lock when the door is opened and the owner absent, to find out by inspection of the tumblers what combination the lock is set upon. The back of the lock is then replaced in position, and the person then having possession of the combination can return at any time and open the safe at his leisure. We have two methods of preventing this : one by locking the tumbler curb fast by means of a key lock ; but a still later and better way is by locking the back in position by means of the tumblers themselves. That is, when the back is placed in position and the tumblers revolved, it would be impossible to remove the back again until the tumblers are set up to their proper combination on a mark which is at a different point on the dial ring than the mark on which the lock itself is opened. By this means there is the same security against stealing the combination by removing the back that there is against stealing the contents of the safe, when the door is locked, and as the lock is unpickable, the lock cannot be unlocked nor the back removed.

EASE OF APPLICATION. Another feature of great value in our locks for fire-proof safes, especially to safe-makers, is the fact that they can be so easily and cheaply applied to the door, thereby saving considerable expense in labor.

LOCKING DIAL. Another novelty is the locking dial, that is, a key lock attached to the dial of a Combination lock, so that during the day time the bolt of the Combination lock may be shot forward and the dial locked, which will secure the safe against sneak thieves, and render it easy for the owner to open it during the day without setting up the combination. He thus has at his option the use of a key or combination lock, or both.

SAFE DEPOSIT LOCKS. For Safe Deposit Companies we make a special three tumbler combination lock which will interchange with a key lock, so that the company or renter of a safe or box can readily change from the key lock to a combination lock as his convenience may dictate. Either the combination lock or the key lock will fit the same cuts in the door, so that they can be used interchangeably with perfect ease. In this class of combination locks the use of the locking dial, above referred to, is especially desirable.

We make Combination locks of all varieties and of all sizes and styles, both for burglar and fire-proof safes, We assert with confidence that we are making a larger and better line of Combination locks than have ever been before produced. As will be seen, we possess radical improvements which are broadly covered by recent patents which render our locks more secure, more certain in operation, simpler in construction, easier of application, and more convenient in use than dial locks have ever yet been made.

With a wide experience and the best talent we are constantly endeavoring to improve this line of locks and are frequently adding new styles and improvements, in our efforts to meet the wants of our customers and users of this class of goods.

Prompt attention will be given to any inquiries concerning any regular Combination locks, or any special work which may be required.

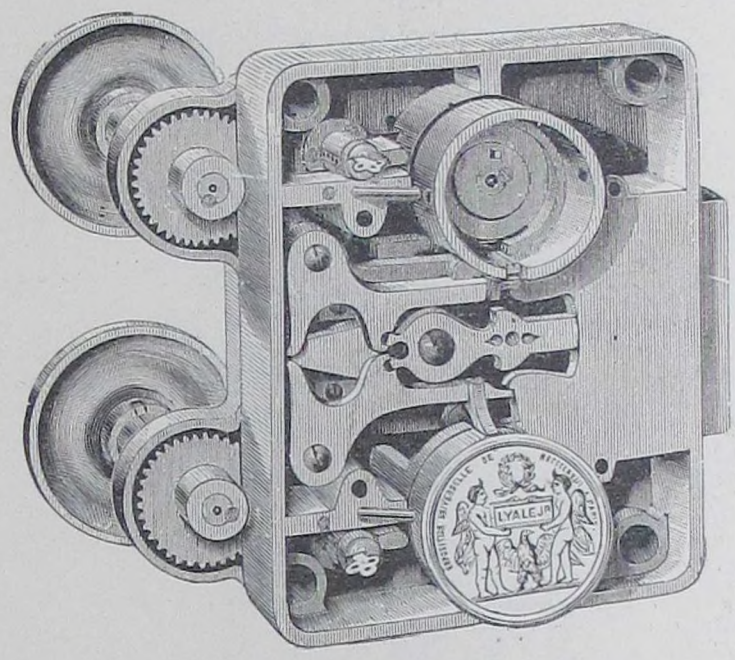
We are making several lines of Cabinet and other key locks specially adapted to safe makers' use.

Even Numbers indicate Iron Cases. Full Numbers indicate Inside Shaft.
Odd " " Bronze Cases. Half " " Outside Shafts.

YALE

DOUBLE DIAL

BANK LOCKS.



CUT
1/4
ACTUAL SIZE.

No. 01½.

Operation. This lock can be arranged so that by operating either dial the door can be opened, or it may be set so as to require two persons to be present, each one using his own combination.

Four Tumblers. 140,000,000 Changes.

Case, of Finished Bronze. Roller Fence.

Right or **Left,** according to order.

No.	Size.	Shaft.	Each.
01	9 × 7 × 2½ inches.	Inside.	
01½	9 × 7 × 2½ inches.	Outside.	

DIRECTIONS FOR ORDERING.

Thickness of Door. Specify exact thickness from outside surface of door to the seat on which the lock rests.

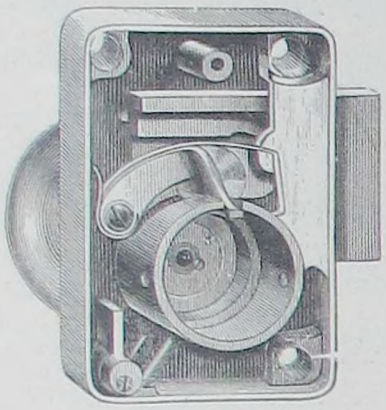
Bolts. Advise us whether double or single bolts are desired.

Dials. State whether dials are to be permanent or removable.

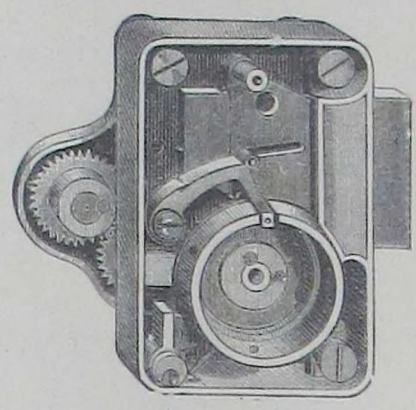
YALE
BANK LOCKS.

BURGLAR PROOF.

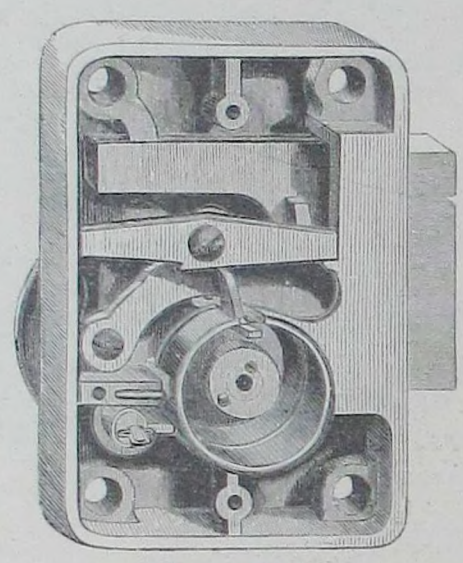
CUTS
1
—
4
ACTUAL SIZE.



No. 05.



No. 07½.



No. 03.

All of the above locks possess the same points of superiority, but differ only in size and number of tumblers.

Tumblers, see below. **Changes,** see below.

Cases, of Finished Bronze. **Roller Fence.**

Right or **Left,** according to order.

No.	Size.	Shaft.	Tumblers.	Changes.	Each.
03	7¾ × 5¾ × 2½ ins.	Inside.	Four.	70,000,000	
03½	7¾ × 5¾ × 3 ins.	Outside.	Four.	70,000,000	
05	6 × 3¾ × 2½ ins.	Inside.	Four.	70,000,000	
05½	6 × 3¾ × 3 ins.	Outside.	Four.	70,000,000	
07	6 × 4 × 2¼ ins.	Inside.	Three.	700,000	
07½	6 × 4 × 2¾ ins.	Outside.	Three.	700,000	

DIRECTIONS FOR ORDERING.

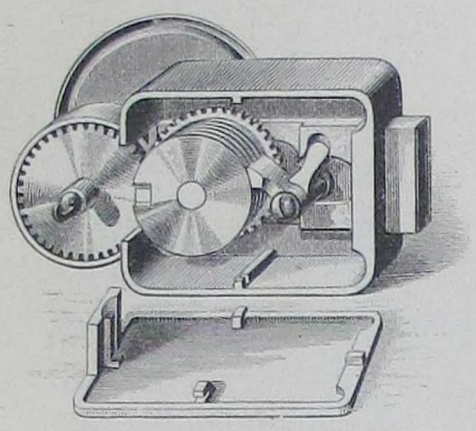
Thickness of Door. Specify exact thickness from outside surface of door to the seat on which the lock rests.

Dials. State whether dials are to be permanent or removable.

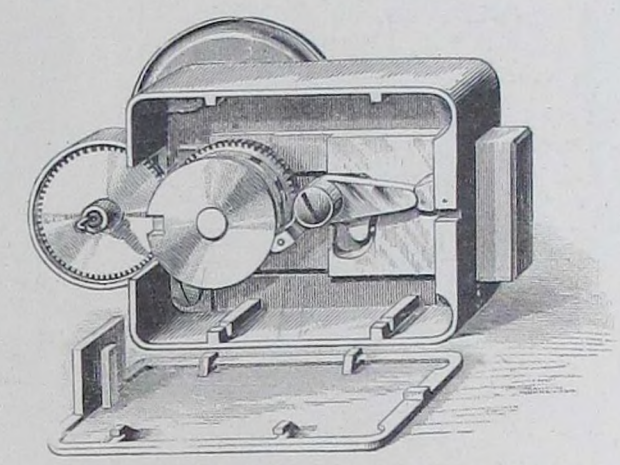
YALE
BANK LOCKS.

BURGLAR PROOF.

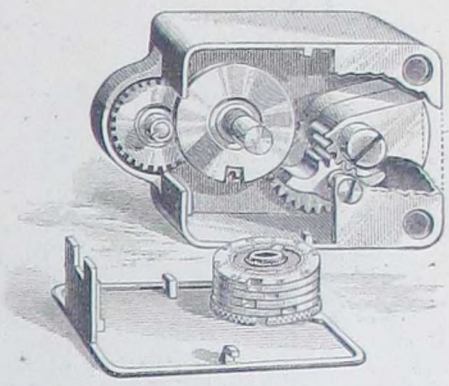
CUTS
1
4
ACTUAL SIZE.



No. 025½.



Nos. 023½ and 027½.



Nos. 029½ and 031½.

Locked Back, see page 503.
Four Tumblers. 100,000,000 Changes.
Cases, of Finished Bronze. **Roller Fence** on Nos. 023½ and 027½.
Rotating Fence Bearing and Balance Fence on Nos. 025½, 029½ and 031½.
Revolving Bolts in Nos. 029½ and 031½.
Right or **Left,** according to order.

No.	Size.	Shaft.	Each.
023½	4 × 5 × 2 inches.	Outside.	
025½	3¼ × 4½ × 1⅞ inches.	Outside.	
027½	3¼ × 4 × 2 inches.	Outside.	
029½	3¼ × 4 × 1⅞ inches. (Side Shaft Projection, 1 inch.)	Outside.	
031½	3¼ × 4 × 1⅞ inches. (Side Shaft Projection, 2 ins.)	Outside.	

DIRECTIONS FOR ORDERING.

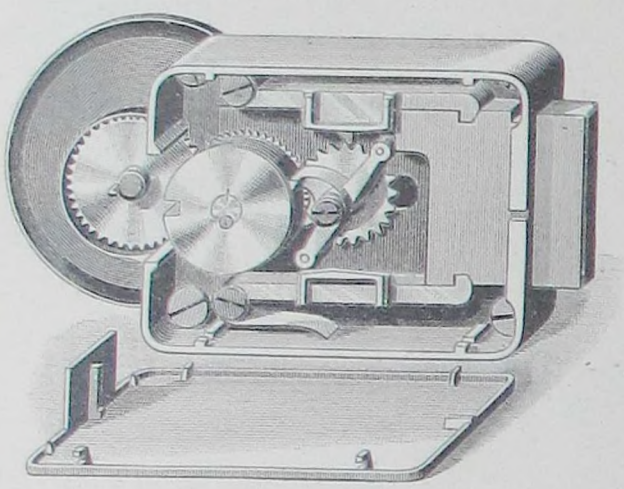
Thickness of Door. Specify exact thickness from outside surface of door to the seat on which the lock rests.

Dials. State whether dials are to be permanent or removable.

YALE

BANK LOCKS.

BURGLAR PROOF.

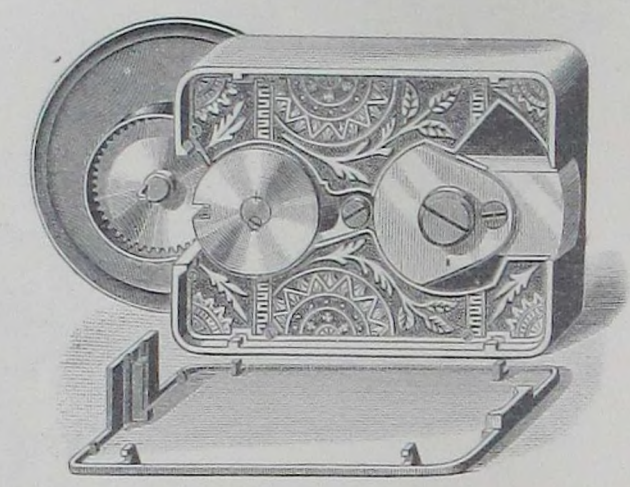


No. 019½.

CUTS

1/4

ACTUAL SIZE.



No. 021½.

Locked Back, see page 503.

Cases, of Finished Bronze.

Right or Left, according to order.

100,000,000 Changes.

Four Tumblers.

Revolving Bolt on No. 021½

No.	Size.	Shaft.	Each.
019½	4½ × 6 × 2 inches. (Side Shaft Projection, 1⅞ inches.)	Outside.	
021½	4½ × 6 × 2 inches. (Side Shaft Projection, 1⅞ inches.)	Outside.	

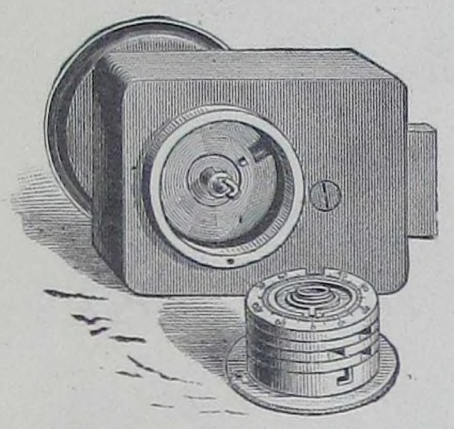
DIRECTIONS FOR ORDERING.

Thickness of Door. Specify exact thickness from outside surface of door to the seat on which the lock rests.

YALE

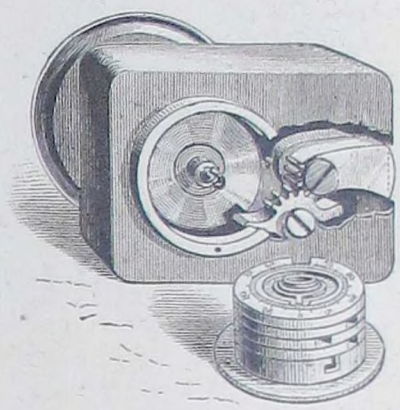
SAFE LOCKS.

FIRE AND BURGLAR PROOF.

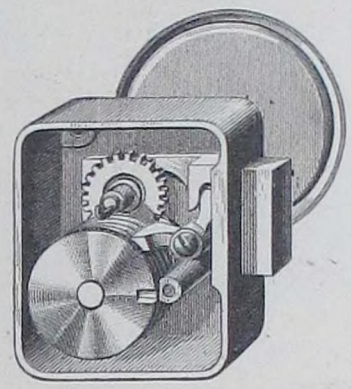


Nos. 024 and 025.

CUTS
1/4
ACTUAL SIZE.



Nos. 026 and 027.



Nos. 062½ and 063½.

Nos. 024 and 026 do not require holes to be drilled and tapped for holding them to the door, the spindle sleeve being screwed into the door, the lock screwed to the flange on end of the sleeve and prevented from turning by a steady-pin on the case.

Tumblers, see below. Cases, as below. Changes, see below.

Right or Left, according to order.

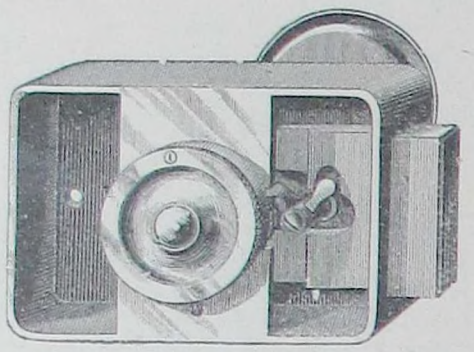
No.	Size.	Case.	Tumblers.	Changes.	Each.
024	3¼ × 4½ × 2 ins.	Iron.	Four.	100,000,000	
025	3¼ × 4½ × 1¾ ins.	Bronze.	Four.	100,000,000	
026	3¼ × 4½ × 1¾ ins.	Iron.	Four.	100,000,000	
027	3¼ × 4½ × 1¾ ins.	Bronze.	Four.	100,000,000	
062½	4 × 3⅜ × 1⅞ ins.	Iron.	Four.	100,000,000	
063½	4 × 3⅜ × 1⅞ ins.	Bronze.	Four.	100,000,000	

DIRECTIONS FOR ORDERING.

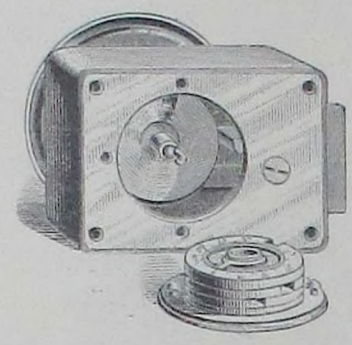
Thickness of Door. Specify exact thickness from outside surface of door to the seat on which the lock rests.

YALE
BANK LOCKS,

BURGLAR AND FIRE PROOF.



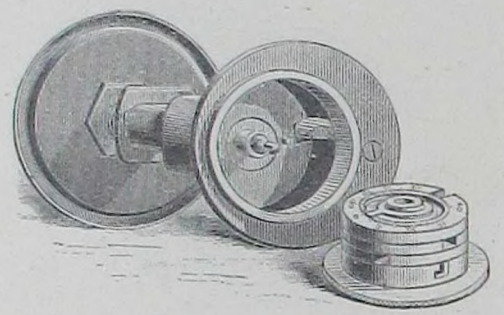
CUTS
1
4
ACTUAL SIZE.



Nos. 012 and 013.
Vault Door Locks.

Nos. 040 and 041.
Safe Deposit Locks.

Nos. 016 and 017 are the same as Nos. 012 and 013 excepting as to size.



Nos. 050.
Fire Proof Safe Locks.

Nos. 040 and 041 are arranged so that they may be attached to a door in place of a key lock without additional cutting.

Nos. 050 A, etc., are for Fire Proof Safes, having the bolt work back of the filling and next to the front of the door.

Three Tumblers. **Inside Shafts.** **1,000,000 Changes.**

Right or Left, according to order.

No.	Size.	Case.	Each.	No.	For Doors.	Case.	Each.
012	4 × 6 × 2 ins.	Iron.		050A	2⅝ ins. thick	Iron.	
013	4 × 6 × 2 ins.	Bronze.		050B	4 ins. thick	Iron.	
016	3 × 4 × 2 ins.	Iron.		050C	4½ ins. thick	Iron.	
017	3 × 4 × 2 ins.	Bronze.		050D	5 ins. thick	Iron.	
040	2⅞ × 4 × 1⅛ ins.	Iron.		050E	5½ ins. thick	Iron.	
041	2⅞ × 4 × 1⅛ ins.	Bronze.		050F	6 ins. thick	Iron.	
				050H	6½ ins. thick	Iron.	

DIRECTIONS FOR ORDERING.

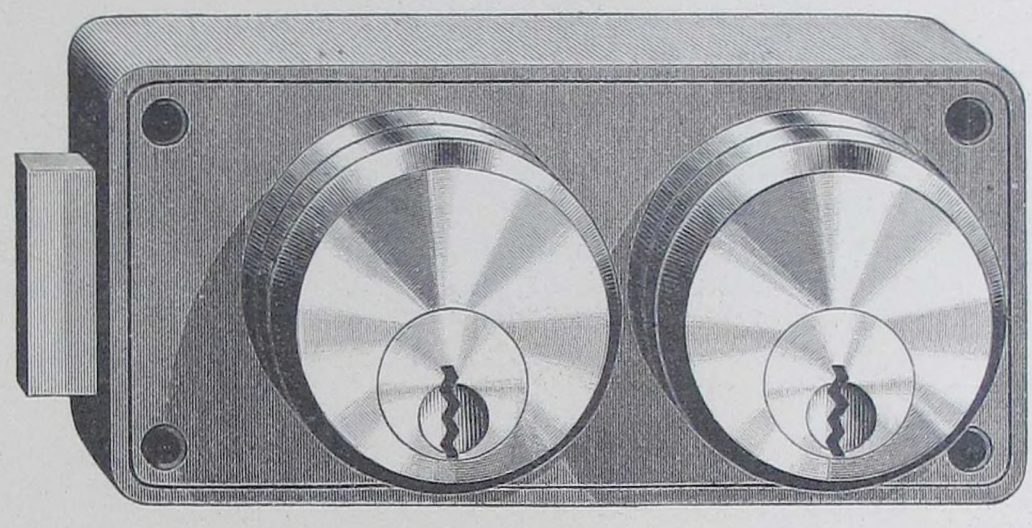
Thickness of Door. Specify for Nos. 012 to 041 locks the thickness from outside surface of door to the seat on which the lock rests. For Nos. 050 A, etc., the thickness of door measured between outside and inside surfaces.

YALE

DOUBLE or GUARDED

SAFE DEPOSIT LOCKS.

WITH NEW CORRUGATED KEYS.



Operated. The **main lock** by the person owning the box. The **guard lock** by the person in charge of the vaults, thus requiring **both keys** to be used to open the door.

Adjustable, unless otherwise ordered, to doors ½ inch in thickness, but can be furnished for other thicknesses, if specified in order.

Packed, each lock with 3 (Class No. 6) keys, all necessary screws, and as many keys for guard lock as may be needed.

Heavy Bronze Bolt. **Right** or **Left,** as ordered. (See page 16.) **Case,** 1¾ inches by 3⅝ inches,

No.	Case.	Escutcheons.	Per Dozen.
6200	Plain Bronze.	Plated.	
6201	Plain Bronze.	Plain Bronze.	
6202	Japanned Iron.	Plated.	
6203	Japanned Iron.	Plain Bronze.	

Furrings for attaching these locks to thin iron doors, extra, Japanned iron, Per dozen, $

For other Yale Safe Deposit locks, see pages 512 to 515.

For Standard Sub-Treasury locks, see pages 516 to 519.

For Escutcheon locks, see page 519.

For Keys, see Key Section.

For Number Plates, see page 520.

YALE

SAFE DEPOSIT LOCKS,

LARGE PATTERN.

FOR IRON DOORS.

WITH NEW CORRUGATED KEYS.

For Use upon doors of the small boxes or safes of Safe Deposit Vaults and Safes, Cash Boxes, etc.

Adjustable, unless otherwise ordered, to doors of ½ inch in thickness, but can be furnished for other thicknesses, if specified in order.

Operated by the key **from the outside,** and so arranged, unless otherwise ordered, that the **key cannot be withdrawn,** except when the bolt is thrown.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock with 3 (Class No. 6) keys, and all necessary screws, complete.

Heavy Bronze Bolt. **Case,** 2½ inches by 3½ inches.

No.	Case.	Escutcheons.	Per Dozen.
200	Plain Bronze.	Plated.	
201	Plain Bronze.	Plain Bronze.	
202	Japanned Iron.	Plated.	
203	Japanned Iron.	Plain Bronze.	

Furrings for attaching these locks to thin iron doors, extra, Japanned Iron, Per dozen, $

For Yale Double or Guarded lock of same class, see page 511.

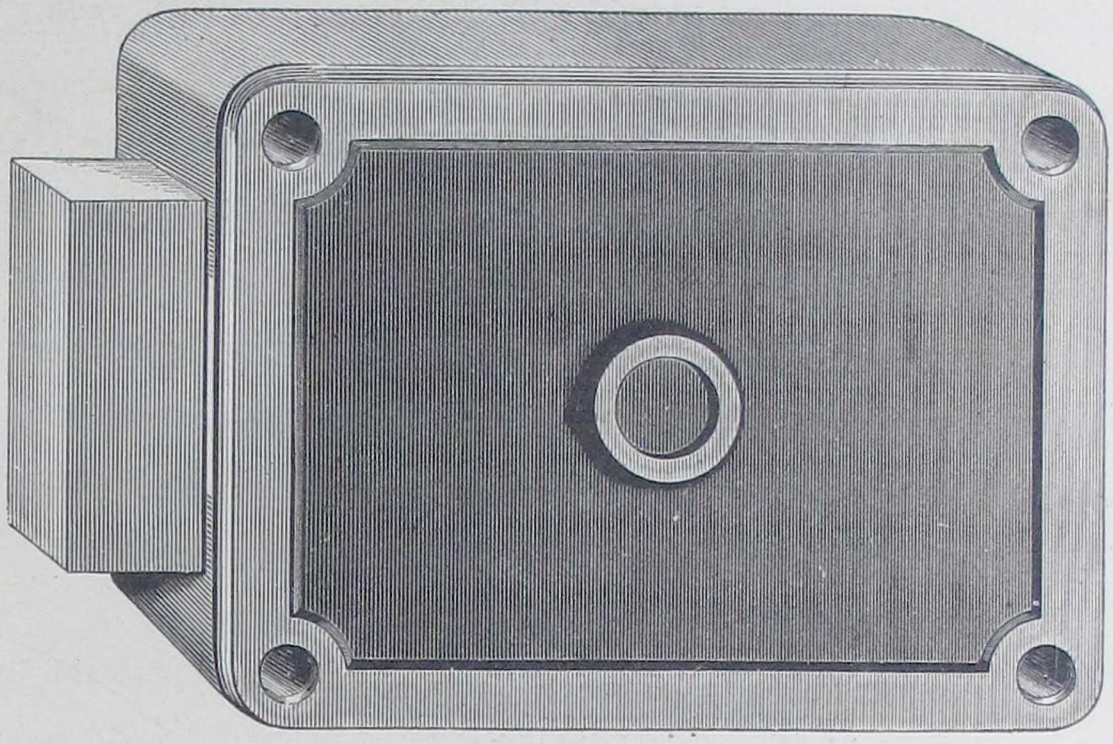
For a lighter Yale lock of same class, see pages 514 and 515.

For Standard Sub-Treasury locks, see pages 516 to 519.

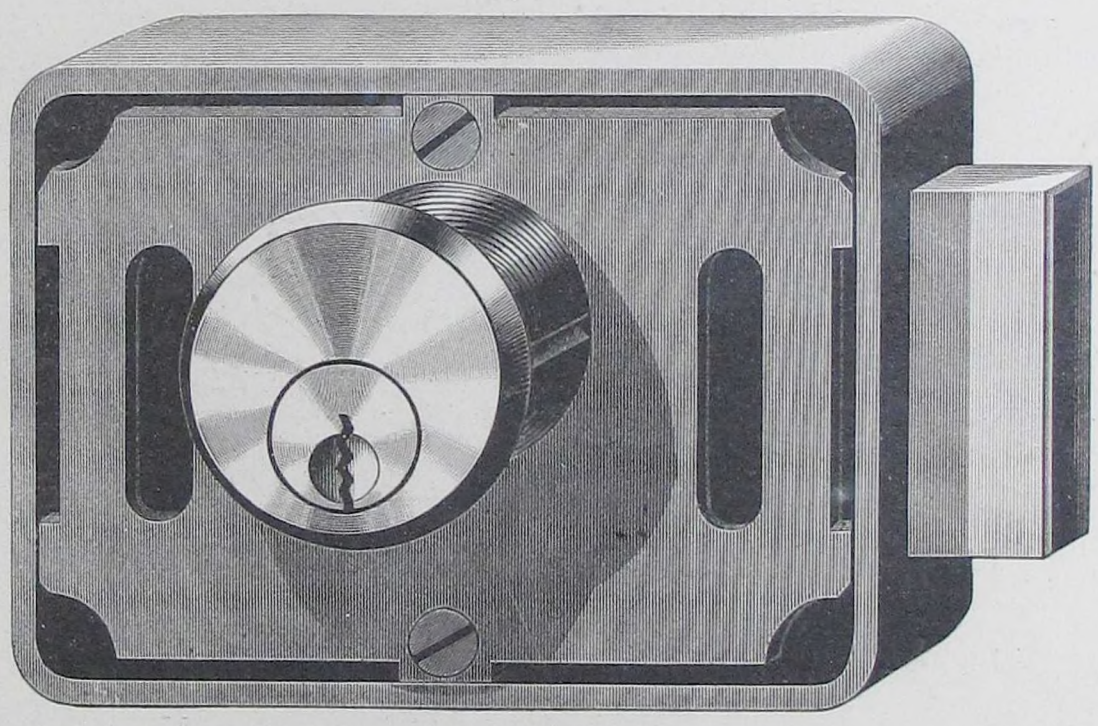
For Escutcheon locks, see page 519.

For Keys, see Key Section.

For Number Plates, see page 520.



BACK VIEW.



FRONT VIEW.

YALE SAFE DEPOSIT LOCKS, Nos. 200 to 203.

[LARGE PATTERN.]

YALE

SAFE DEPOSIT LOCKS,

SMALL PATTERN.

For Iron Doors.

WITH NEW CORRUGATED KEYS.

For Use upon doors of the small boxes or safes of Safe Deposit Vaults and Safes, Cash Boxes, etc.

Adjustable, unless otherwise ordered, to doors of ½ inch in thickness, but can be furnished for other thicknesses, if specified in order.

Operated by the key **from the outside,** and so arranged, unless otherwise ordered, that the **key cannot be withdrawn,** except when the bolt is thrown.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock with 3 (Class No. 6) keys, and all necessary screws, complete.

Heavy Bronze Bolt. **Case,** 2 inches by 2¾ inches.

No.	Case.	Escutcheon.	Per Dozen.
204	Plain Bronze.	Plated.	
205	Plain Bronze.	Plain Bronze.	
206	Japanned Iron.	Plated.	
207	Japanned Iron.	Plain Bronze.	

Furrings for attaching these locks to thin iron doors, extra per dozen, Japanned Iron, $

For Yale Double or Guarded lock of same class, see page 511.

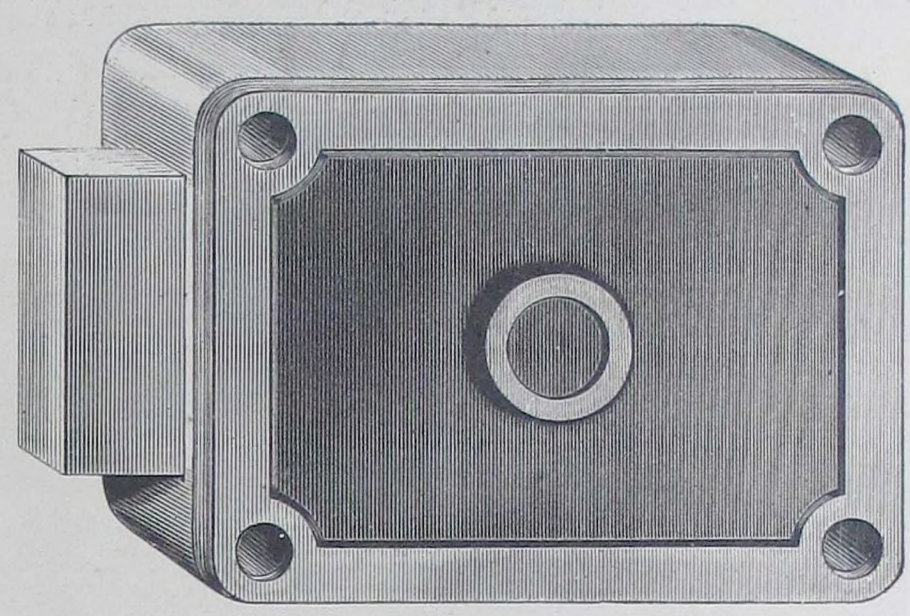
For a heavier Yale lock of same class, see page 512.

For Standard Sub-Treasury locks, see pages 516 to 519.

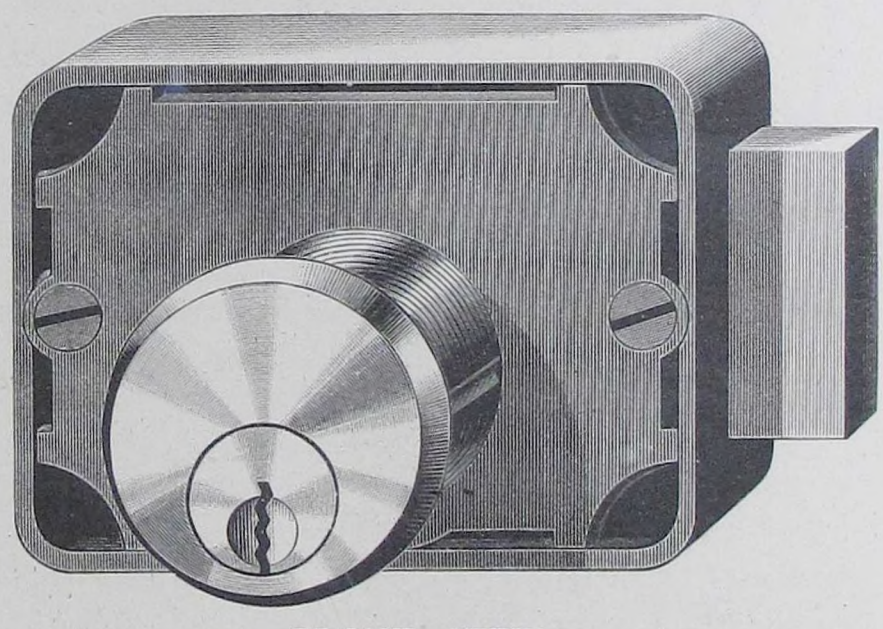
For Keys, see Key Section.

For Escutcheon locks, see page 519.

For Number Plates, see page 520.



BACK VIEW.



FRONT VIEW.

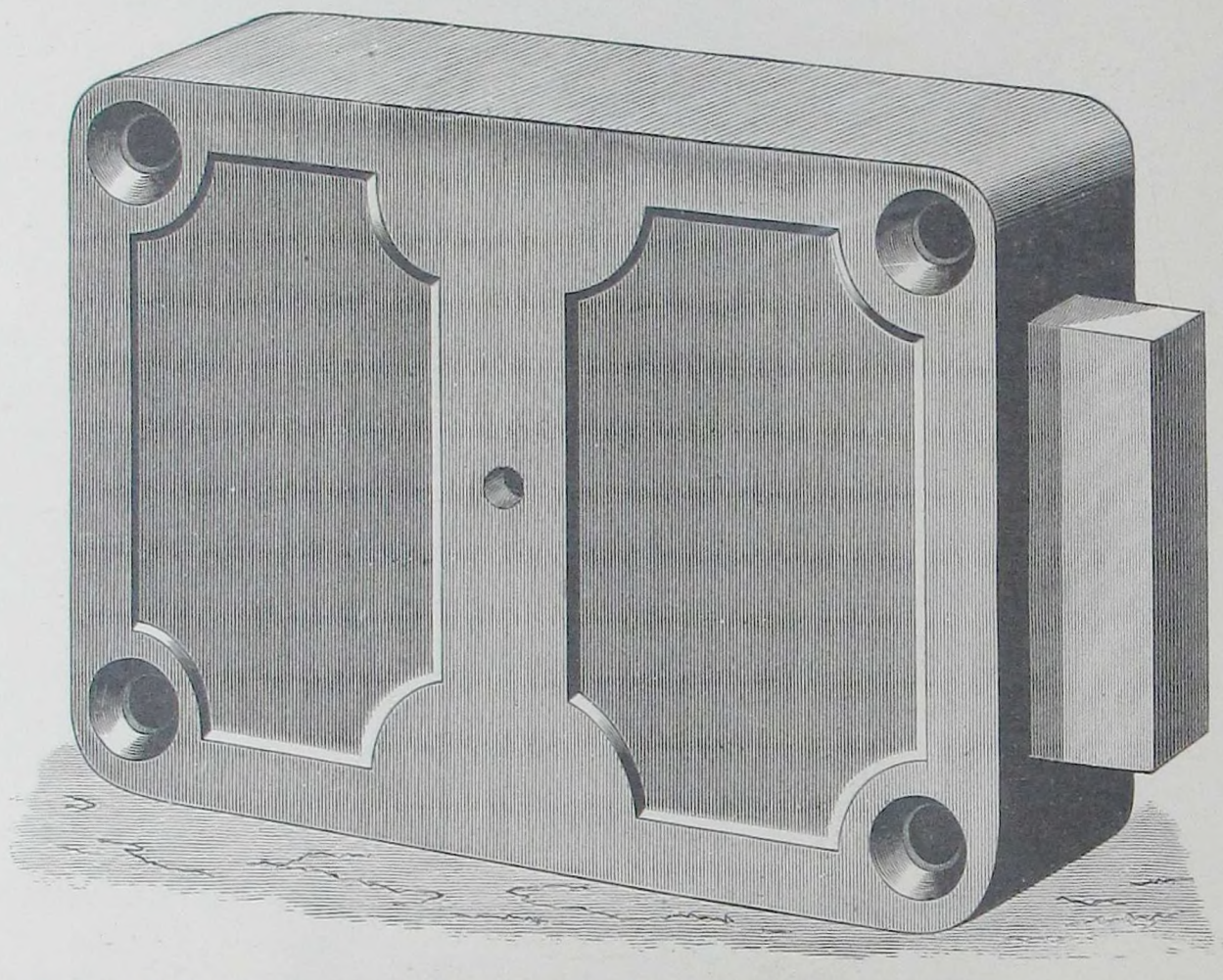
YALE SAFE DEPOSIT LOCKS, Nos. 204 to 207.

[SMALL PATTERN.]

STANDARD SUB-TREASURY LOCKS,

LARGE PATTERN.

WITH FLAT STEEL KEYS.



For Use upon doors of the boxes or safes of Safe Deposit Vaults, and of iron boxes in other Safes, Jewel Safes, etc., etc.

Adjustable, unless otherwise ordered, to doors ½ inch thick.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock with 2 (Class No. 60) keys, and all necessary screws, complete.

Heavy Bronze Bolt. **Four Tumblers,** of rolled Brass. **Size,** 3¼ ins. by 4½ ins.

DEAD BOLT.

No.	Case.	Nose.	Per Dozen.
3214	Japanned Iron.	Plated.	
3215	Japanned Iron.	Brass.	

SPRING BOLT.

3230	Japanned Iron.	Plated.	
3231	Japanned Iron.	Brass.	

Also made to order in full bronze cases. Prices on application.

For smaller sizes of locks of this class, see pages 517 and 518.

For Standard Double or Guarded Safe Deposit locks, see page 519.

For Yale Safe Deposit locks, see pages 511 to 515.

For Escutcheon locks, see page 519.

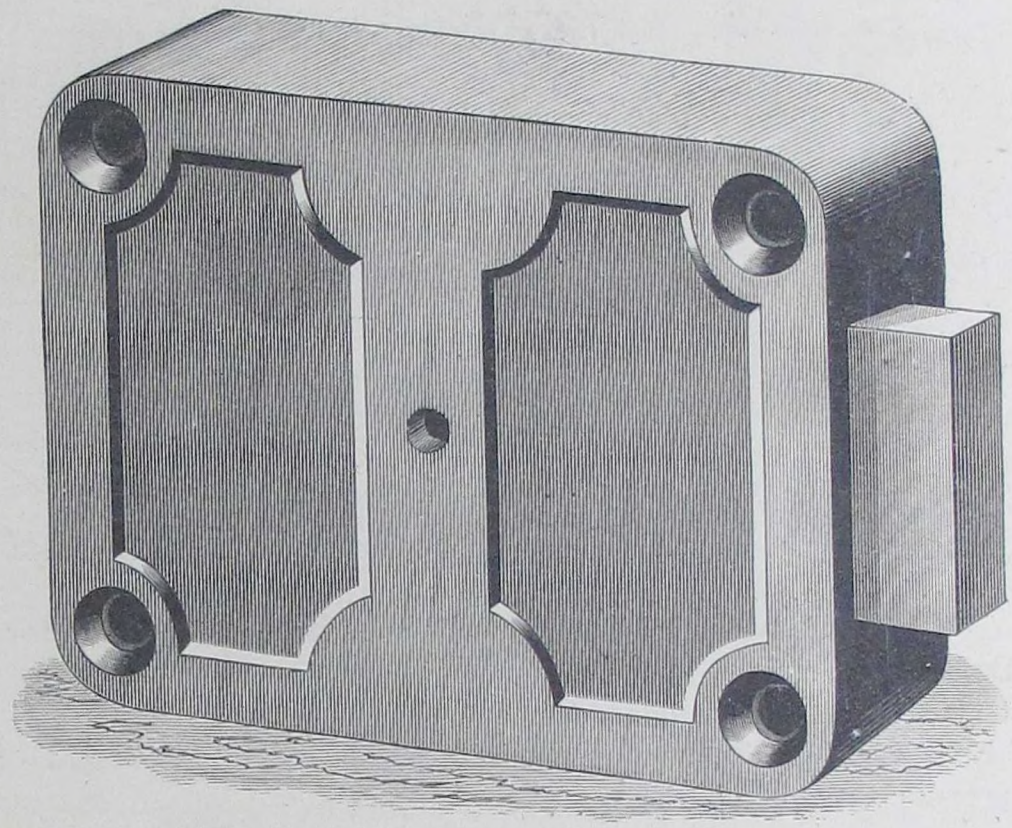
For Keys, see Key Section.

For Number Plates, see page 520.

STANDARD SUB-TREASURY LOCKS,

MEDIUM SIZE PATTERN.

WITH FLAT STEEL KEYS.



For Use upon doors of the boxes or safes of Safe Deposit Vaults, and of iron boxes in other Safes, Jewel Safes, etc., etc.

Adjustable, unless otherwise ordered, to doors ½ inch thick.

Right and Left. Can be adjusted at will both to right and left hand doors.

Packed, each lock with 2 (Class No. 61) keys, and all necessary screws, complete.

Heavy Bronze Bolt. **Four Tumblers,** of rolled Brass. **Size,** 2⅝ ins. by 3½ ins.

No.	Case.	Nose.	Per Dozen.
	DEAD BOLT.		
3212	Japanned Iron.	Plated.	
3213	Japanned Iron.	Brass.	
	SPRING BOLT.		
3228	Japanned Iron.	Plated.	
3229	Japanned Iron.	Brass.	

Also made to order in full bronze cases. Prices on application.

For larger size of locks of this class, see page 516.

For smaller size of locks of this class, see page 518.

For Standard Double or Guarded Safe Deposit locks, see page 519.

For Yale Safe Deposit locks, see pages 511 to 515.

For Escutcheon locks, see page 519.

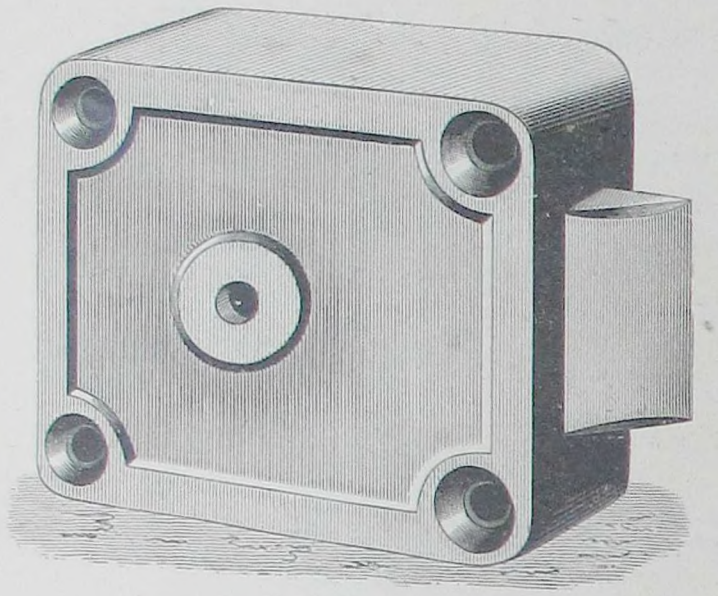
For Keys, see Key Section.

For Number Plates, see page 520.

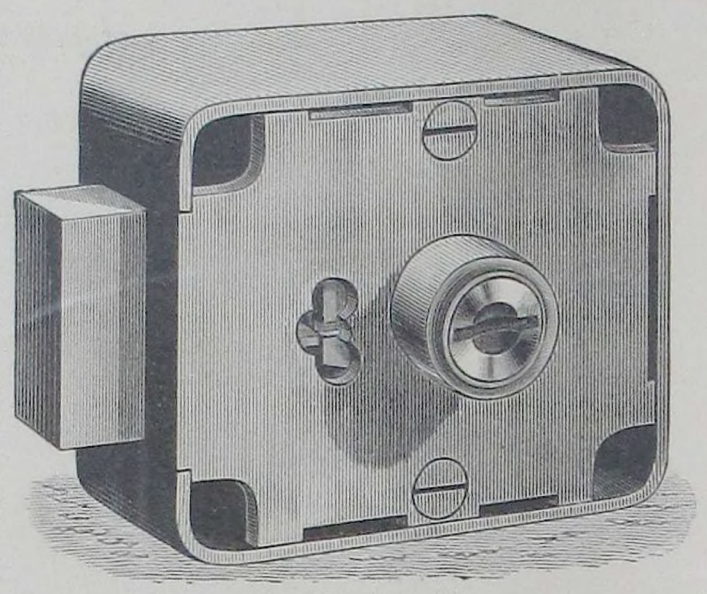
STANDARD SUB-TREASURY LOCKS.

SMALL PATTERN.

WITH FLAT STEEL KEYS.



Nos. 3222 and 3223.



Nos. 3206 and 3207.

For Use upon doors of the small boxes or safes of Safe Deposit Vaults, and of iron boxes in other Safes, Jewel Safes, etc., etc.

Adjustable, unless otherwise ordered, to doors ½ inch or less in thickness.

Noses. The noses of Nos. 3204, 3205, 3220 and 3221 are similarly located and of same construction as those on No. 3300 lock, page 519.

Right or Left. Nos. 3204, 3205, 3220 and 3221 are right or left according to order, but are **not adjustable** to right and left hand doors. See page 16.

Right and Left. Nos. 3206, 3207, 3222 and 3223 can be adjusted at will both to right and left hand doors.

Packed, each lock with 2 keys, (Class No. 54 for Nos. 3204, 3205, 3220 and 3221, and Class No. 62 for Nos. 3206, 3207, 3222 and 3223), and all necessary screws, complete.

Heavy Bronze Bolt.

Case, { Nos. 3204, etc., 2 ins. by 2¼ ins.
{ Nos. 3206, etc., 2 ins. by 2½ ins.

Each.	Tumblers.	Case.	Nose.	Per Dozen.
		DEAD BOLT.		
3204	Three.	Japanned Iron.	Plated.	
3206	Four.	Japanned Iron.	Plated.	
3205	Three.	Japanned Iron.	Brass.	
3207	Four.	Japanned Iron.	Brass.	
		SPRING BOLT.		
3220	Three.	Japanned Iron.	Plated.	
3222	Four.	Japanned Iron.	Plated.	
3221	Three.	Japanned Iron.	Brass.	
3223	Four.	Japanned Iron.	Brass.	

Also made to order in full bronze cases. Prices on application.

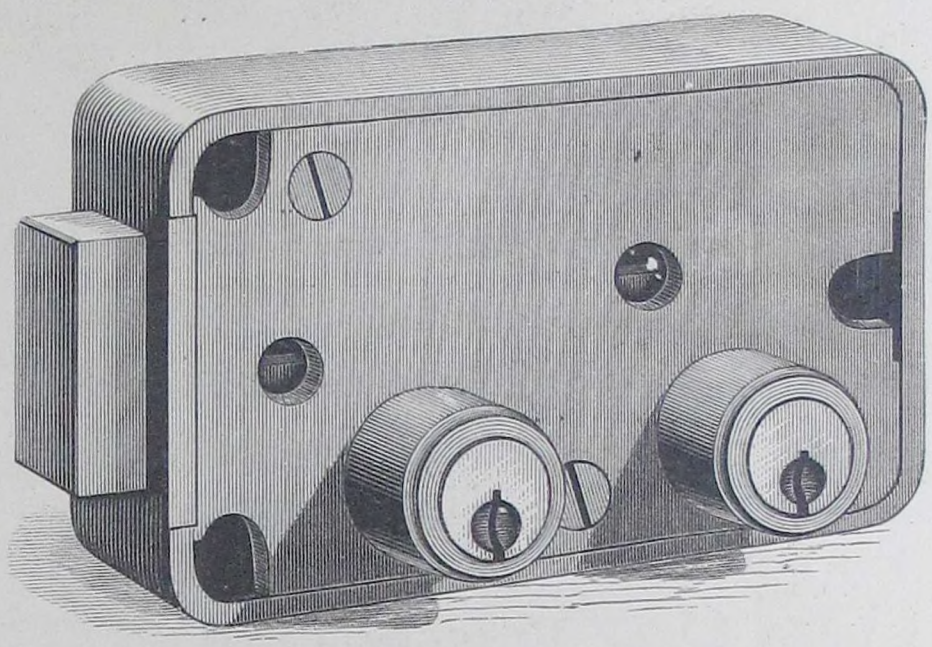
For larger sizes of locks of this class, see pages 516 and 517.
For Yale Safe Deposit locks, see pages 511 to 515.
For Standard Double or Guarded Safe Deposit locks, see page 519.
For Escutcheon locks, see page 519.
For Keys, see Key Section.
For Number Plates, see page 520.

STANDARD

DOUBLE or GUARDED

SAFE DEPOSIT LOCKS,

WITH FLAT STEEL KEYS.



Operated. The **main lock** by the person owning the box. The **guard lock** by the person in charge of the vaults, thus requiring **both keys** to be used to open the door.

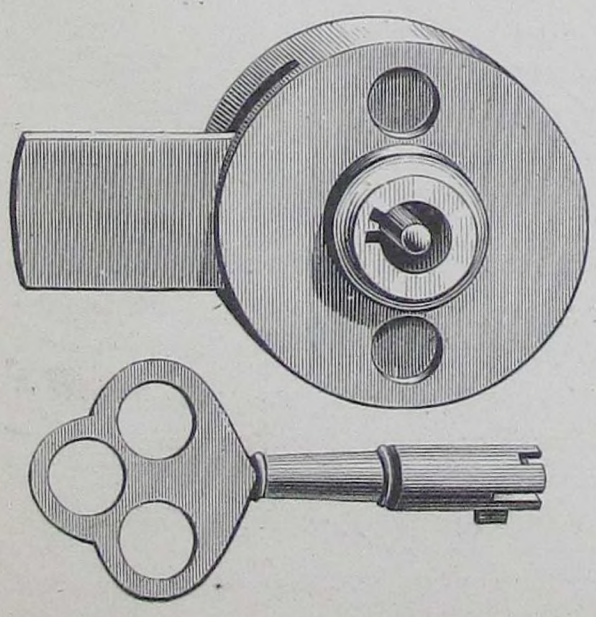
Packed, each lock with 2 (Class No. 54) keys, and screws, and as many keys for guard lock as may be needed.

Main Lock, Five Tumblers, of rolled Brass. **Guard Lock, Two Tumblers,** of rolled Brass.

Heavy Bronze Bolt. **Right** or **Left,** as ordered. (See page 16.) **Case,** 2 inches by 3⅛ inches.

No.	Case.	Nose.	Per Dozen.
3300	Japanned Iron.	Plated.	
3301	Japanned Iron.	Brass.	

Sets. In ordering specify how **Guard locks** are to be set up, whether with keys all alike, or in sets, and how many guard keys are required. **For Keys,** see Key Section.



ESCUTCHEON OR GUARD LOCKS.

These locks are designed for attachment to the outside of doors of Safe Deposit Boxes, etc., for the purpose of covering the key-holes of **ordinary locks,** and thus preventing the box renters from inserting their keys in other locks than their own, and as an **additional security** with even the best lock, since it insures the attendance of the person in charge of the vault.

Price, Each, in sets, to one key, - - - $

T HANDLES.

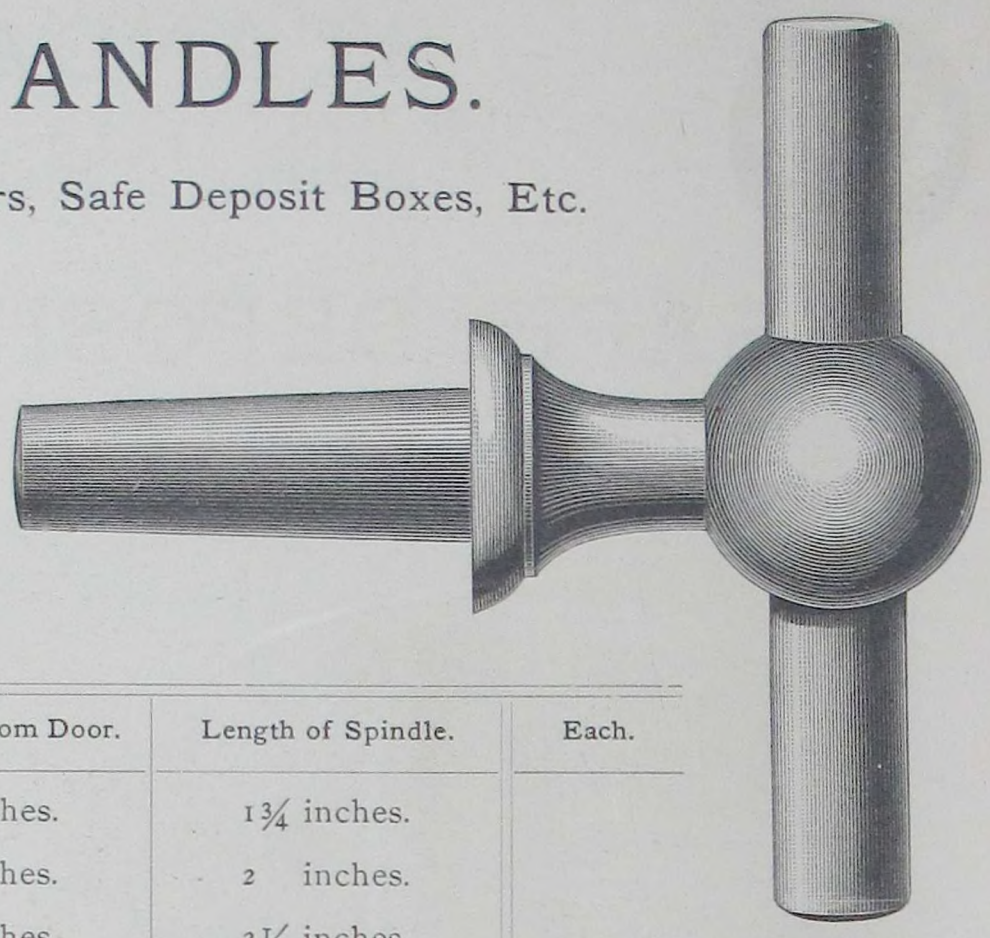
For Safe Doors, Safe Deposit Boxes, Etc.

Nickel-Plated brass heads.

Turned Steel taper spindles.

Diameter of Spindles, 5/8 inch at larger end.

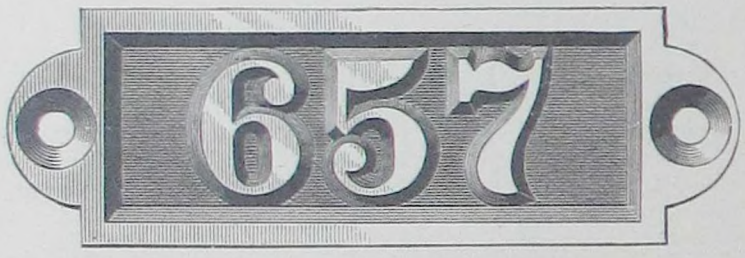
Spindles varied to order.



No. 1.

No.	Length of Bar.	Projection from Door.	Length of Spindle.	Each.
1	3 1/2 inches.	1 7/8 inches.	1 3/4 inches.	
2	3 7/8 inches.	2 1/8 inches.	2 inches.	
3	4 1/4 inches.	2 1/4 inches.	2 1/4 inches.	
4	4 1/2 inches.	2 1/2 inches.	2 1/2 inches.	

NUMBER PLATES.

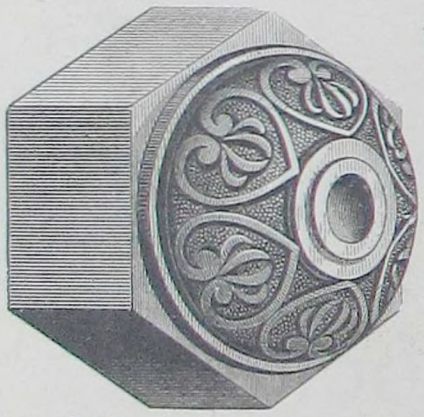


For Use on Safe Deposit Boxes, Church Pews, etc.

Material. Cast Brass, Nickel-Plated, with black panel.

Price, - - - - Each, $

CAPPED NUTS.

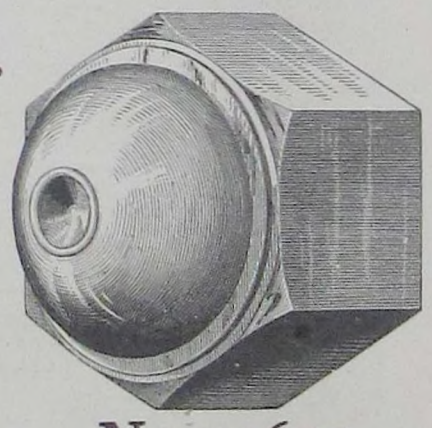


No. 1630.

Material, Real Bronze, Natural Color, unless otherwise ordered, see Finishes, page 14. Furnished also in Brass, if so ordered, at same prices.

Size, to take bolts 5/8 inches to 7/8 inches. Other sizes to order.

Threaded. When ordering send sample of bolt intended to be used with the nuts.



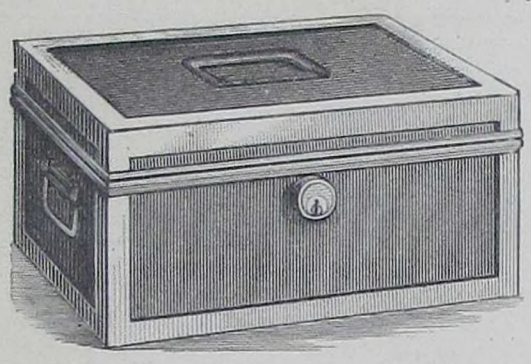
No. 1635.

No.	Style.	Per Dozen.
1630	Ornamental Bronze.	
1635	Plain Bronze, Nickel-Plated.	

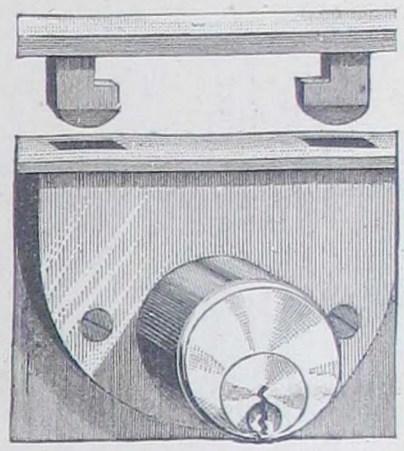
Drawer Locks for Safe Makers, see pages 273, 276 and 524.

TIN BOXES,

With Yale Corrugated Key Locks.



Box, with Yale Corrugated Key Lock.
Operated by Yale Corrugated Key, No. 7.



Lock used on Boxes. (½ Size.)
Actual Size, 2⅛ ins. by 3 ins.

POINTS OF EXCELLENCE.

Best and heaviest Tin Plate.

No two keys alike, (unless so ordered.)

Top, bottom and sides banded, producing a very strong box.

Yale corrugated key lock, giving great security, and great ease of operation.

Handsome finished body, Japanned maroon ; bands and handles, rich gold bronze.

Handles on ends are arranged with a stop, preventing them from being raised over one half.

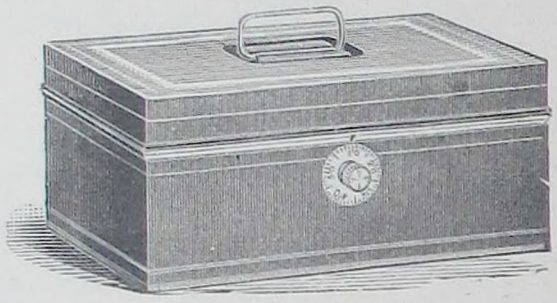
No	Outside Dimensions.			Per Dozen.
	Length.	Width.	Height.	
*40Y	12 inches.	5½ inches.	4 inches.	
10Y	10½ inches.	7½ inches.	4½ inches.	
11Y	11½ inches.	8 inches.	4¾ inches.	
12Y	12½ inches.	9⅛ inches.	6 inches.	
13Y	13½ inches.	10 inches.	6⅛ inches.	
14Y	14½ inches.	10½ inches.	6½ inches.	
15Y	15½ inches.	11 inches.	6¾ inches.	
16Y	16⅜ inches.	12 inches.	7⅛ inches.	
18Y	18½ inches.	13½ inches.	8½ inches.	
20Y	19¾ inches.	13¾ inches.	10¾ inches.	

*No. 40Y has lock and hinges on end. Any size made to order with the Yale corrugated key lock,

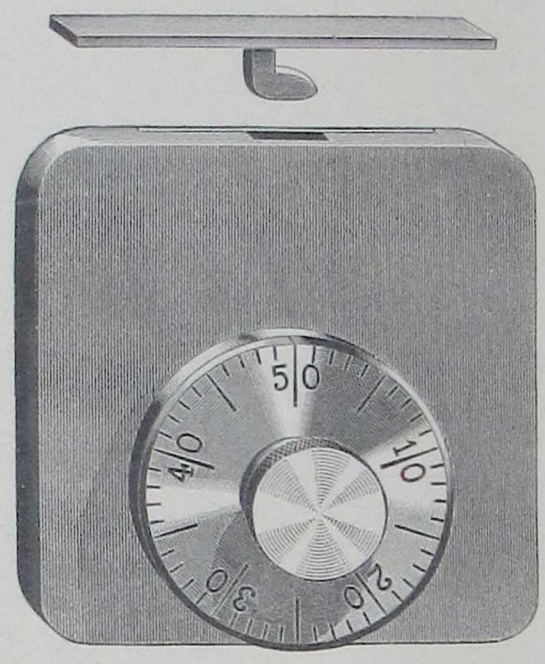
An imitation cherry rack will be furnished for displaying above boxes, when an order is given for a full set of boxes, at the nominal sum of $ each. **For Keys,** see Key Section.

TIN BOXES,

With Yale Combination Locks.



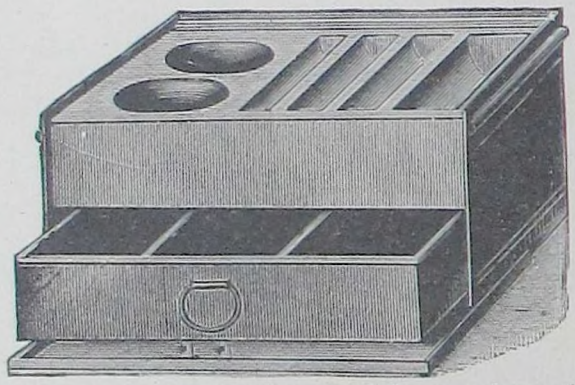
Box with Yale Combination Lock.



Yale Combination Tin Box Lock. (Full Size.)

A demand has long existed for tin boxes of good quality fitted with combination locks which shall be of good construction, of great security and easy to operate. This box combines these requisites, the general appearance being shown by the illustration above, and the sizes will be found on following page.

The lock has been designed with care and is made with great attention to quality of material and workmanship. These boxes are offered with the assurance that they will give every satisfaction both as to the lock and the box itself.



Open position, showing Cover and Front underneath.

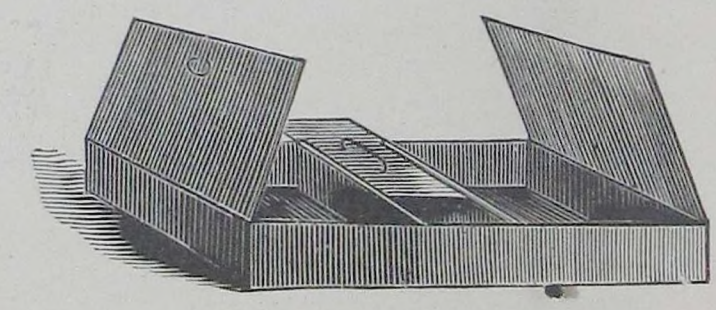
IMPROVED CASH BOX.

With Coin Till and Bill Drawer.

With Yale Combination lock.

Made in one size only.

Inside dimensions, 11 inches long, 8½ inches wide, 4¼ inches deep.



TRAY, (For Boxes.)

Packed and sold separately from Cash Boxes.

The middle compartment with slide is omitted from 8 and 9 inch Trays.

SIZES and GRADES

—OF—

TIN CASH AND BOND BOXES,

With Yale Combination Locks.

Inside Length.	Outside Dimensions.			Extra Heavy Grade.		Medium Weight.		Light Weight.	
	Length.	Width.	Depth.	List Number.	Per Dozen.	List Number.	Per Dozen.	List Number.	Per Dozen.
7 ins.	7⅜ ins.	4⅞ ins.	3 ins.			*7		*7	
8 "	8⅜ "	5¾ "	3⅛ "			*8		*8	
9 "	9½ "	6⅜ "	3¾ "	93		53		3	
10½ "	10⅞ "	7⅜ "	4¼ "	92		52		2	
11 "	11½ "	8⅜ "	5 "					111	
12 "	12⅜ "	8¾ "	5¼ "	91		51		1	
13 "	13½ "	9¼ "	6 "	13				113	
14 "	14½ "	10½ "	6¼ "	14					
15 "	15½ "	11¼ "	6¾ "	15				115	
16 "	16½ "	12 "	7 "	16				116	
18 "	18½ "	13½ "	8½ "	18				118	
20 "	20½ "	14¼ "	10¾ "	20					

*When ordering Nos. 7 or 8 specify weight desired.

Price of Improved Cash Box, with Yale Combination lock, (described on preceding page), made in one size only, - - - - - - - - - - - - - Per dozen, $

Price of Yale Combination Tin Box Locks, - - - - - - - - " "

SIZES OF TRAYS.

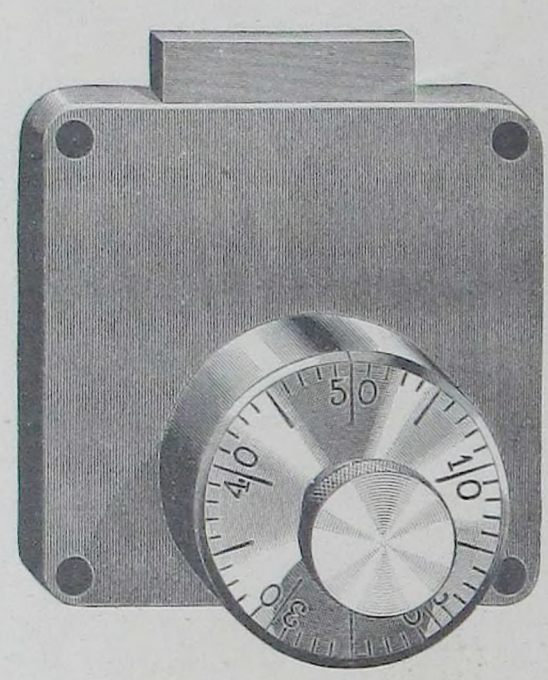
List Number.	Length.	For Boxes.	Per Dozen.	List Number.	Length.	For Boxes.	Per Dozen.
8	8 inches.	No. 8.		14	14 inches.	No. 14	
3	9 inches.	Nos. 93, 53, 3		15	15 inches.	Nos. 15, 115	
2	10½ inches.	" 92, 52, 2		16	16 inches.	" 16, 116	
1	12 inches.	" 91, 51, 1		18	18 inches.	" 18, 118	
13	13 inches.	" 13, 113		20	20 inches.	No. 20	

For Yale Combination Cabinet locks for Drawers and Cupboards, see page 524.

YALE

COMBINATION

CABINET LOCKS.



For Use on Drawers of all kinds, Cupboards, etc., etc.

Material, All Brass. Drop, 1⅜ inches. Case, 2 inches by 2 inches.

Length of Nose is measured from front of lock case to face of dial.

Right and Left. Can be applied at will both to right and left hand doors.

Packed, 1 dozen locks in a paper box, with screws, complete.

No.	Case.	Nose.	Length of Nose.	Each.
0160	Finished Brass.	Plated.	⅞ inch.	
0161	Finished Brass.	Brass.	⅞ inch.	

For Yale Combination Desk or Tin Box locks, see page 522.

For Yale Cabinet locks, see pages 134 to 157, For Standard Cabinet locks, see pages 270 to 284.

FOR
GENERAL INDEX,
See Page 5.

YALE

POST OFFICE

EQUIPMENTS,

LOCK BOXES,

ETC., ETC.

INDEX OF POST OFFICE EQUIPMENTS.

General,	Page 526	Postal Delivery Boxes,	Pages 532 and 533
Yale P. O. Lock Boxes,	" 527	Apartment House Boxes,	" 534 and 535
"Composite" P. O. Lock Boxes,	" 528	Hallway Letter Boxes,	" 536
Post Office Cabinets,	" 529	Street Letter Boxes,	" 537
Post Office Outfits, (Yale),	" 530	Inking Pads,	" 537
Post Office Outfits, (Standard),	" 531	Sundries,	" 538

YALE POST OFFICE LOCK BOXES, OUTFITS AND CABINETS.

The Yale Lock Boxes, invented and introduced by us, now embody the results of twenty years' experience, during which time we have manufactured and sold, under our numerous patents, many thousands of lock boxes, and have supplied them to thousands of post offices.

Commencing only with the manufacture of the metallic fronts and locks, the business soon necessitated provision for also making the wood-work of the boxes. Following this came requests for designs for the internal arrangement of post offices, and then for the furnishing of all the interior fittings and equipments. In this way a business was gradually developed and organized, which now completely occupies a large building, filled with the most modern wood-working machinery and producing the highest class of work. Its products include the panel-work, piers, pilasters, etc., which form the enclosing screen of a post office, the lock and call boxes, alphabetical cases, mailing tables, stamp drawers and, in short, everything needed to convert an empty apartment, whether large or small, into a **complete post office,** ready for use and equipped with every convenience suggested by a long and varied experience.

Designs and Estimates for complete post office "Outfits," or for postal equipments of any kind, large or small, will be promptly submitted, free of charge, on receipt of application stating necessary particulars.

Samples of lock boxes can be seen at any of our offices, and will be forwarded to any address for inspection.

Special Catalogues of Post Office Equipments, Lock Boxes, etc., will be forwarded to any address on application.

No. 1 Catalogue of Standard P. O. Cabinets.

No. 2 Catalogue of Standard P. O. Outfits.

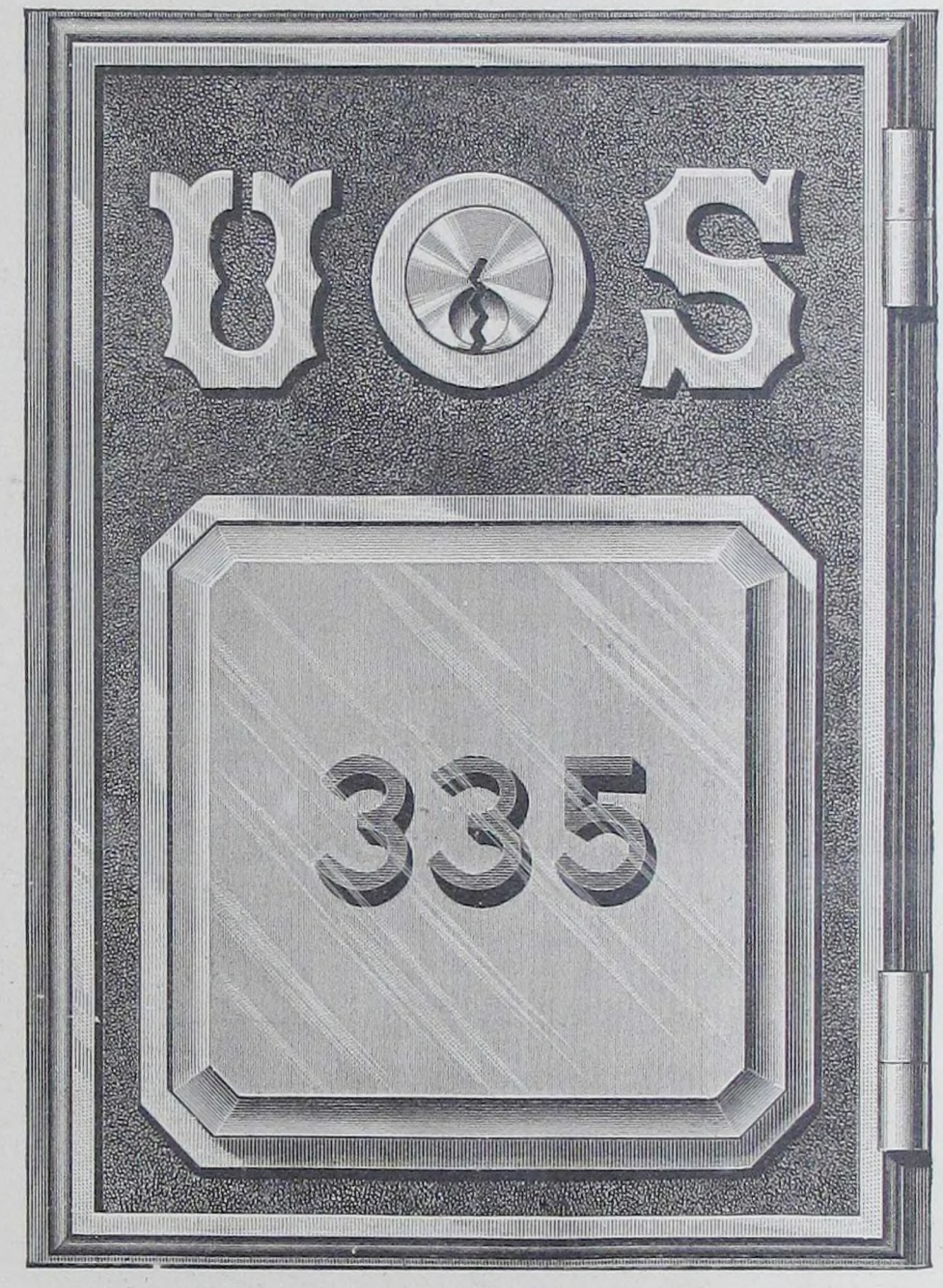
No. 3 Catalogue of Yale P. O. Equipments.

When writing for these catalogues specify, **Post Office Catalogues, Nos. 1, 2 or 3.**

YALE

POST OFFICE LOCK BOXES,

NEW MODEL.



YALE LOCK BOX NO. 3. (Actual Size.)

Description. This is composed of a finely finished bronze front, consisting of a door and frame hinged together, the latter being riveted to the wood-work forming the box or pigeon-hole. The door is secured by a new Yale lock, with corrugated key, so that the box-holder, by means of his key, can obtain the contents of his box at all times.

For other sizes of Lock Boxes and Drawers, see catalogues referred to on preceding page, Nos. 2 or 3.

THE NEW YALE "COMPOSITE" POST OFFICE LOCK BOX,

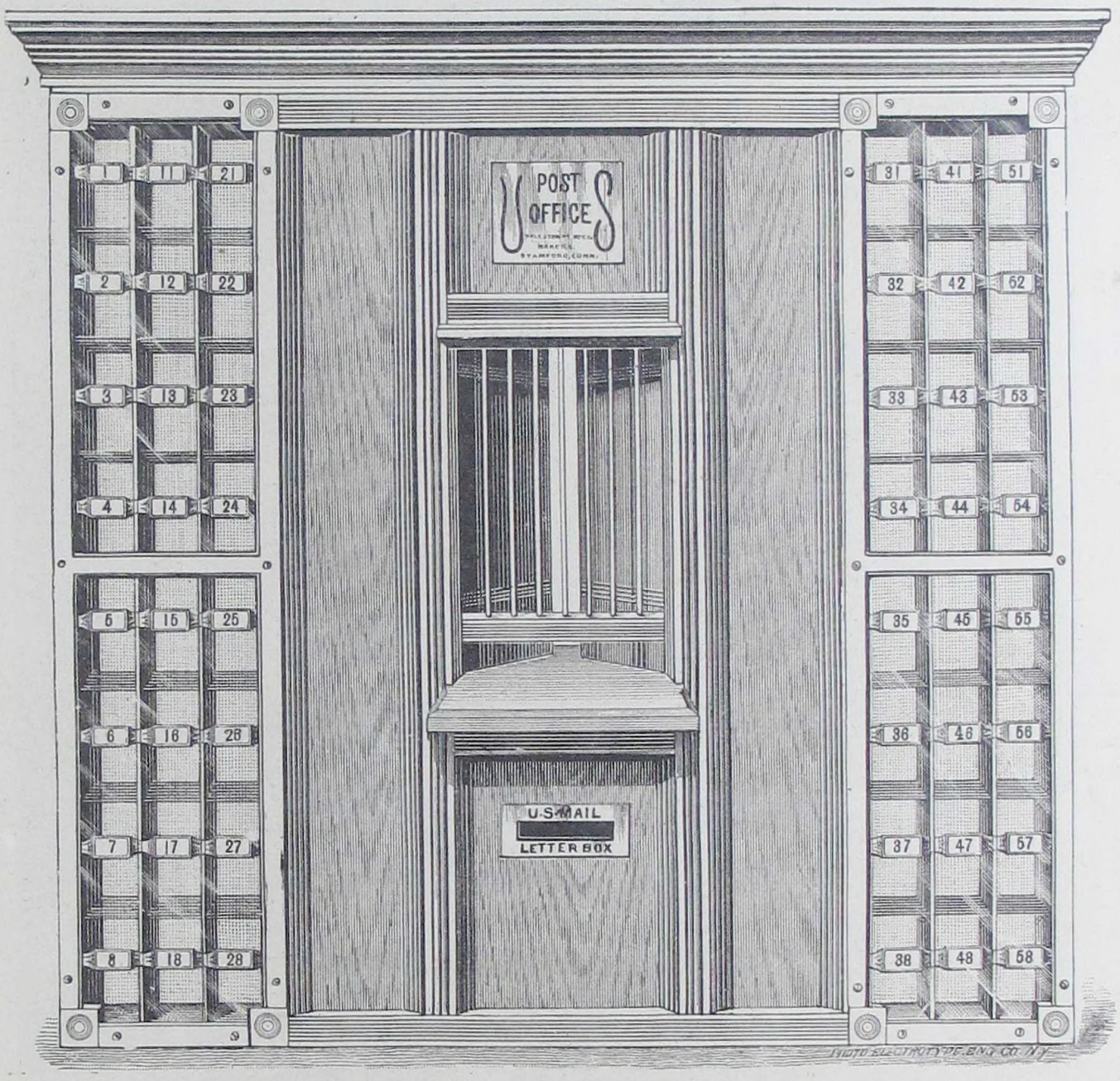
Description. The Yale (Real Bronze) Post Office Lock Box, so long and favorably known, is illustrated and described on page 527. In order to meet the demand for a lock box of cheaper construction, adapted to the use of post offices of the smaller sizes, we have designed the new "Composite," shown in the full size illustration above. Each of the Yale "Composite" Post Office Lock Boxes is furnished with a Yale lock and two corrugated keys.

For full information, see Catalogues Nos. 1 or 2, referred to on page 526.

THE YALE "STANDARD"

NEW STYLE

POST OFFICE CABINETS.

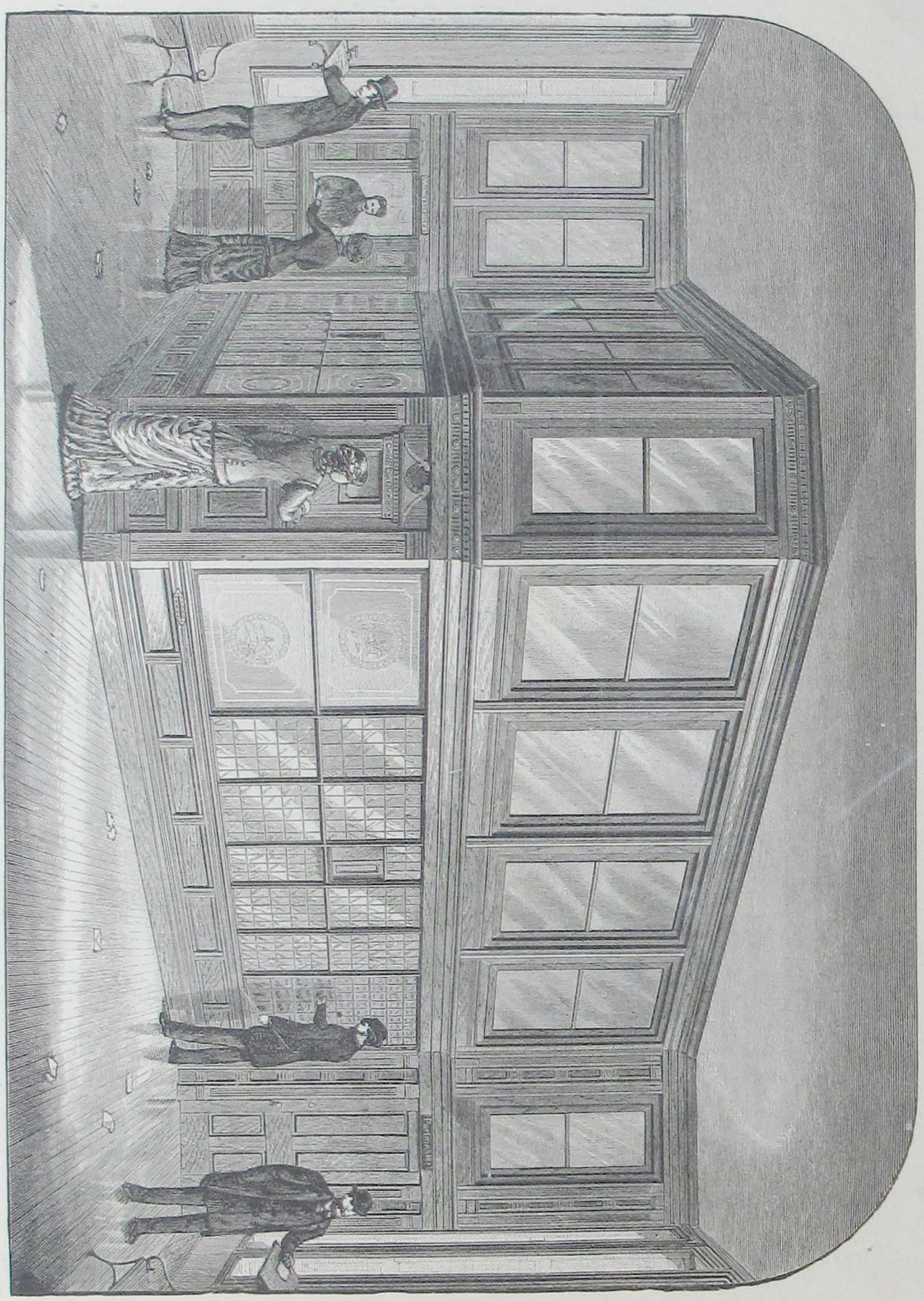


FRONT VIEW OF NO. 45 STANDARD P. O. CABINET.

For Use especially in Post Offices, but are well adapted for Hotels, Stores and Newspaper Offices.

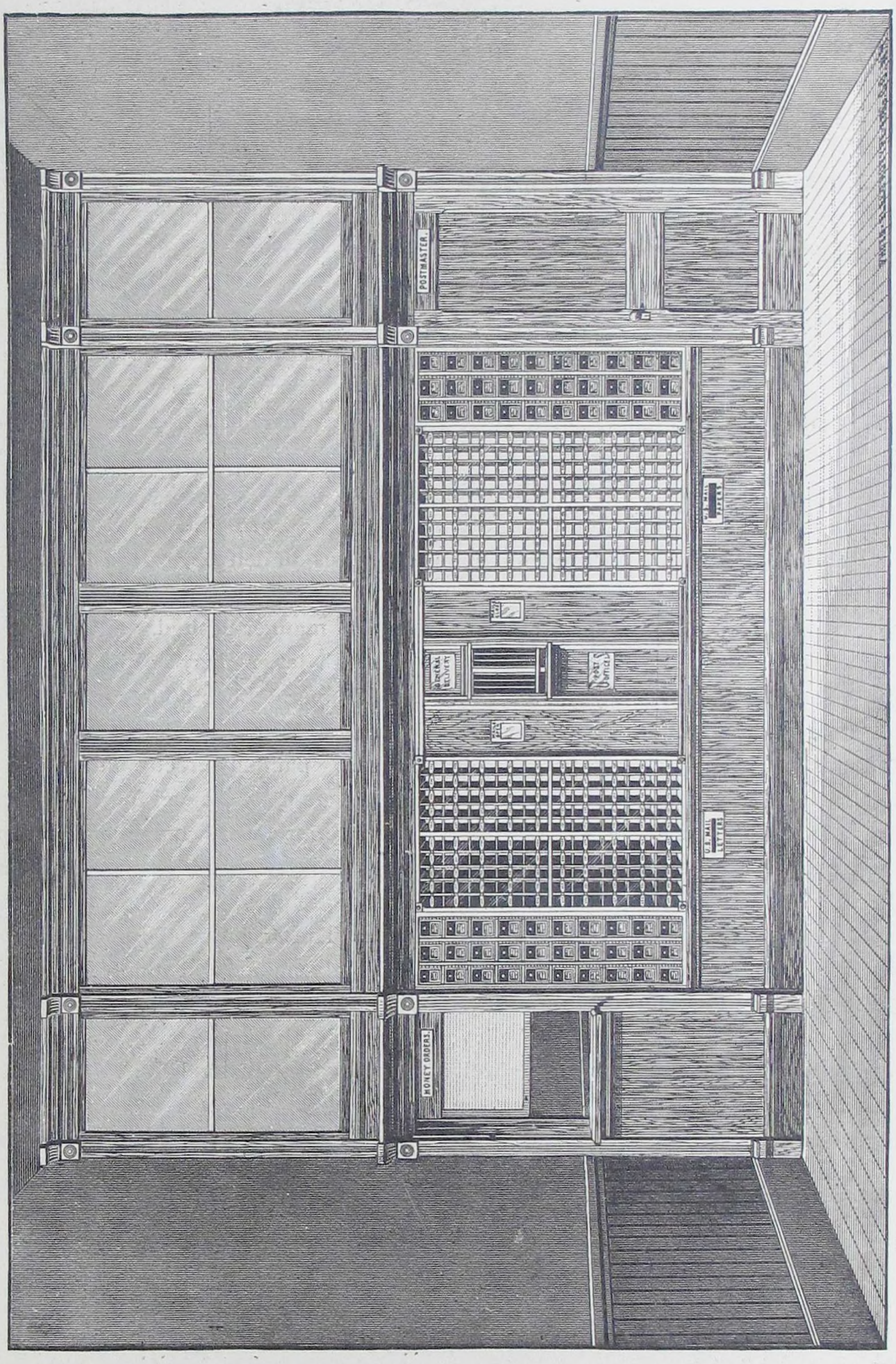
Description. The distinguishing feature of the new Standard Cabinets is that each is in itself an **entirely complete post office.** Each contains call boxes (numbered outside and inside), alphabetical boxes for general delivery, a delivery wicket, money drawer, drop-letter box, and pigeon holes for postal cards, stamped envelopes, advertised letters, etc. The purchaser has only to place the Cabinet in position on his counter to have a complete working post office, ready for business.

For full information, see Catalogue No. 1, referred to on page 526.



COMPLETE YALE POST OFFICE OUTFIT, DESIGN No. 3.

For full particulars, see Catalogue of Yale P. O. Equipments No. 3, referred to on page 526.



COMPLETE YALE "STANDARD" P. O. OUTFIT, No. 1208 / 30 R. L.

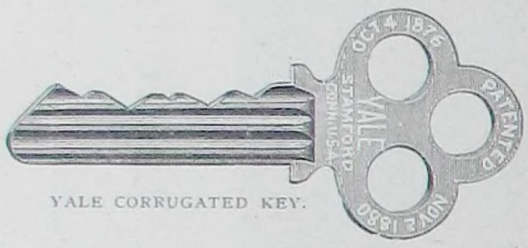
For full particulars, see Catalogue of "Standard" P. O. Equipments No. 2, referred to on page 526.

YALE

POSTAL DELIVERY BOXES.

THE YALE POSTAL DELIVERY BOXES are designed for use in Hallways or other convenient locations, in Office Buildings, Apartment and Club Houses, etc., in the larger cities, where the carrier system is in vogue, to facilitate the prompt delivery of correspondence, and to prevent mail matter from passing through the hands of unauthorized persons.

The fronts of these boxes are of solid bronze or brass, finished in the natural color, and present a handsome appearance. Each box is provided with a Yale lock with three corrugated keys of the size and shape of the illustration here given. Every lock is different, so that there is no danger of a key opening any other lock than the one for which it is designed.



YALE CORRUGATED KEY.

For additional protection, the keys of these boxes are made of a size differing from the regular Yale corrugated key. Extra keys will be furnished only to authorized parties, and can be obtained only of us on delivery of the key to be duplicated.

Referring to the cut on opposite page we show on lower row two of our No. 1P and on the upper row two of our No. 2P boxes. The boxes, however, may be nested in any manner desired.

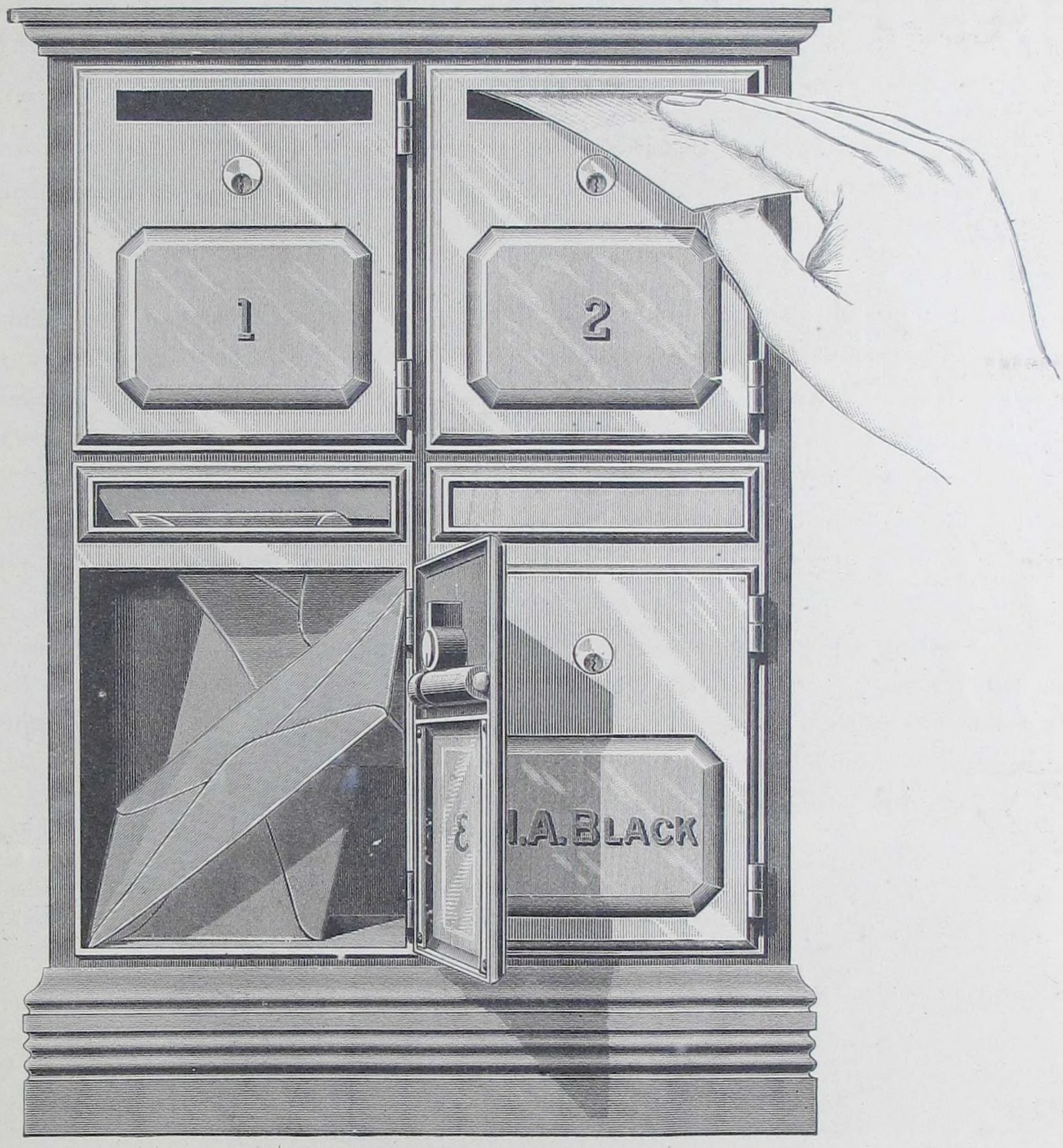
Above the lock in the large size box, is a flap, through which letters may be placed in the box by the carrier, and in the smaller box an opening or slit for the same purpose. Each door contains a beveled plate glass panel, which allows examination of the interior of the box, so that the owner can at a glance see what it contains, without opening the door. The number or name being painted directly on the glass, can always be readily seen. The boxes, when joined together in a nest, present a solid metal front, affording a complete protection to their contents, and security against theft. The interior wood-work may be of pine, or for a slight extra charge, cherry, walnut, ash, or other desired wood, while the outside or exposed parts may be of hard wood, uniform with the finish of the building in which they are placed.

The cut shows the boxes with plain bronze or brass fronts. The ornamental fronts are of same sizes as the plain fronts; differing in having a portion of the surface slightly sunken and stippled, with raised polished outlines around the glass, slit and margin.

In presenting these boxes to the public, we believe they are admirably adapted to supply a want which has hitherto been very incompletely met. The well-known security of the Yale locks, and the superior character of their construction, have obtained for our postal delivery boxes a prompt recognition of their utility and safety wherever they have been placed in use. Following are the sizes of the boxes, the depth of which may be altered to suit.

No.	Style.	Size. (Inside Measurements.)	Keys.	Each.
1	Ornamental Bronze.	7½ ins. high, 5 ins. wide, 10 ins. deep.	3	
1P	Plain Bronze or Brass.	7½ ins. high, 5 ins. wide, 10 ins. deep.	3	
2	Ornamental Bronze.	6 ins. high, 5 ins. wide, 10 ins. deep.	3	
2P	Plain Bronze or Brass.	6 ins. high, 5 ins. wide, 10 ins. deep.	3	
2½	Ornamental Bronze.	5¾ ins. high, 4¼ ins. wide, 10 ins. deep.	3	
2½P	Plain Bronze or Brass.	5¾ ins. high, 4¼ ins. wide, 10 ins. deep.	3	

A special Catalogue giving a list of names of the buildings where these boxes are in use, will be mailed on application.



YALE POSTAL DELIVERY BOXES.

YALE

APARTMENT HOUSE BOXES.

The present plan of arranging buildings so that each floor shall comprise in itself all the requirements of a complete house, has necessitated some means whereby communication may be had between the front door and each separate suite.

The illustration on opposite page represents a neat, compact and practical arrangement that combines all the requirements. The front of each box is made of either ornamental or plain bronze, and contains a bell pull, (or, if required, an electric push button) and mouth-piece to be connected with a speaking tube communicating direct to each suite of apartments. There is also a letter box for the occupant's mail, with door secured by a Yale lock and two corrugated keys, and over the door is a panel for his name.

At the top of the box a flap is provided through which mail can be dropped into the box, and at the bottom, on the door, is a heavy plate glass panel, with beveled edges, giving perfect insight to the interior of the box, and to prevent an accumulation of dust the boxes are provided with wire bottoms.

The outside wood-work around the metal boxes is of wood corresponding with the trim of the building in which they are placed.

The requisite number of these boxes, one for each suite of rooms, placed in the vestibule or lower floor of the apartment house or other building, will be found very convenient.

The dimensions of the boxes are as follows, not including outside wood-work :

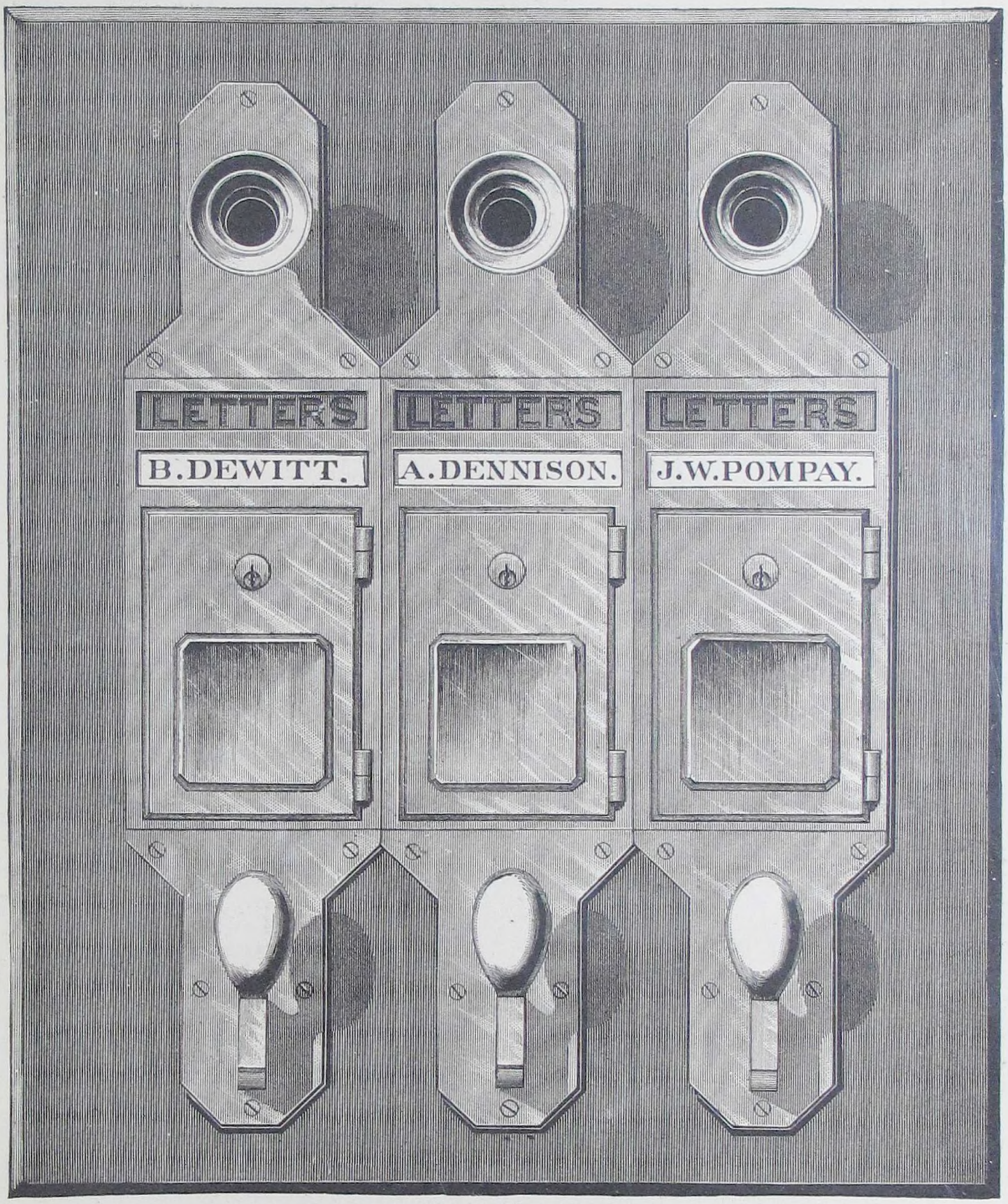
Inside dimensions of the boxes—8½ ins. high, 3⅜ inches wide, 2¾ inches deep.
Extreme width of Frame, - - - - - - - - - - - 4 inches.
Extreme height of Box, (including mouth-piece and pull or button), - 16⅝ inches.
Extreme height of mouth-piece, pull or button, - - - - - 4¾ inches.

Prices below include suitable panel of any desired wood, as shown in cut.

No.	Style.	Price, Of each Box, complete, with Mouth-piece and Bell Lever or Push Button	Price, Of each Box, with Mouth-piece only.	Price, Of each Box, with Bell Lever or Push Button only.	Price, Of Box only.
1	Ornamental Bronze.				
1P	Plain Bronze.				

Specify in order whether the boxes are desired with mouth-piece and bell lever, mouth-piece and push button, or with mouth-piece, bell lever, or push button only.

Furnished also in Brass, if so ordered, at same prices.



YALE APARTMENT HOUSE BOXES.

Electric Push Buttons substituted for Pulls when desired, at same prices.

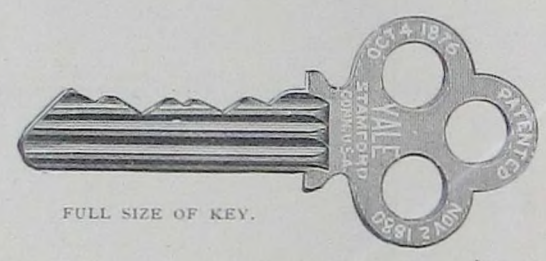
YALE

IMPROVED

HALLWAY LETTER BOXES.

These boxes are intended for use in hallways of Office Buildings, Apartment Houses, etc., and are coming into very general use in cities where the carrier system has been adopted. Also, if so ordered, may be furnished for use as collection boxes in Churches, in which case top will be solid, with a slot made in it of a size slightly larger than a silver dollar.

The box is very strong, being made of iron, cast in one piece. Security is guaranteed also by the use of a Yale lock with corrugated key. The flap at top can be raised and through the opening thus exposed letters may be dropped into the box. The grating at bottom enables any one to see at a glance, without opening his box, whether it contains any mail or not. The attachment of the box to the wall is very simple, secure and easy.



FULL SIZE OF KEY.

ADVANTAGES.

Safety and promptness in delivery of the mail.

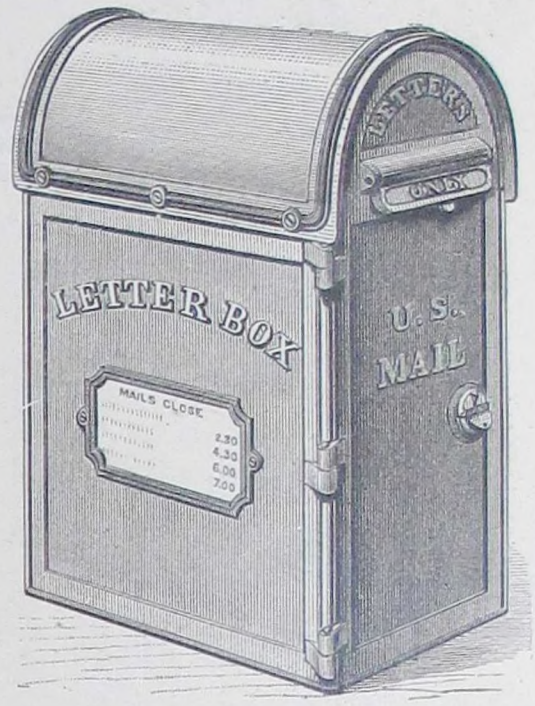
Prevention of delivery of mail to unauthorized persons.

An established place where any letters received may always be found.

No.	Style.	SIZES.			Keys.	Each.
		Deep.	Wide.	High.		
2	Japanned Iron.	3 inches.	7 inches.	11 inches.	2	
	Iron, Bronzed.	3 inches.	7 inches.	11 inches.	2	
	Real Bronze.	3 inches.	7 inches.	11 inches.	2	
3	Japanned Iron.	2 inches.	5 inches.	8 inches.	2	
	Iron, Bronzed.	2 inches.	5 inches.	8 inches.	2	
	Real Bronze.	2 inches.	5 inches.	8 inches.	2	

YALE
STREET LETTER BOXES

FOR THE COLLECTION OF LETTERS.



These boxes are for use in streets, public buildings, and the hallways of post offices. The door of each box is secured by a **Yale lock.** The panel on the side is intended for a mail calendar, stating the hours for closing of mails, and is so arranged that the card can be conveniently changed when desired. The boxes are of iron, neatly painted, of ornamental appearance, and are very secure.

APPLICABLE TO POSTS OF ANY SIZE, OR FLAT WALLS OF BUILDINGS.

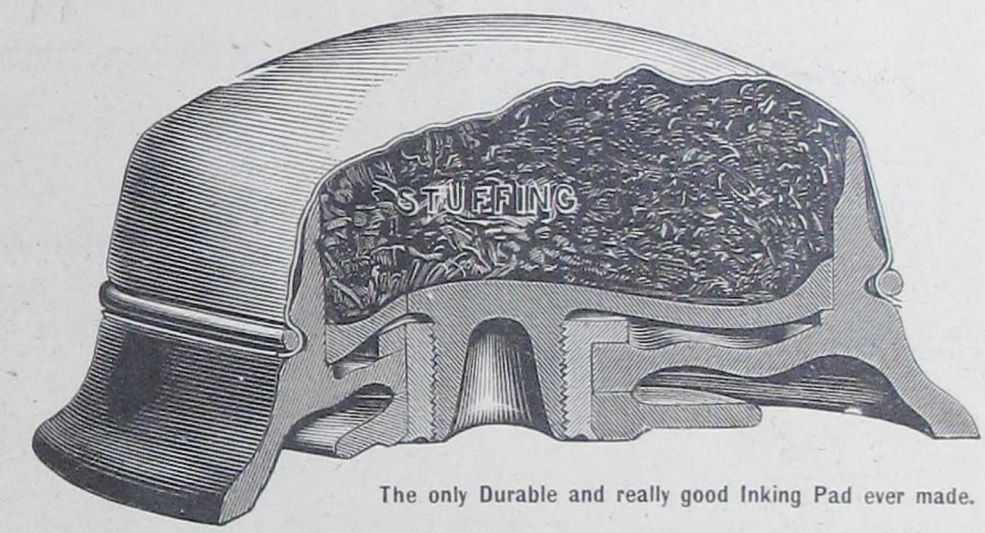
No. 1. 23 inches high by 10½ inches wide, by 14 inches long, complete, with Yale lock, and 2 corrugated keys, - - $

No. 2. 18 inches high, by 10½ inches wide, by 14 inches long, complete, with Yale lock, and 2 corrugated keys, - - $

YALE INKING PAD.

(PATENTED.)

The Pad is filled with a superior ink, which will not dry up or gum, but is always fresh and ready for use. By turning a small wheel at the bottom the ink is compressed and forced through the covering, so that the quantity of ink taken by the stamp can be regulated to a nicety. Being wholly of metal it will last a lifetime. It is provided with a neat metal cover, which, when not in use, protects it from dust. We keep a stock on hand, and all orders are promptly filled on receipt of price. The pad as sold is **inked** ready for use, and will make at least 150,000 stamps without refilling.



The only Durable and really good Inking Pad ever made.

Printed directions for renewing are packed with every Pad, by following which any one can re-ink the Pad without difficulty. In large offices where several Pads are in use, and where they require frequent refilling, we advise the use of a syringe which we make for the purpose, by means of which a Pad can be re-charged thoroughly in a few minutes with very little labor.

PRICE.

The Yale Inking Pad, boxed, - - - - - - $; postage,

Syringe for Inking Pad, finished brass, - - - - - ; postage,

Cloth Covers, by mail, prepaid, - - - - - -

STAMPING INK.

Good Ink is a most essential thing for a hand stamp, provided you have a good pad to use it with. The latter we have provided in the Yale Inking Pad, and we now offer a most superior quality of stamping ink, made expressly for the purpose. **This ink will not gum,** is thin, dries quickly on the paper, and will last longer on the pad than any other. To insure distinct postmarks keep your stamps clean.

PRICE.

(Inks are not Mailable.)	Pint.	Quart.	Gallon.
Black, - - - - - - - - - -	$	$	$

POST OFFICE SUNDRIES.

LOCK BOXES, CALL BOXES,

POSTAL DELIVERY BOXES,

NUMBER PLATES, NAME CLIPS,

ALPHABETICAL CASES,

DIRECTION PLATES OR SIGNS, LETTER DROPS,

AUTOMATIC DRAFT-EXCLUDING WICKETS,

MAILING TABLES, POSTAL BAG RACKS,

INKING PADS,

STAMPING INKS, INKING PAD SYRINGES,

RUBBER STAMPING PADS,

MONEY ORDER STAMPS, REGISTERED LETTER STAMPS,

RUBBER AND METAL CANCELING STAMPS,

POSTMARKING STAMPS, POST OFFICE SCALES,

STREET LETTER BOXES,

And Everything Required for the Complete Equipment of a Post Office.

For Prices see Special Catalogues of Post Office Equipments, referred to on page 526, which will be furnished on application.

FOR
GENERAL INDEX,
See Page 5.

PRODUCTS

—OF THE—

WESTON CRANE COMPANY.

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WESTON'S CRANES, HOISTS AND PULLEY BLOCKS.

In 1875 this Company acquired sole control of the patents covering the well-known Weston Differential Pulley Blocks, and have since been the sole makers of them in the United States. Thomas A. Weston, Esq., Mechanical Engineer, whose invention of the Differential Pulley Block has practically added a new mechanical power to man's appliances and has made his name familiar to engineers all over the world, has for many years devoted himself to the study of Hoisting Machinery as a specialty. His work has resulted in a series of important inventions and improvements in hoisting appliances of all kinds, from the smaller Lifts, Crabs and Winches, to the largest Derricks, Jib and Traveling Cranes.

All of these inventions are now controlled by this Company, in whose products they are embodied, together with the results of the combined work of several other skilled inventors and engineers, continued uninterruptedly during a number of years and aided by the resources of a large establishment, the whole directed to the development of Hoist and Crane building as a distinct specialty.

Absolute safety, both to the person and to the load, is the most important feature in all of these machines. In addition they possess simplicity, smoothness of action, facility for change of speeds and other advantages (according to the use for which they are intended) which render them the safest, most effective and most convenient machines of their respective kinds which have ever been made.

A catalogue of "Light Hoists" and also an illustrated "Album of Crane Designs," will be furnished on application.

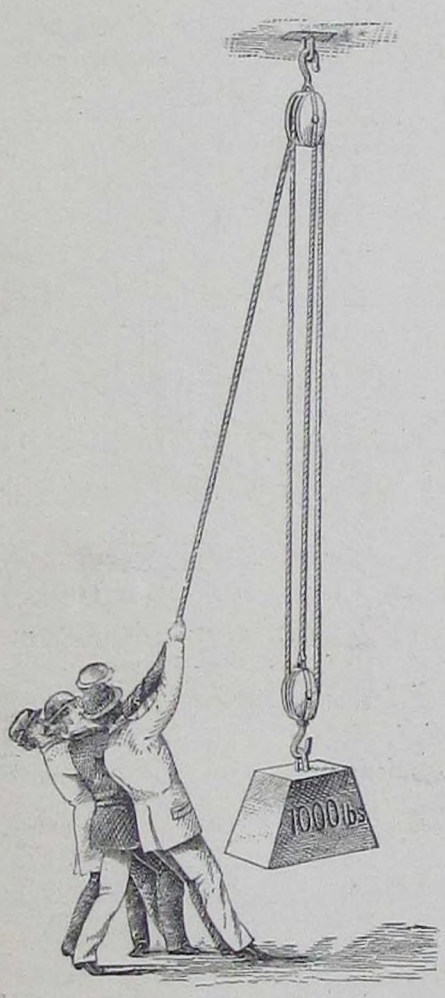
ESTIMATES PROMPTLY SUBMITTED ON RECEIPT OF PARTICULARS.

WESTON'S DIFFERENTIAL PULLEY BLOCKS.

Weston's Differential Pulley Block, having now been in use for more than twenty-five years, and being now known throughout the entire civilized world wherever modern machinery is used, needs no extended description.

For those who, although they know the Differential Pulley by name, are not familiar with the principle of its operation, this may be generally described as follows :

The upper block contains a double-grooved pocketed sheave, one groove of which is of less diameter and has fewer pockets than the other, and the chain is so rove that of its two parts which carry the load, one passes on to the large groove and the other on to the small groove, but from opposite sides. It follows that when the sheave is rotated in one direction the large groove is winding up the chain, while the smaller is lowering. But the large sheave takes in the chain faster than the small one pays it out, and the load, therefore, rises a distance corresponding to the difference between the two grooves, or according to the excess in the number of pockets in the large groove, over those in the small groove. Reversing the motion causes lowering, in like manner. Under all circumstances, however, the load will remain suspended and will not run down.



Old Tackle.

Weston Tackle.

The distinguishing features of the Weston Block are:

First—Its absolute simplicity, inasmuch as the block contains the fewest possible parts.

Second—Owing to the fewness of its parts, and their solidity, it is practically impossible to get the block out of order. The block can be subjected to great abuse, such as leaving it out of doors, or to other ill-treatment which would destroy other machines, and still it will do its work.

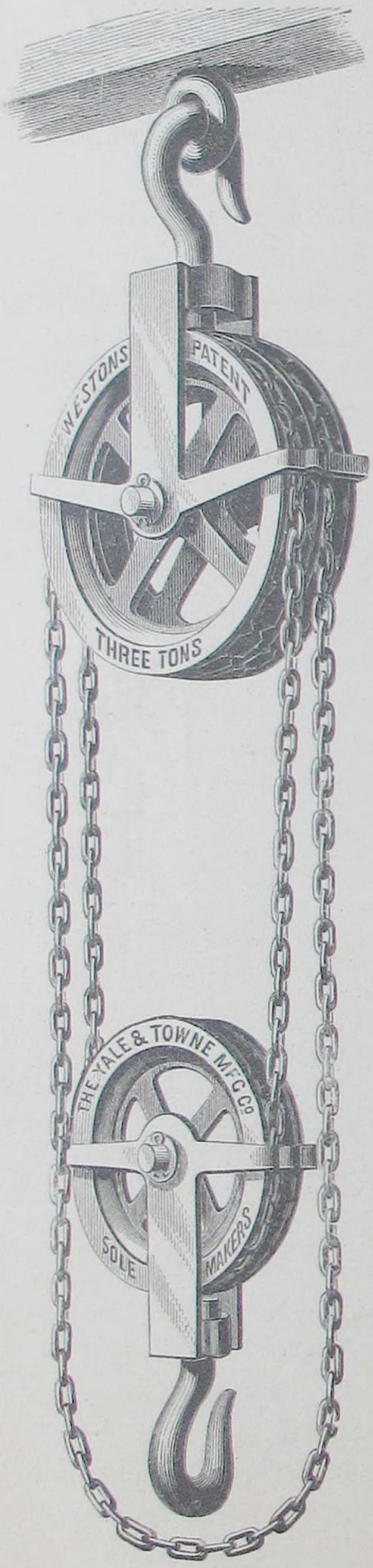
Third—Its great portability and non-liability to derangement from being thrown about; and

Finally—The fundamental character of this block as a machine is recognized by the fact that all the recent text books on mechanics give it a place among the other mechanical powers.

This Company has now been manufacturing the block for more than twelve years, and has constantly endeavored to improve its construction. We have had the assistance and advice of the inventor, Mr. Thos. A. Weston, during all this time, and we present the Weston Differential Blocks, both plain and geared, as now made by us, as the best embodiment of this indispensible mechanical power which has ever been offered.

For sizes, see pages 542 and 543.

WESTON'S DIFFERENTIAL PULLEY BLOCKS, "DIRECT."



One man can lift 1,000 pounds.

They hold the load at any point, and cannot run down.

Lifting and lowering effected by pulling opposite sides of the slack chain.

SIZES OF "DIRECT" BLOCKS.

Capacity.	Price, Complete with regular length of Chains. Boxed.	Chain. Regular Length.	Chain. Extra Chain. Per Foot.	Hoist. See note.*	Net Weight. Complete.
⅛ Ton.		18 feet.		5 feet.	11 lbs.
¼ Ton.		22 feet.		6 feet.	22 lbs.
½ Ton.		26 feet.		7 feet.	30 lbs.
1 Ton.		30 feet.		8 feet.	51 lbs.
1½ Tons.		33 feet.		8½ feet.	81 lbs.
2 Tons.		36 feet.		9 feet.	122 lbs.
3 Tons.		38 feet.		9½ feet.	173 lbs.

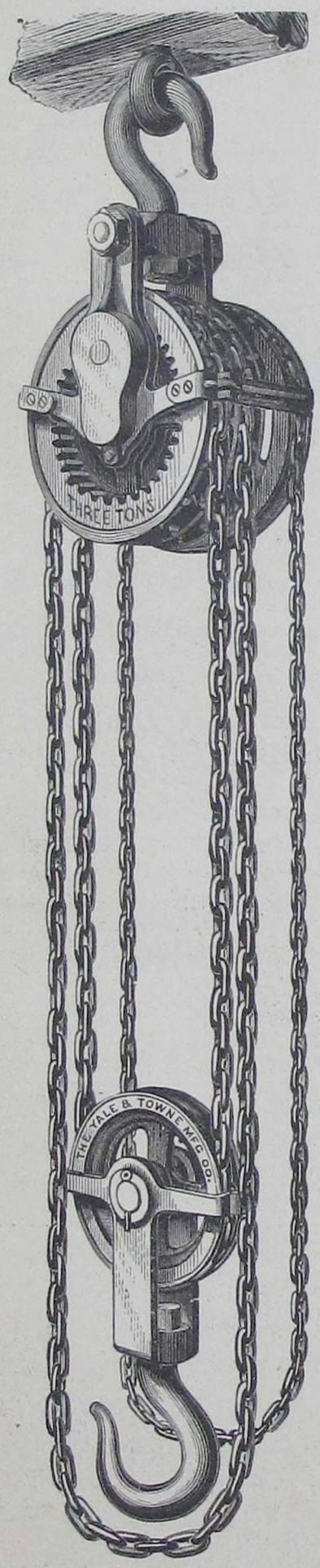
Extra Length of Chains. Allow about 4 feet of Chain for each foot of extra hoist.

*NOTE.—Figures in fifth column denote approximate height which blocks, with regular lengths of chain, will hoist from level on which operator stands.

"DIRECT" PULLEY BLOCK PARTS.

Capacity.	Sheaves, Each. Top.	Sheaves, Each. Bottom.	Yokes with Hooks, Each. Top.	Yokes with Hooks, Each. Bottom.	Pins, Each. Top.	Pins, Each. Bottom.
⅛ Ton.						
¼ Ton.						
½ Ton.						
1 Ton.						
1½ Tons.						
2 Tons.						
3 Tons.						

WESTON'S DIFFERENTIAL PULLEY BLOCKS, "GEARED."



One man can lift from **2,000** to **5,000** pounds.
They hold the load at any point, and cannot run down.
Easy and smooth in action—light and convenient to handle.

SIZES OF "GEARED" BLOCKS.

Capacity.	Price, Complete with regular length of Chains. Boxed.	CHAINS. Regular Lengths. Main Chain.	CHAINS. Regular Lengths. Hand Chain.	Price, Extra Main Chain. Per Foot.	Hoist, See note.*	Net Weight, Complete.
1 Ton.		22 feet.	16 feet.		8 feet.	62 lbs.
2 Tons.		24 feet.	18 feet.		9 feet.	109 lbs.
3 Tons.		26 feet.	20 feet.		10 feet.	159 lbs.
4 Tons.		28 feet.	22 feet.		11 feet.	257 lbs.
5 Tons.		30 feet.	24 feet.		12 feet.	324 lbs.
6 Tons.		32 feet.	26 feet.		13 feet.	493 lbs.
8 Tons.		36 feet.	28 feet.		14 feet.	735 lbs.
10 Tons.		40 feet.	30 feet.		16 feet.	1054 lbs.

Extra Length of Chains. For each foot of extra hoist allow 2½ feet of Main Chain, and 2 feet of Hand Chain.

Extra Hand Chain, - - Per foot, cents.

*NOTE.—Figures in sixth column denote approximate height which blocks, with regular lengths of chain, will hoist from level on which operator stands.

"GEARED" PULLEY BLOCK PARTS.

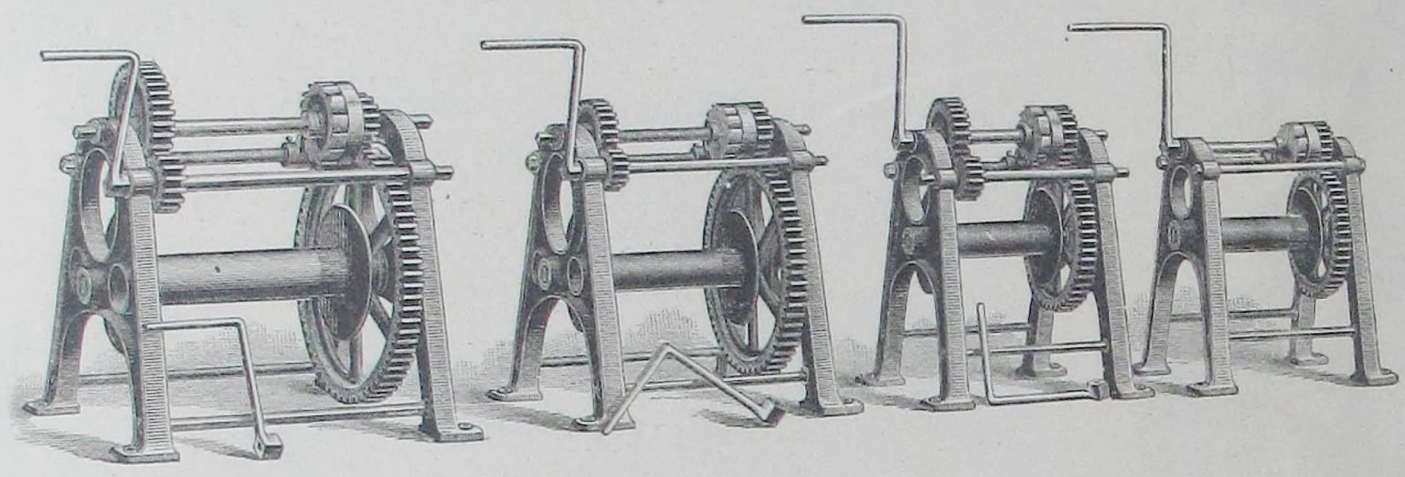
Capacity.	Sheaves, Each. Top.	Sheaves, Each. Bottom.	Yokes with Hooks, Each. Top, Without Gear.	Yokes with Hooks, Each. Bottom, Complete.	Gear, Each	Hand Wheels, Each.
1 Ton.						
2 Tons.						
3 Tons.						
4 Tons.						
5 Tons.						
6 Tons.						
8 Tons.						
10 Tons.						

WESTON'S

PATENT

SAFETY HOISTING CRABS.

The Handles of these Crabs cannot Fly Back.



No. 25. No. 23. No. 22. No. 21.

In the **Weston Crab** the handles cannot recoil on the operator, nor the load "run away." The load is always **self-sustained** by the automatic action of the Patent Safety Brake, so that the handles may at any time be "let go," in which case the load will remain suspended and will not run down. To lower the load with a Weston Safety Crab the handles must be turned backwards. They and the load will both come to rest if this motion is discontinued or the handles are let go.

The flying back of the handles of common Crabs is constantly causing serious, and sometimes fatal, accidents.

If rapid lowering under control of brake is desired, any of our Crabs can be furnished with a supplemental strap brake in addition to safety brake, or can be adapted to use in an inverted position. Prices on application.

No.	Regular Size of Barrel.		Capacity.		Changes of Speed.	Price.	
	Diameter.	Length.	Direct on Barrel.	With Single Barrel.		With Regular Length of Barrel.	Extra for each 6 inches of Barrel.
21	4½ inches.	12 inches.	½ Ton.	1 Ton.	One.		
22	5 inches.	16 inches.	1 Ton.	2 Tons.	Two.		
23	6 inches.	20 inches.	1½ Tons.	3 Tons.	Two.		
25	7 inches.	24 inches.	2½ Tons.	5 Tons.	Two.		

Regular sizes always in stock. Special sizes promptly made to order.

With Wheel in place of handles, so that the Crab can be used over a hatchway and operated by a hand-rope or chain from below; furnished at same price, if so ordered.

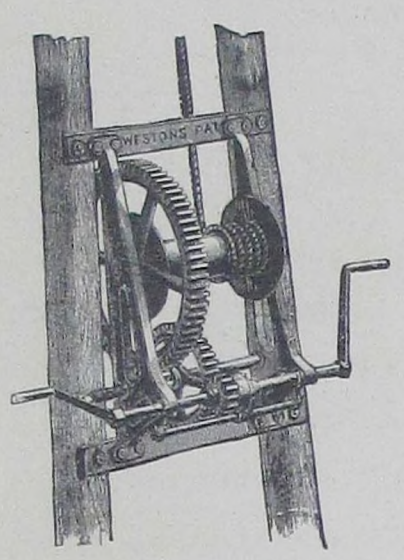
Capstan Barrel furnished in place of straight barrel, without extra charge.

WESTON'S

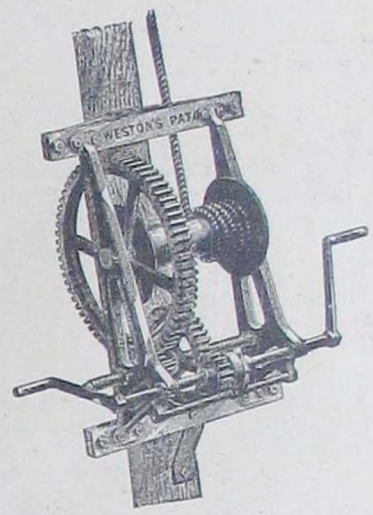
PATENT

SAFETY DERRICK WINCHES.

The Handles of these Winches cannot Fly Back.



No. 33.
For Double Shear Poles.



No. 33.
For Single Shear Poles.

For Use only where the pull of the rope is vertical, either up or down.

In the **Weston Winch** the handles cannot recoil on the operator, nor the load "run away." The load is always **self-sustained** by the automatic action of the Patent Safety Brake, so that the handles may at any time be "let go," in which case the load will remain suspended and will not run down. To lower the load with a Weston Safety Winch the handles must be turned backwards. They and the load will both come to rest if this motion is discontinued or the handles are let go.

The flying back of the handles of common Winches is constantly causing serious, and sometimes fatal, accidents.

If rapid lowering under control of brake is desired, any of our Winches can be furnished with a supplemental strap brake in addition to safety brake. Prices on application.

No.	Regular Size of Barrel.		Capacity.		Changes of Speed.	Price.	
	Diameter.	Length.	Direct on Barrel.	With Single Block.		With Regular Length of Barrel.	Extra for each 6 inches of Barrel.
31	4½ inches.	12 inches.	½ Ton.	1 Ton.	One.		
32	5 inches.	16 inches.	1 Ton.	2 Tons.	Two.		
33	6 inches.	20 inches.	1½ Tons.	3 Tons.	Two.		
35	7 inches.	24 inches.	2½ Tons.	5 Tons.	Two.		

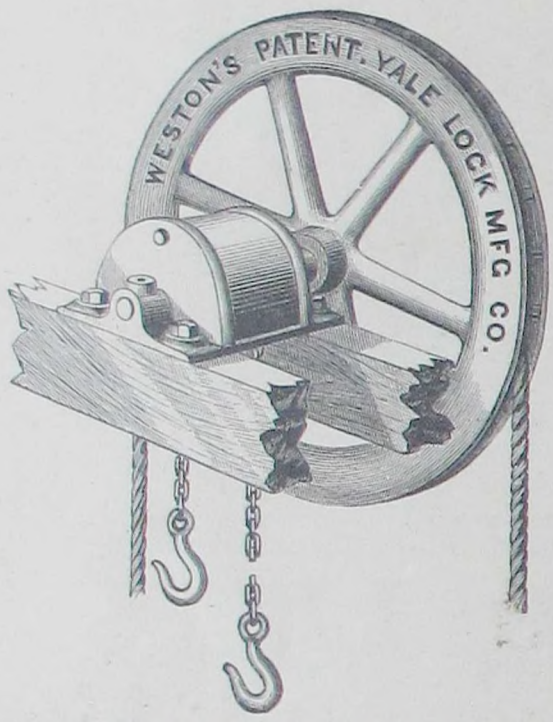
Regular sizes always in stock. Special sizes promptly made to order.

For Double or Single Poles, as specified in order, at same prices. Always furnished for use on double poles, unless otherwise ordered.

Capstan Barrel furnished in place of straight barrel, without extra charge.

WESTON'S PATENT
SAFETY
"DOUBLE LIFT" HOISTS,

With Patent Automatic Safety Brake.



"DOUBLE LIFT," No. 1.

For Stores, Factories, Mills, Etc.

The "Double Lift" consists of a chain, with hook on each end, passing over a sheave which can be rotated by the hand rope and wheel, and provided with **Weston's Patent Brake.** Pulling one side of the rope causes the opposite side of chain to rise with load. Pulling other side of rope causes load to descend, **but only as fast and so long as the rope is pulled.** If the rope is let go the load will remain suspended—**it can never "run down."** As one hook ascends the other descends, and is thus ready for the next load.

A better, safer, simpler and cheaper machine than the old "rope wheel and drum" so commonly used. With No. 1 size, **one man can lift the full load** at a speed of about twelve feet per minute, and lighter loads at a correspondingly faster speed.

No.	Capacity.	Height of Hoist.	Price, Complete, except Hand-rope or Chain.	Price For Extra Hoist, Per Foot.	Hand-Rope or Chain, Extra.		Distance From center of Rope Wheel to center of Chain Sheave.
					Rope.	Chain.	
1	500 lbs.	16 feet.					$5\frac{9}{16}$ inches.
2	1,000 lbs.	24 feet.					$8\frac{5}{8}$ inches.
3	1,500 lbs.	28 feet.					$9\frac{1}{8}$ inches.
4	2,000 lbs.	32 feet.					$10\frac{1}{8}$ inches.

Above prices are for "Double Lifts" with rope-wheel close to chain sheave, as indicated in eighth column of above table, and as shown in cut of No. 1 above. For "Double Lifts" with lengthened shafts, portable, and applied to various purposes, see following pages.

Extra Hoist. Hand-ropes and chains are spliced, or endless, unless otherwise ordered, and of proper length for use with machines of regular "height of hoist. **Each foot of extra hoist** requires **two** feet of extra hand rope or chain, the prices of which are: For rope, cts. per foot, and for chain, cts. per foot.

SAFETY "DOUBLE LIFTS,"

With Patent Automatic Safety Brake.

For Use over Hatchways.

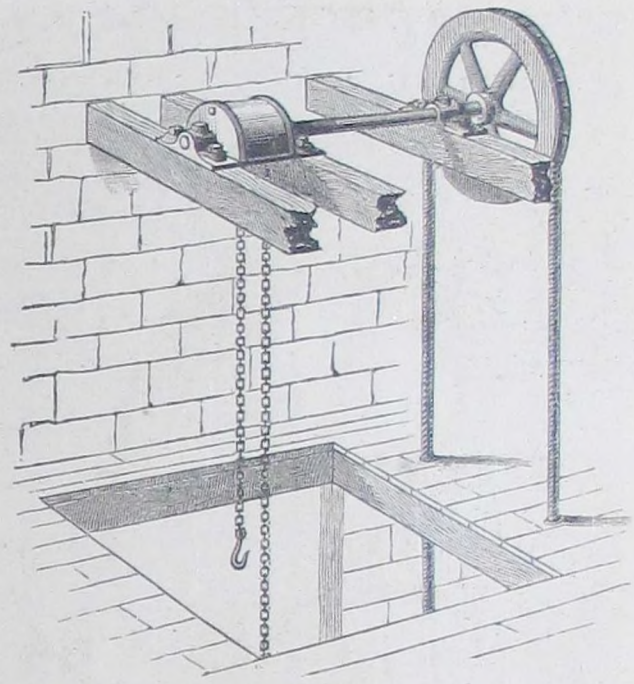
In ordering extra length shafts, state distance desired from center of hoistway to a line connecting the two rope holes through the floor, which distance is the same as from center of rope-wheel to center of chain-sheave, as will be seen by reference to cut.

To ascertain the price of a "Double Lift" with lengthened shaft, note **regular** distance from center of rope-wheel to center of chain-sheave, as given in eighth column of price list on page 546, and add to price of the "Double Lift" the price for **extra** shaft, as given in list below.

For first foot of Extra Length, (including the additional bearing), - - - - - $

For each additional foot, - - -

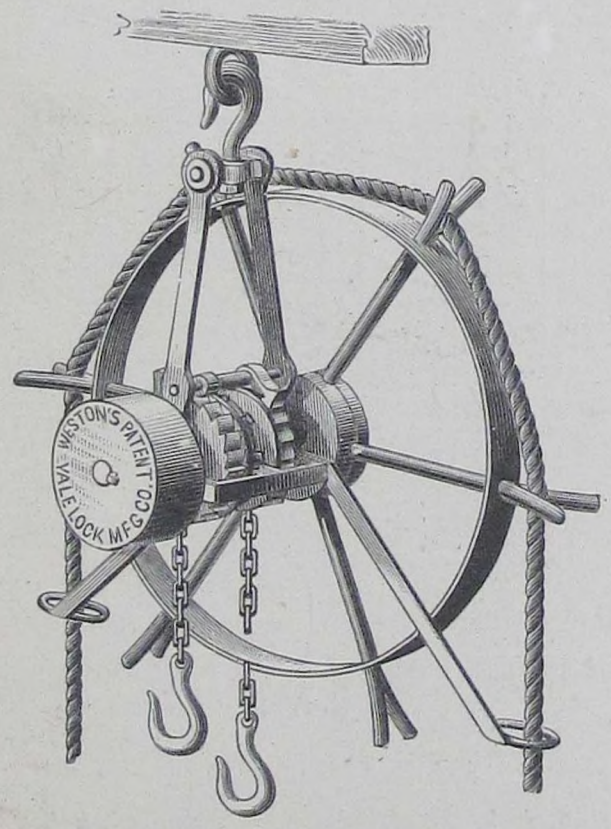
Should hoist be desired greater than that given in the table on page 546, add for same as explained in foot note on that page.



"DOUBLE LIFT,"
With lengthened Shaft, for use over Hatchways.

PORTABLE "DOUBLE LIFTS,"

With Patent Automatic Safety Brake.



PORTABLE "DOUBLE LIFT,"
No. 11.

The **Portable "Double Lift"** is similar in construction to the No. 1 machine, except that a light wrought iron sprocket wheel is substituted for the heavy cast wheel, the housing (or box) dispensed with, and a hook provided at top of the open frame.

Thus arranged, the "Double Lift" can be suspended in the same manner as a Pulley Block (see page 542), and can readily be shifted from place to place. Its quicker action makes it preferable to a Pulley Block for some uses. In the portable form it is made in **one size** only.

No.	Capacity	Height of Hoist.	Price, Complete, except Hand-rope or Chain.	Price For Extra Hoist, Per Foot.	Hand-Rope or Chain, Extra.	
					Rope.	Chain.
11	500 lbs	16 feet				

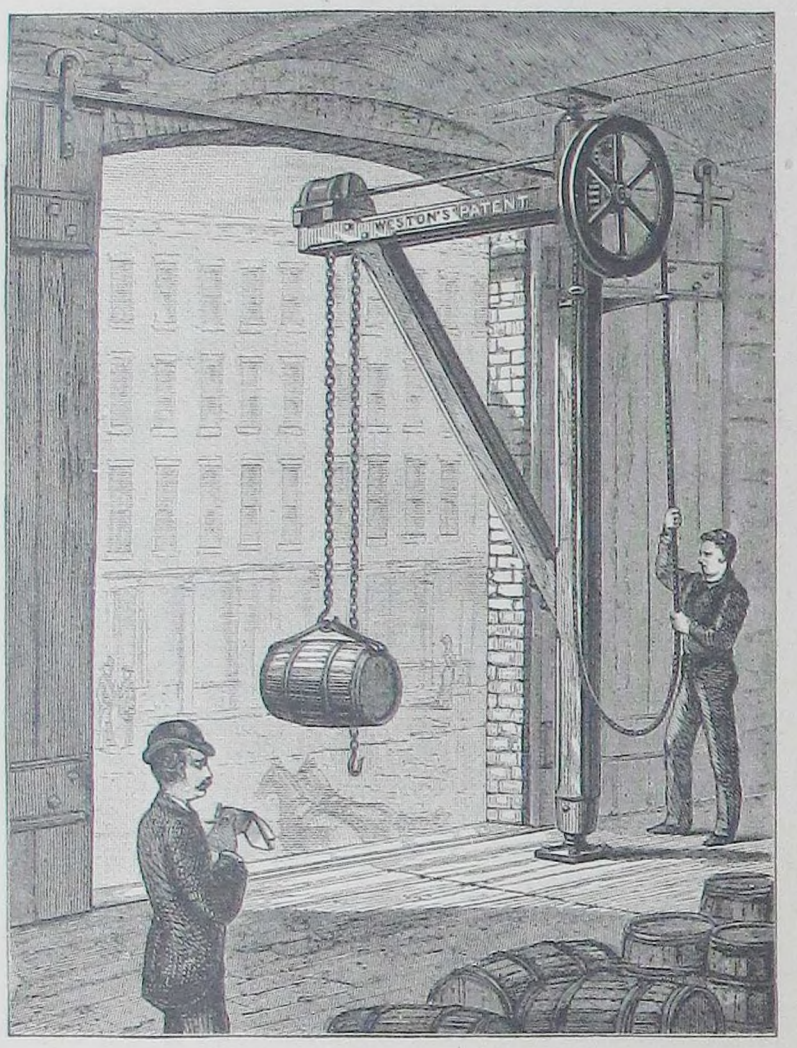
Hand Ropes and Chains are spliced, or endless, unless otherwise ordered, and of proper length for use with machines of regular "height of hoist."

Each foot of extra hoist requires **two feet** of extra hand-rope or chain, the prices of which are: For rope, cts., and for chain, cts. per foot.

LIGHT SWING CRANES,

WITH WOODEN FRAME.

Provided with "Double Lift" Hoisting Gear, and Patent Automatic Safety Brake.



Of Capacities of from 1000 to 2000 lbs. Suitable for Mills, Warehouses, Stores, Freight Houses, Etc.

The illustration herewith shows another application of the "Double Lift." We can furnish these Cranes, **complete,** and will name prices on application. The purchaser, however, can generally have the frame made near at hand and thus save freight. We give, therefore, prices for the "Double Lift," Top and Bottom castings or steps, and other iron work necessary.

In ordering state distance from floor to overhead support, and exact radius or distance desired from center of mast to center of hoisting chain, also required height of hoist.

No.	Capacity.	For Hoist of.... or Less.	For Radius of.... or less.	Price, Complete, except Hand Rope or Chain.	Price, For each additional foot of Hoist.	Hand Rope or Chain. Price extra for Hoists given.	
						Rope.	Chain.
2	1000 lbs.	14 feet.	10 feet.				
3	1500 lbs.	16 feet.	12 feet.				
4	2000 lbs.	18 feet.	14 feet.				

Extra Radius, (under 20 feet, including regular radius), - - - - Per foot, $

Hand Ropes are spliced, or endless (unless otherwise ordered), and of proper length for use with machines of regular "height of hoist."

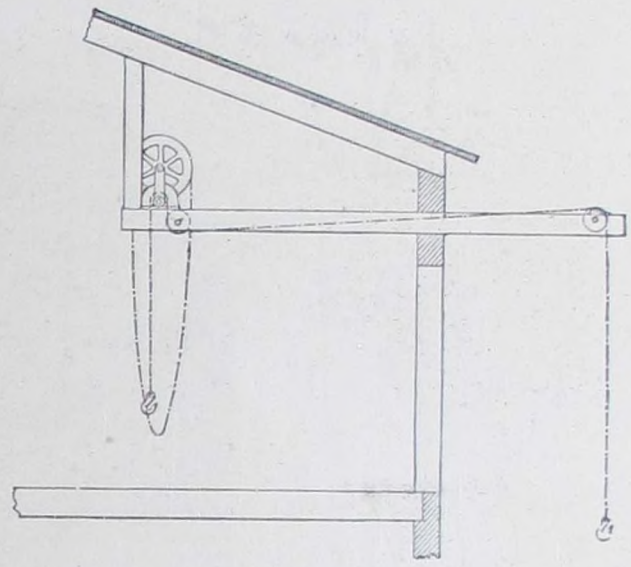
Two iron "guide eyes" go with each rope; extra guide eyes, $ per pair.

Above prices include the "Double Lift," Top and Bottom steps, and other iron work; everything except the wooden frames.

"DOUBLE LIFT" HOIST,

FOR USE AS AN

OUT-RIGGER HOIST.



With Patent Automatic Safety Brake.

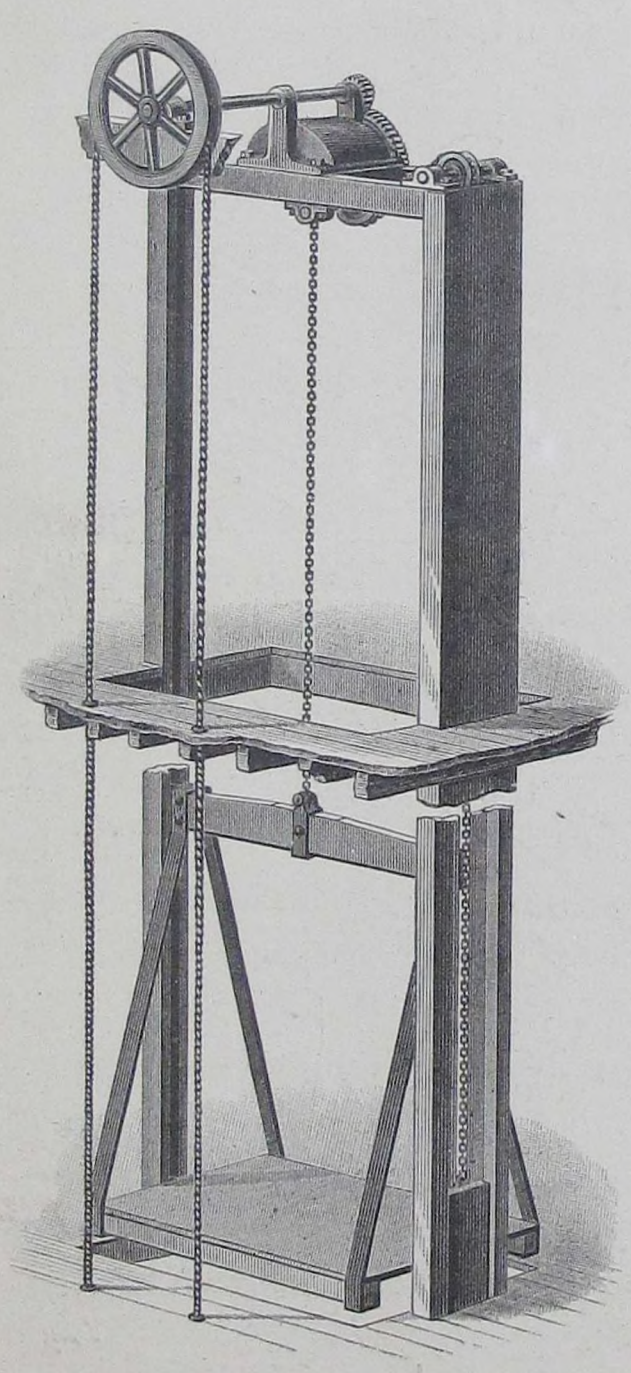
The arrangement illustrated consists of the "Double Lift," and in addition two sheaves on shafts and bearings for leading the hoisting chain outside of the building, as shown in the cut.

This Hoist will be found very useful and convenient for lifting goods from the ground for storage on the upper floors of buildings.

PRICE FOR OUT-RIGGER HOIST,

(In addition to prices of Double-Lift with or without lengthened shaft, given on pages 546 and 547.)

For 2 Sheaves, with Shafts and Bearings, - $



"DOUBLE LIFT" HOIST,

Arranged for Hand Elevator.

WITH PATENT AUTOMATIC SAFETY BRAKE.

This illustration shows a "Double Lift" used as a hand elevator. The shaft is lengthened sufficiently to bring the hand-wheel outside of the hatch-way, the hand-rope passing through rope-holes in the floor. One end of the chain is attached to a cage or platform, and the other end is led over two guide sheaves to a counterweight. The counterweight may run in guides at side of hatchway, as shown, or at any convenient place. In ordering a "Double Lift" for use as an elevator, select one of sufficient capacity to carry the maximum load desired to be lifted, in addition to weight of cage. Give also distance from center of hatchway to line connecting the two rope holes in floor.

PRICE.

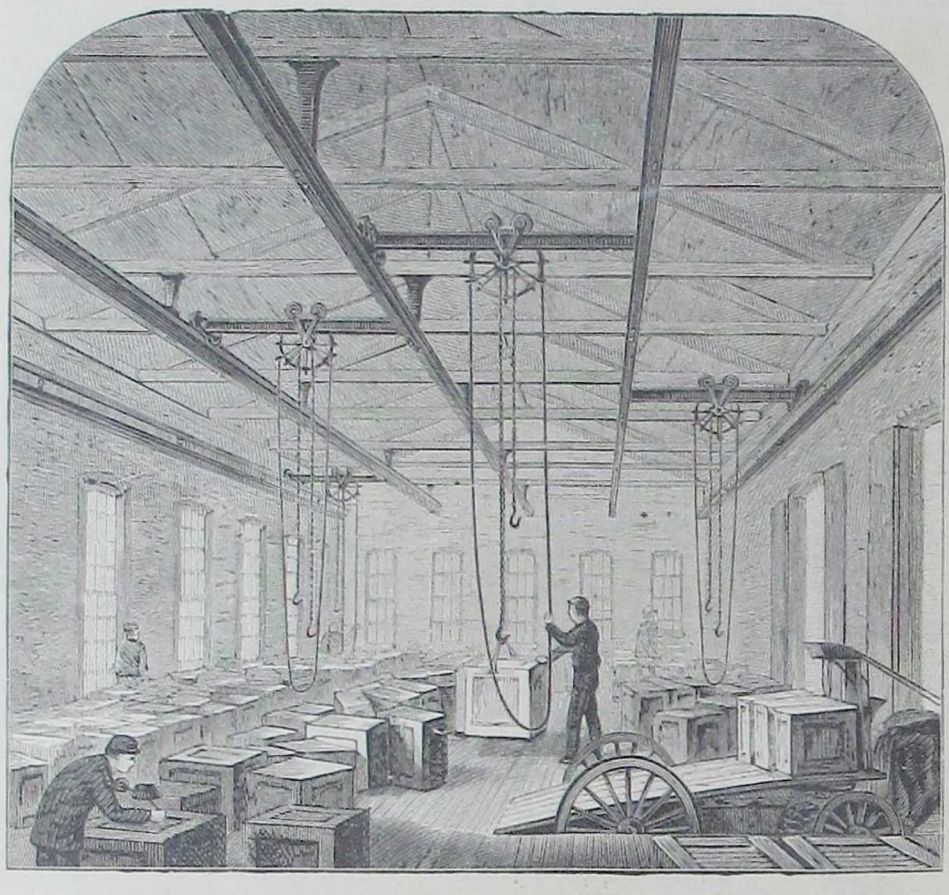
(In addition to price of Double Lift with lengthened shaft, given on pages 546 and 547.)

For 2 Sheaves, with Shafts and Bearings, - $

Estimates for iron work of cages will be given on application, when dimensions are furnished.

LIGHT TRAVELERS,

As Arranged for Warehouse Use.



We show above our Portable "Double Lift" No. 11, (for description of which see page 547), combined with a light truck or "trolley," arranged to travel on overhead tracks.

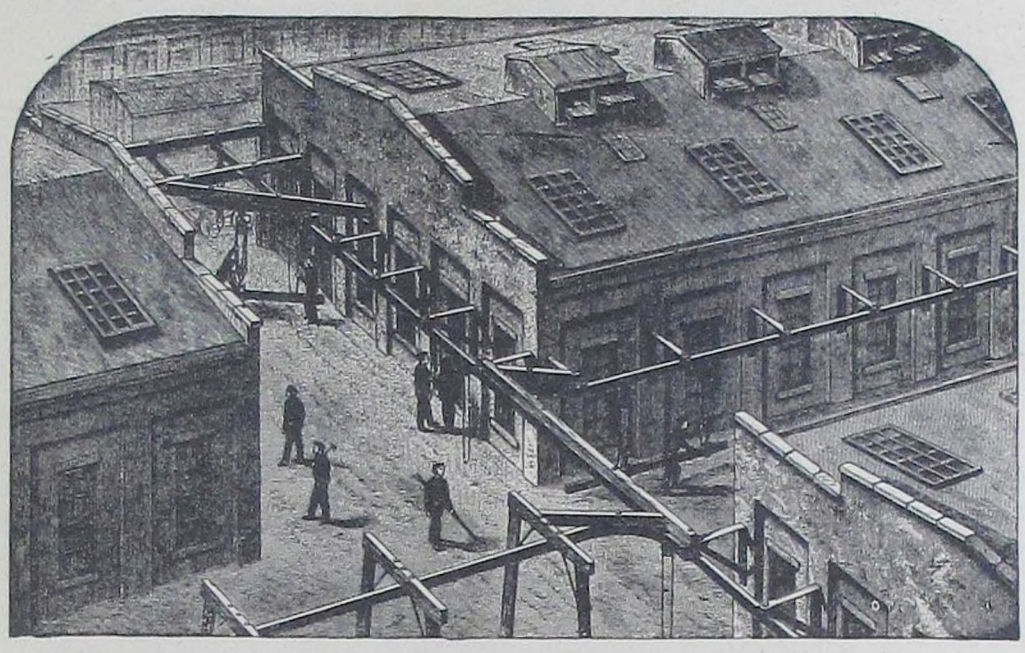
The chain-wheel is rotated by a hand-rope and wheel. Pulling on opposite sides of the rope respectively causes the chain to rise or descend with the load, but only as fast and as long as the rope is pulled. If the rope is let go at any time the load will remain suspended, without running down, thus insuring the utmost safety to the load and operator at all times.

The traversing mechanism consists of a bridge moving on longitudinal tracks, and a "trolley" moving in either direction on the bridge, or both the "trolley" and the bridge may move simultaneously. Its arrangement is such that a load may be raised at any point, and moved to any other point between the longitudinal tracks.

For the handling and storage of boxes, bales, barrels, etc., its great convenience and adaptability will be at once appreciated, and great economy of room is effected as the floor space is unobstructed and the goods may be stacked higher.

Prices for one or more Travelers, complete, with portable "Double Lift" Hoist, with or without side rails or tracks, furnished on receipt of span, capacity and hoist required. If side rails are desired, the distance between supports should be stated.

OVERHEAD TRAMRAILS.



General Illustration of Tramrail System.

The illustration shows the general application of our system of overhead tramrails, for both in-door and out-door use. The track employed for this purpose consists of I-beams, specially curved and fitted, and for which, also, are provided when necessary, switches and turn-tables. The system thus admits of extension and use in the same manner as a surface railroad.

A special form of trolley is arranged to run freely on the lower flange of the suspended track, and is so constructed as to adapt itself to the irregularities of the track, and to pass easily around curves. This system is applicable to loads of all sizes. It is most generally used for loads ranging from five hundred pounds to two thousand pounds, but has been extended to sizes capable of handling loads of ten tons and upwards.

The system of overhead tramrails, and also of light travelers as illustrated on page 550, is applicable to a wide range of uses for the handling of material, both heavy and light, in the processes of manufacture, storage and shipment. It has been furnished for woolen and cotton mills, rolling mills, wire mills, foundries, chemical works, warehouses, etc., and wherever introduced it has proved satisfactory and economical and in many cases its introduction for a special purpose has led to its extension throughout large works.

A single piece from a hatchway to street door and out over pavement, for loading, etc., is often found useful and economical.

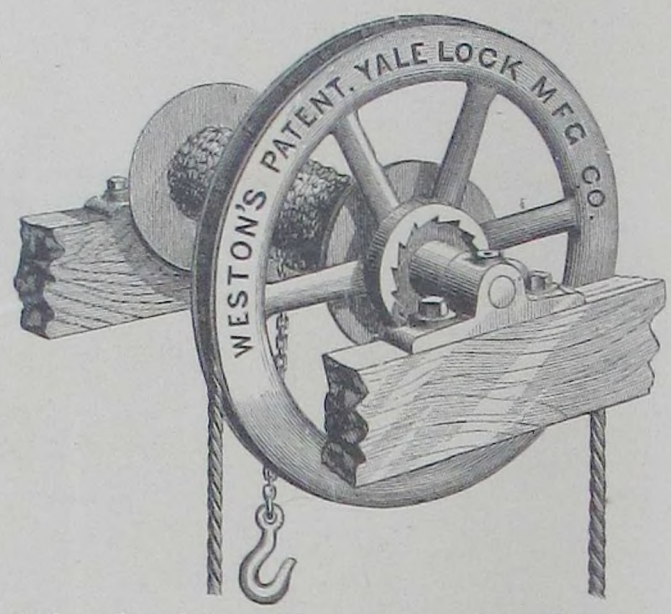
In asking for estimates it is necessary to send a drawing or sketch indicating the points of support for the overhead rail, and to state the maximum load to be handled. Plans will be prepared and submitted for extending the tramrail system throughout the buildings and yards of works, as may be required, including such arrangement of switches, turn-tables and transfer tables as will give the most convenience and efficiency.

Our experience often enables us to adapt this system to special conditions, so as to very largely reduce the cost of handling material, and to facilitate and increase production.

WESTON'S PATENT

"SAFETY HOISTS,"

For Stores, Factories, Mills, Etc., Etc.



The "**Safety Hoist**" consists of a rope-wheel, and a hoisting barrel or drum, controlled by our Patent Safety Brake.

No.	Capacity.	Diameter of Wheel.	Price, Without Chain or Rope.
1	250 pounds.	24 inches.	
2	300 pounds.	30 inches.	
3	350 pounds.	36 inches.	
4	400 pounds.	42 inches.	

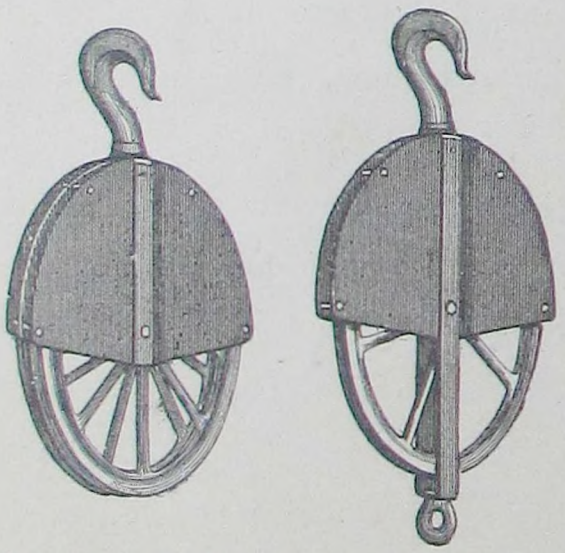
Note.—The regular size of barrel is 9 inches long, and will receive 60 feet of chain, or 50 feet of rope of proper size. Barrels of extra size furnished to order. Common chain can be used.

Hand Ropes or Chains, spliced, ready for use, will be furnished for the following prices. The lengths given are supposed to represent the distance from the machine to floor on which the operator will stand, and are, therefore, one-half the total lengths of rope or chain.

Lengths, - - - - -	10 feet.	15 feet.	20 feet.	25 feet.	30 feet.	40 feet.
Hand-Rope, Each, - - -						
Hand-Chain, Each, - - -						

WIRE ROPE

PULLEY BLOCKS,



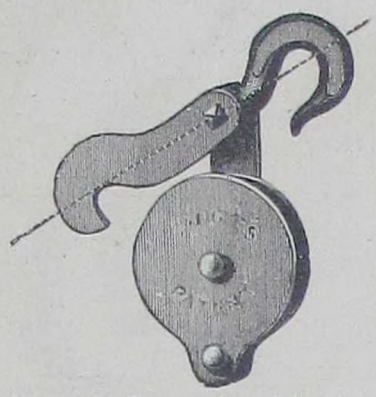
Use 24-inch sheave for 5/8-inch rope.

For wire rope up to 3/4 inch diameter.

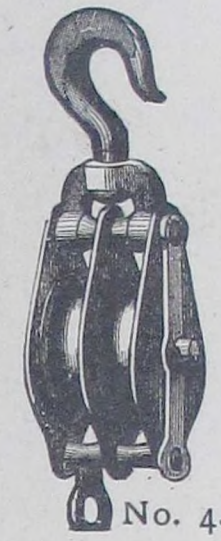
Becket supplied gratis, if ordered.

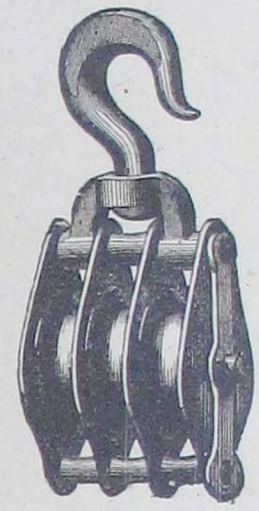
Diameter of Sheave.	Price, Single.	Price, Double,	Price, of Sheave only.
10 inches, - - - -			
12 inches, - - - -			
14 inches, - - - -			
18 inches, - - - -			
20 inches, - - - -			
24 inches, - - - -			

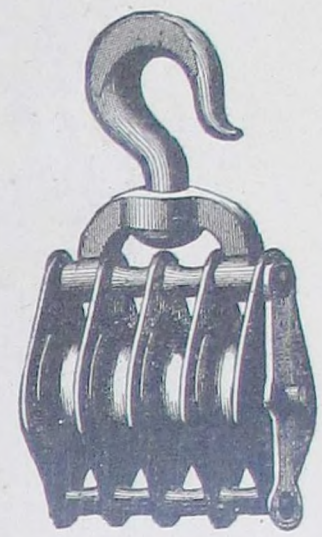
WROUGHT IRON
TACKLE BLOCKS.


Snatch, No. 1.

No. 3.


No. 4.


No. 5.


No. 6.

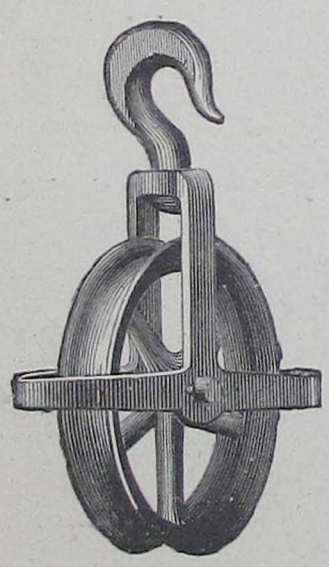
Chain Sheaves are grooved. Furnished always for **rope**, unless specified for **chain**.

The lower Block of every **set** is always sent with a **becket** attached, as shown in No. 4.

Diameter of Sheave.	Will take Rope Diameter.	Will take Chain Diameter.	Price of Snatch Block. Pattern No. 1.	Price of 1 Sheave Block. Pattern No. 3.	Price of 2 Sheave Block. Pattern No. 4.	Price of 3 Sheave Block. Pattern No. 5.	Price of 4 Sheave Block. Pattern No. 6.
2½ inches.	½ inch.						
3½ inches.	⅝ inch.						
4 inches.	¾ inch.						
4¾ inches.	⅞ inch.	$\frac{3}{16}$ inch.					
5 inches.	1 inch.	¼ inch.					
6 inches.	1¼ inches.	$\frac{5}{16}$ inch.					
7 inches.	1½ inches.	⅜ inch.					
8 inches.	1¾ inches.	$\frac{7}{16}$ inch.					
9 inches.	2 inches.	$\frac{9}{16}$ inch.					
10 inches.	2¼ inches.	$\frac{9}{16}$ inch.					
11 inches.	2½ inches.	$\frac{11}{16}$ inch.					

Above blocks with **brass** sheaves furnished to order. Prices on application.

Wooden Tackle Blocks, of all sizes and kinds, furnished to order.

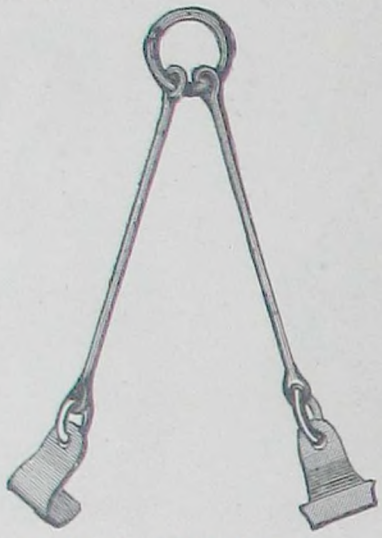


GIN BLOCKS.

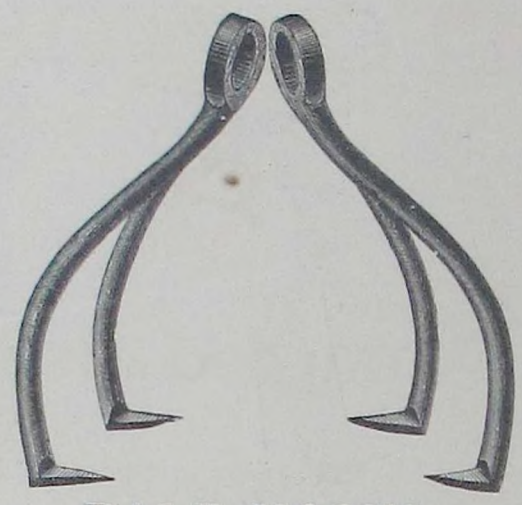
These Blocks are made with wrought and malleable iron frames and wrought swivel hooks.

Diameter of Wheel.	Will take Rope, Diameter.	Will Carry About	Each.
10 inches.	1 inch.	1 Ton.	
12 inches.	1 inch.	1½ Tons.	
14 inches.	1¼ inches.	1½ Tons.	
16 inches.	1½ inches.	2 Tons.	
18 inches.	1½ inches.	2¼ Tons.	
20 inches.	1½ inches.	2½ Tons.	
22 inches.	1½ inches.	2½ Tons.	

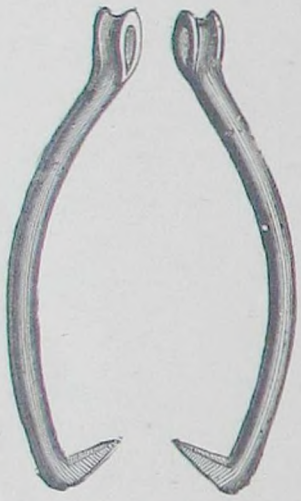
WROUGHT IRON
GRAPPLE HOOKS,



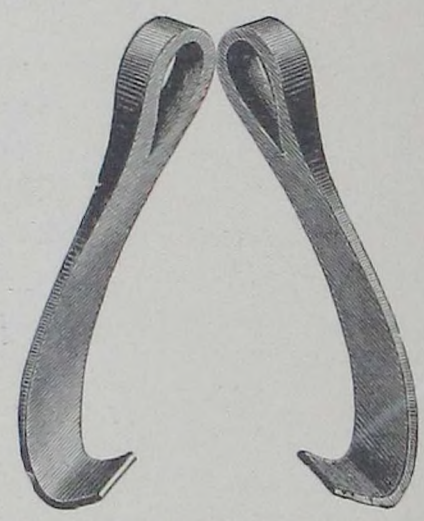
CAN HOOKS.



BALE HOOKS.



BOX HOOKS.



FLOUR BARREL HOOKS.

For Use in handling Barrels, Cans, Bales, Boxes, etc., etc.

These Hooks are made of wrought iron, and are either Japanned or galvanized. They are adapted for **grasping** securely the articles that require to be lifted, and can be employed in connection with every description of hoisting machinery.

No.	Description.	Weight.	Per Pair.
1	Can Hooks, $\frac{7}{16}$ inch Iron, Japanned.	5 pounds.	
2	" " $\frac{9}{16}$ " " "	6½ "	
3	" " $\frac{5}{8}$ " " "	11 "	
4	Bale " $\frac{3}{4}$ " " "	7½ "	
5	Box " $\frac{7}{8}$ " " "	7 "	
6	Flour Barrel Hooks, "	6½ "	
11	Can Hooks, $\frac{7}{16}$ inch Iron, Galvanized.	5 "	
12	" " $\frac{9}{16}$ " " "	6½ "	
13	" " $\frac{5}{8}$ " " "	11 "	
14	Bale " $\frac{3}{4}$ " " "	7½ "	
15	Box " $\frac{7}{8}$ " " "	7 "	
16	Flour Barrel Hooks "	6½ "	

YALE

"PITCH" OR "GAUGE" CHAIN,

AS MADE FOR

WESTON'S PULLEY BLOCKS AND LIFTS.

Adapted also for Transmitting Power.

This chain is made of the finest Norway iron by a patented process which insures perfect accuracy in the size or "pitch" of the links of which it is composed. It is thus adapted to mesh or gear with toothed or pocketed wheels (as used in the "Differential Pulley Block), whereby the wheel is driven by the chain, or *vice versa,* with the same uniformity as one cog-wheel is driven by another.

This system is available for the transmission of power for a variety of purposes, particularly where the speed is not great, but the power transmitted is considerable, and where it is necessary to preserve a fixed relationship between the driving wheels or shafts.

Nominal capacity in Tons,* - - - - -	1/8	1/2	1	1 1/2	2	3	4	5	6	8	10
Diameter of Iron in inches, - - - - -	3/16	1/4	9/32	5/16	3/8	7/16	1/2	9/16	5/8	11/16	13/16
Price, per foot, cts. - - - - - - - -											

*Note.—The upper line indicates the load which can be **safely** carried on **two parts** of the chain, i. e., as used in a one-sheave tackle block. Each part of the chain thus carries **one-half of the total load.** If the load is to be carried by a single chain, select a chain of a nominal capacity of twice the intended load.

We have a large variety of sheaves fitted to the above sizes of chains, sizes and prices of which will be given on application.

CRANE CHAIN.

In the annexed table will be found the sizes of Crane Chain of standard quality. This chain is for hoisting purposes only, i. e., for winding on hoisting drums and for use with common Tackle Blocks, and is **not** suitable for Weston's Differential Pulley Blocks or "Double Lifts."

Size of Iron in Chain, inches.	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1	1 1/16	1 1/8	1 3/16	1 1/4
Price per Foot, cts																

—THE—

WESTON CRANES.

As Labor Saving devices the value of Cranes is as yet little appreciated in America, and as a consequence heavy material of all kinds, in thousands of work-shops, mills and freight-yards, is being handled by slow and laborious processes, instead of by Cranes and similar modern appliances.

The Cost of Cranes, where much material is to be handled, constitutes an investment of the most profitable kind. The economy they effect will in any case yield a large return on the first cost, and in many instances will repay it entirely within one or two years. We are prepared to submit a comparative statement, exhibiting the probable economy in any case, upon receipt of information as to the nature of the work to be done.

An illustrated "Album of Crane Designs" will be furnished on application.

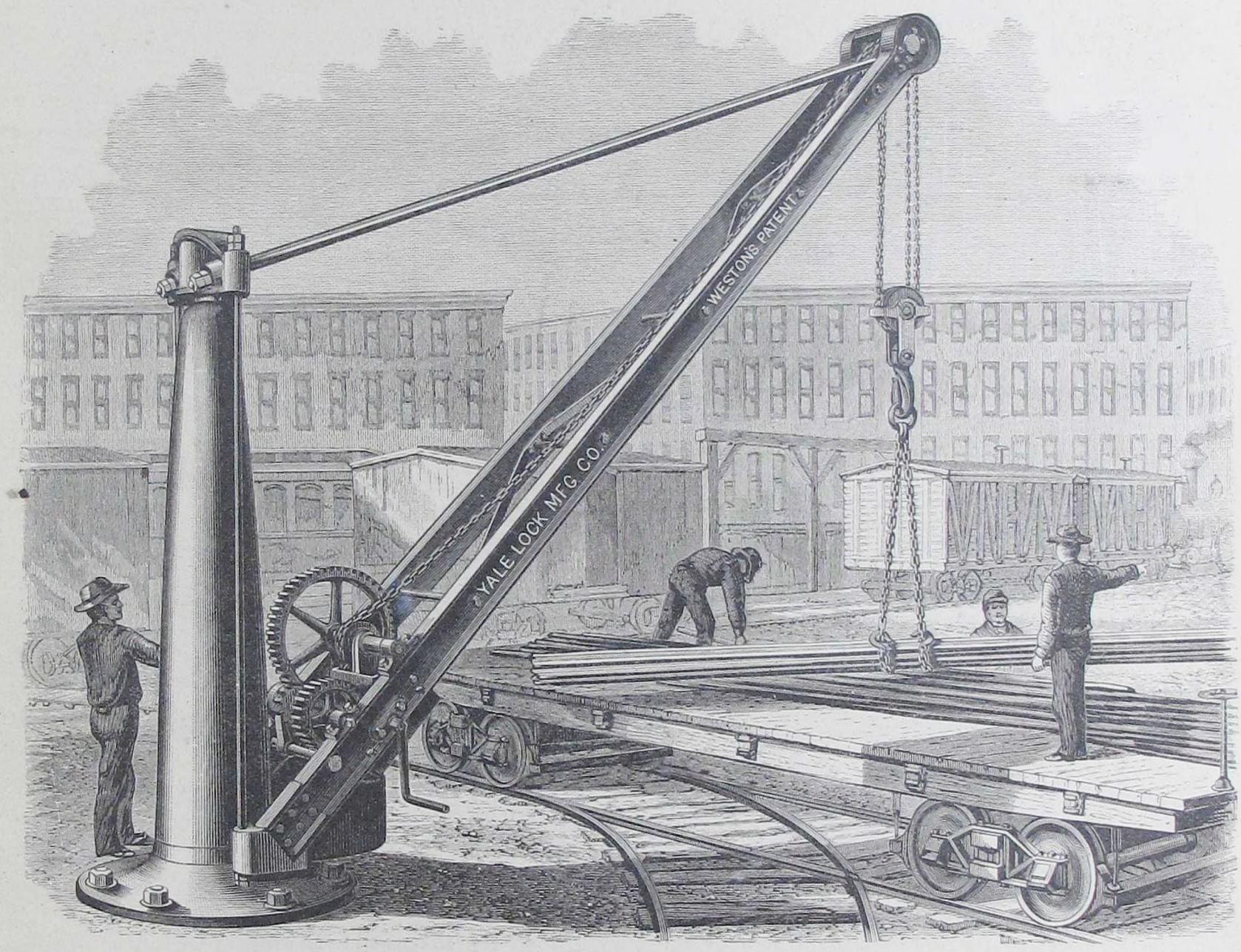
Proposals for Cranes, of any kind and size, and for any purpose, including complete specification and quotation of prices, will be promptly submitted on receipt of necessary information as to kind, capacity, etc.

Correspondence solicited regarding Cranes of all kinds.

WESTON'S

SAFETY PILLAR CRANE,

As Arranged for Operation by Hand.



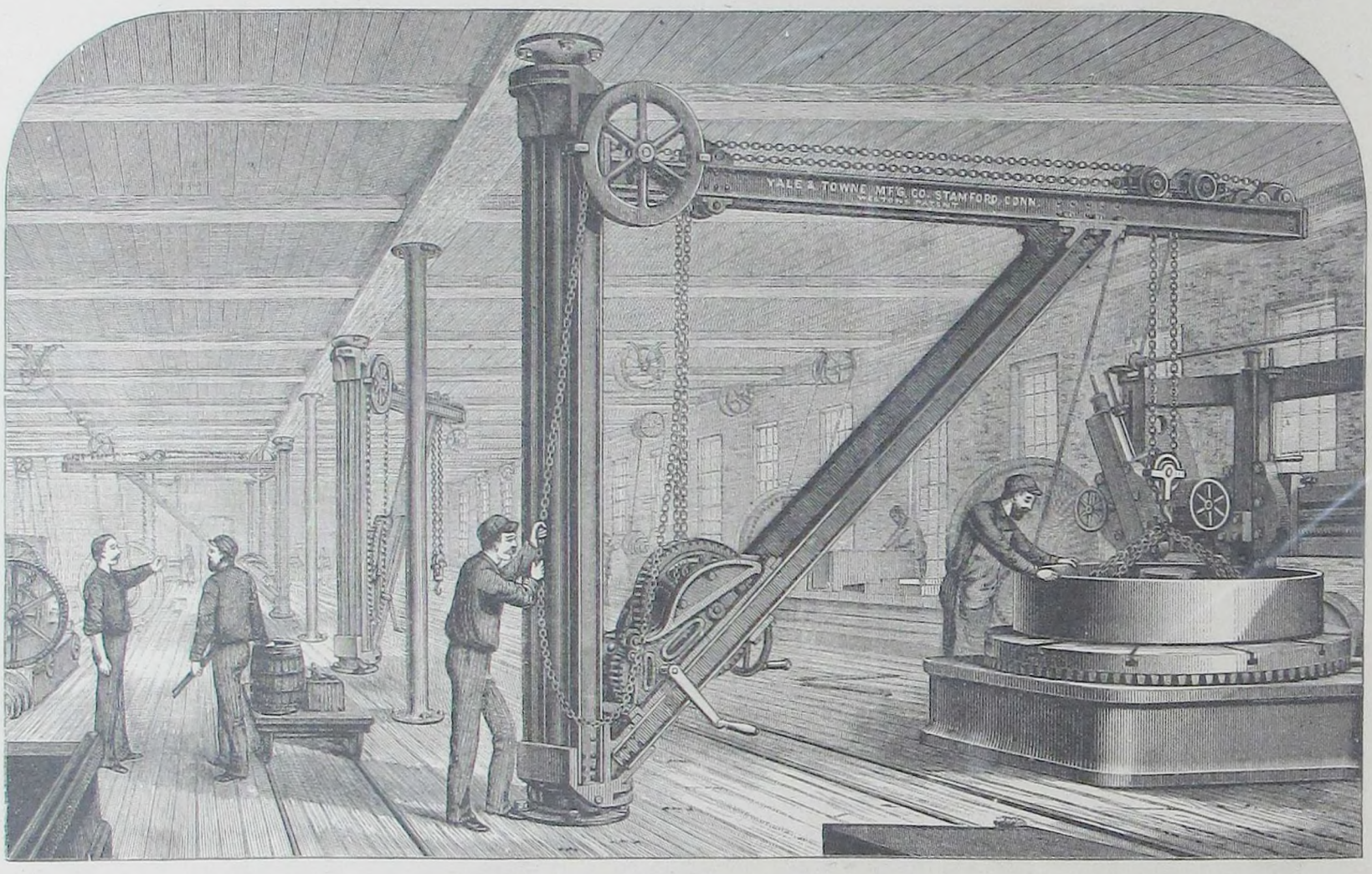
Description. This is a Crane supported entirely from the foundation, without any assistance from overhead braces or attachments. It is particularly adapted to railroad and wharf use, and is a useful addition to the yard appliances of any large Works. These Cranes are constructed for operation by hand, by power or by direct steam, and of any capacity from one ton to twenty-five tons, according to the requirements of the case.

Estimates submitted on receipt of information as to maximum load to be lifted, effective radius desired, and source of motive power, if other than manual.

WESTON'S

PATENT

JIB AND COLUMN CRANES.



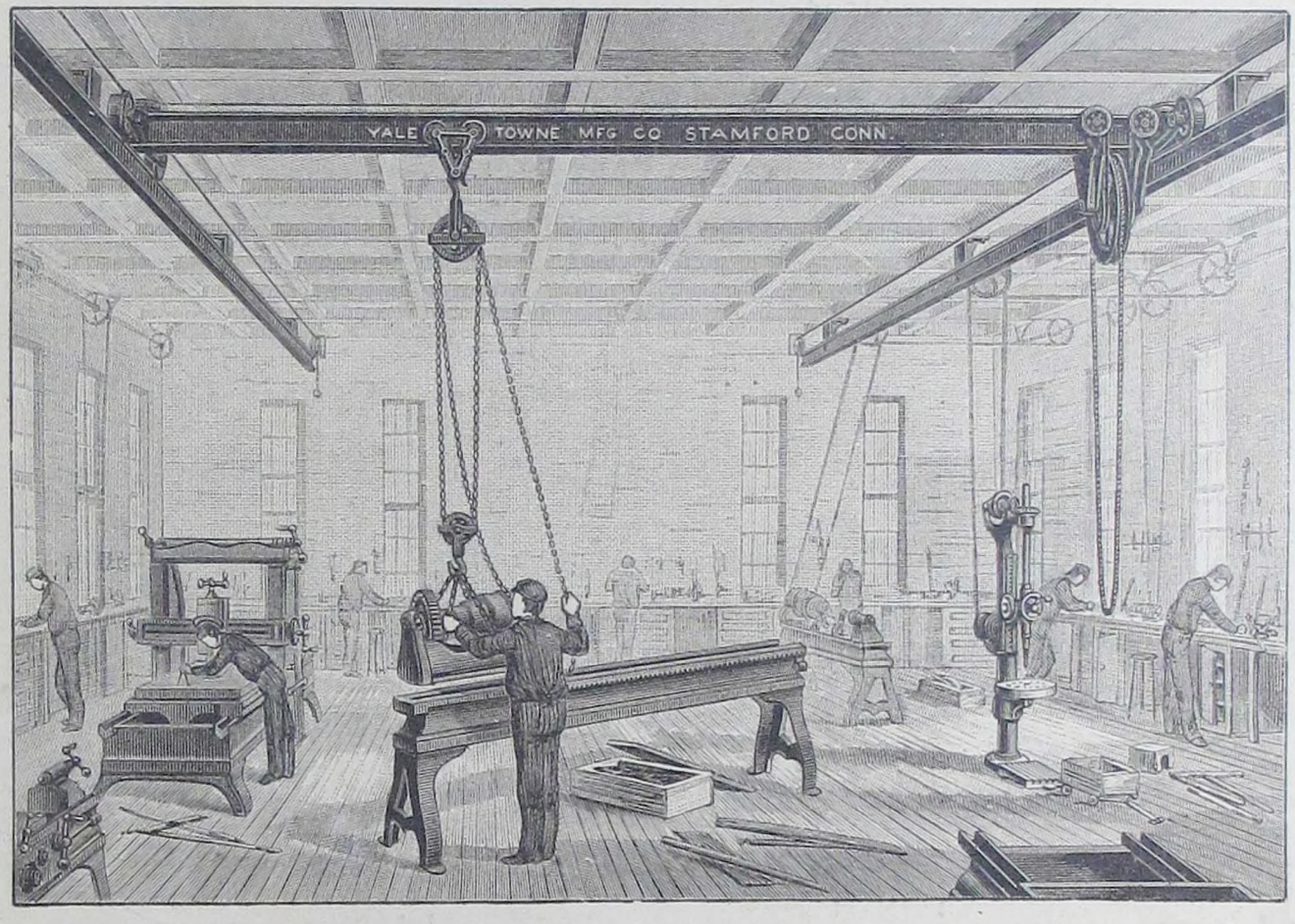
Description. Cranes of this type are made in great variety of form and size, according to the requirements of the particular place in which they are to be used. Where the proper overhead support is available they are the simplest and usually the cheapest form of Crane, although of more confined reach or sweep than Traveling Cranes. The mast is usually carried in pintals at top and bottom, and is not used to support the roof. It may, however, be arranged to turn around a fixed column, as shown in the engraving. Cranes of this construction are built of any desired capacity, from one ton to fifty tons, for operation by hand or power, and are applicable to almost every kind of use.

Estimates submitted on receipt of information as to maximum load, radius, height of mast, etc.

WESTON'S PATENT

LIGHT

HAND TRAVELING CRANES.



Description. This is a Light Traveling Crane for operation by hand, in which the hoisting mechanism consists of a Weston Differential Pulley Block suspended from the trolley which travels transversely on the bridge. The bridge itself is arranged to travel lengthwise on the longitudinal tracks so that the entire rectangular space between the tracks is covered by the Crane.

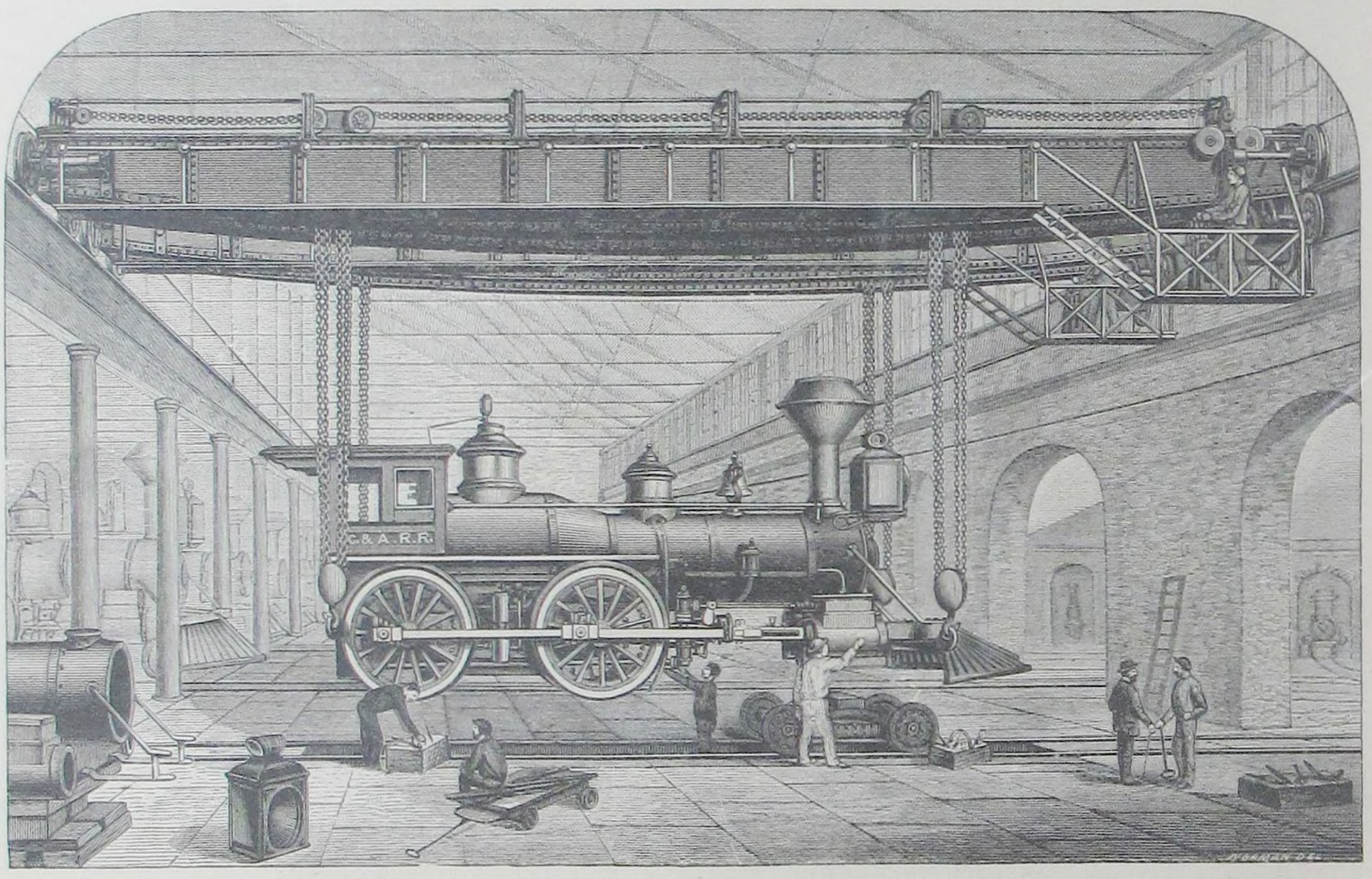
Hand Traveling Cranes of larger sizes and of other styles, with fixed or with moving Crabs, are also made, for illustrations of which see "Album of Crane Designs," referred to on page 540. These machines are adapted for use in Foundries, Forges, Machine Shops, Mills and Factories, and also for use over heavy machines, such as steam engines, rolling mills and printing presses, for the removal and handling of parts during repairs.

Estimates furnished on receipt of information as to maximum load to be lifted, span or length of bridge, length of travel, etc.

WESTON'S

PATENT

POWER TRAVELING CRANE.



Description. This Power Traveling Crane consists of a bridge moving on longitudinal overhead rails, and one or more trolleys moving transversely on the bridge. The operating mechanism is usually attached to the bridge at one end, and is controlled by an operator from a platform attached to and moving with the bridge. Power is transmitted to the Crane from a line-shaft at any convenient point. Cranes of this type constitute the most perfect and complete apparatus for handling heavy loads. They are built of capacities from five tons up to fifty tons or more, and are applicable to Foundries, Machine Shops, Stone Yards, Erecting Shops, etc.

Estimates submitted on application stating maximum load, span and length of travel.

WESTON-CAPEN

FRICTION CLUTCHES

AND

PULLEYS.

(PATENTED.)

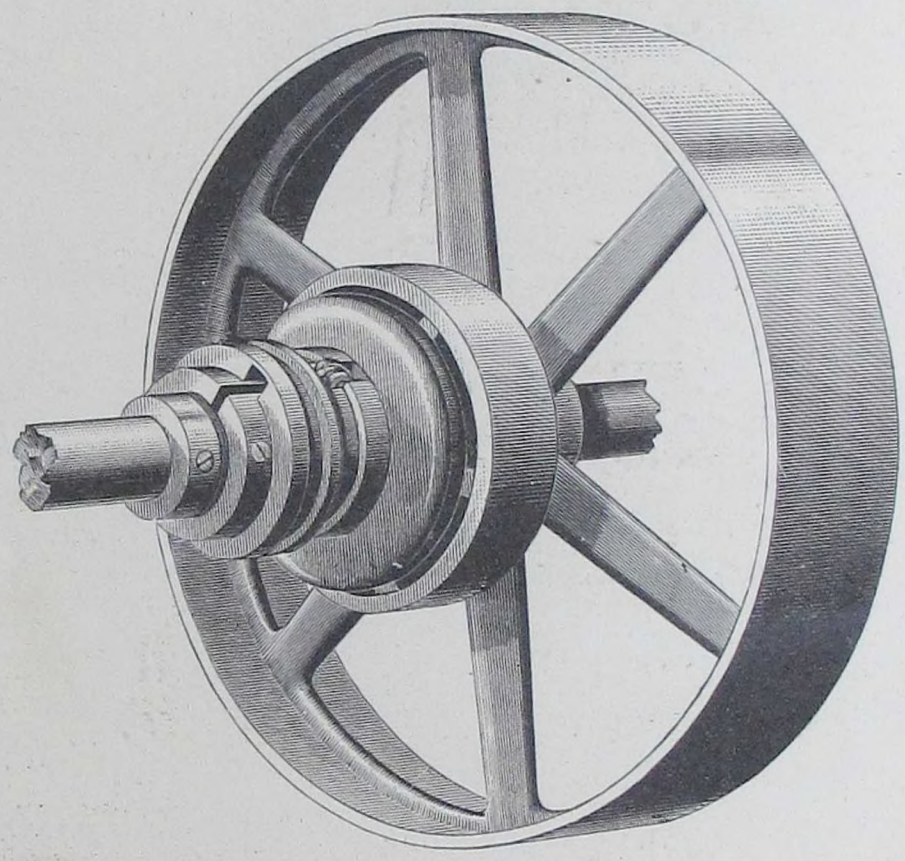


FIG. 1.

Made wholly of metal. No wood or leather surfaces.

Entirely free from collar friction or end thrust.

Run without noise, and without loss of power in driving.

Friction surfaces are of flat sheet metal, easily renewed.

Adjustments are simple, easily made and positive.

Easily applied; the working parts all attached to the central sleeve.

For prices, see page 562.

WESTON-CAPEN

FRICTION CLUTCHES,

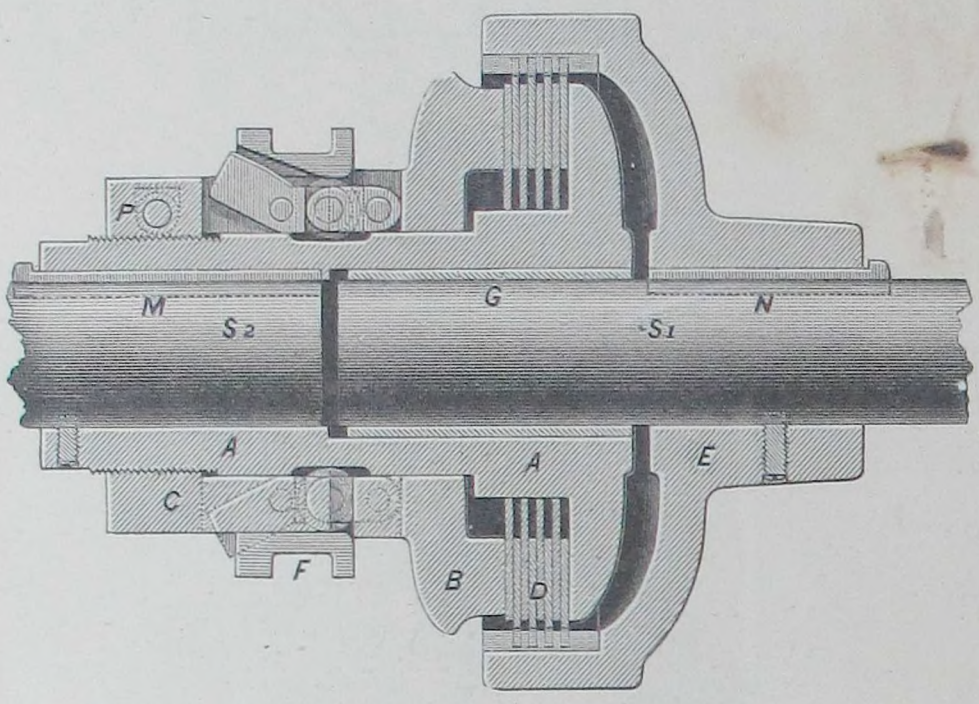


FIG. 2.

WESTON-CAPEN CUT-OFF COUPLING OR FRICTION CLUTCH.

Size or Diameter.	Maximum Bore of Hub.	Length Occupied on Shaft.	Horse Power Transmitted.		Price of Clutch.		Price of Shifter Fork.†
			At 100 Revs. Per Minute.	At 200 Revs. Per Minute.	For Shaft Coupling.	For Clutch Pulley.*	
9 inch.	1¾ inch.	12 inch.	3	6			
10½ inch.	2¼ inch.	13¼ inch.	6	12			
13½ inch.	2¾ inch.	15½ inch.	12	24			
16½ inch.	3¼ inch.	19 inch.	18	36			
20 inch.	4 inch.	22 inch.	36	72			

*Including Loose Collar.

†As per cut on opposite page.

DIRECTIONS FOR ORDERING.

Size. Select size of clutch as explained on opposite page.

Use. State whether for use as a shaft coupling or with a pulley.

Bore. Give **exact** diameter of shaft on which clutch is to fit, and name of maker of shaft, if known.

Key Seat. If shaft is already key-seated (for key M, Figs. 2 and 3), send accurate sketch or template by which to make corresponding key-seat in clutch.

NOTE. It is always better to order clutch with our regular key-seat and to then cut key-seat in shaft to suit.

Hub. If for use with existing pulley state **exact diameter** to which the hub of clutch (see Fig. 3) shall be turned to fit bore of pulley, and if pulley is key-seated send sketch or template by which to cut corresponding seat in the hub (for key N, Fig. 3.)

Pulleys, if ordered, will be furnished at current trade prices, with clutches attached, ready for use.

HORSE POWER OF CLUTCHES.

The Weston-Capen Clutches are all proportioned with a transmitting capacity greater than that of the largest shaft to which they can be fitted. When engaged, the parts are all rigidly locked together, so that the power transmitted increases in **direct proportion** with the speed of the shaft. Each size of clutch will therefore transmit as much power as a shaft of the diameter stated in second column on preceding page. By reference to the fourth column the amount of power transmitted at any speed can be easily computed.

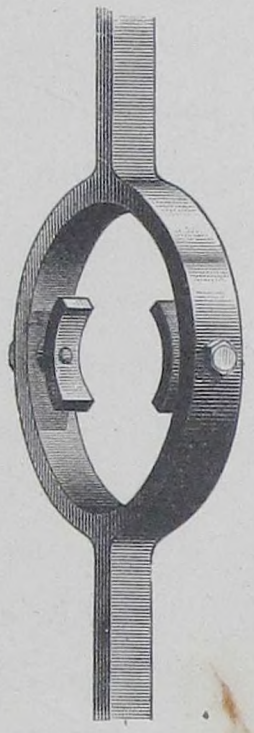


FIG. 4.

SHIFTER FORKS.

Shifter Forks of the construction shown by Fig. 4 are made for each size of clutch, and are furnished at the prices stated on opposite page, which are additional to prices of clutches.

The Fork is of wrought-iron, the ends being of suitable length for convenient welding on to the shifting lever.

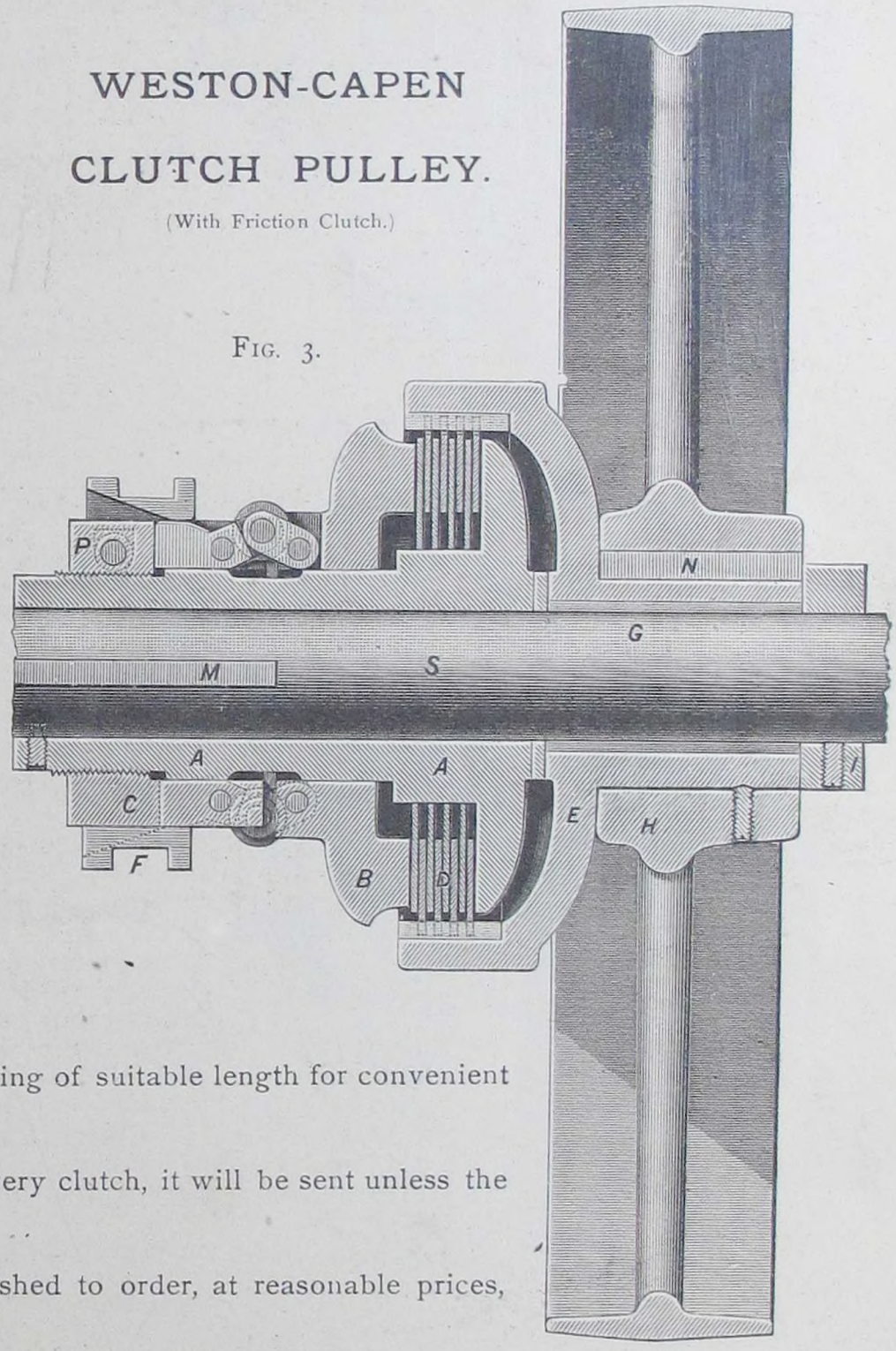
A Shifting Fork being required with every clutch, it will be sent unless the order directs otherwise.

Shifting Levers, complete, will be furnished to order, at reasonable prices, on receipt of necessary dimensions.

WESTON-CAPEN CLUTCH PULLEY.

(With Friction Clutch.)

FIG. 3.



Uses of Clutches.

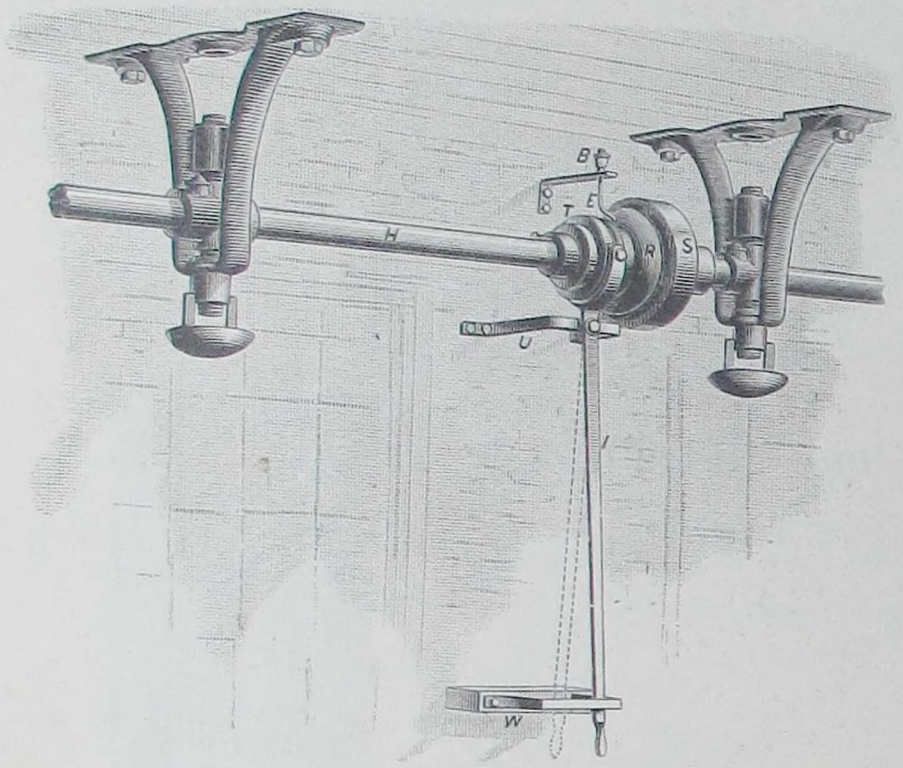


FIG. 5.
CUT-OFF COUPLING FOR LINE SHAFT.

On Line Shafting, Clutches may be used, either in the form of clutch-couplings or clutch-pulleys, to enable certain portions of the system to be cut off or detached from the others, so that they may stand still when not required, thus saving wear of shafting, belts, etc., and avoiding much useless loss of power. The best and most perfect construction consists in controlling the shafting of each room or shaft by a separate clutch, so that the shafting in that room may be stopped for adjustment of belts, or for any other purpose, without interfering with work elsewhere, and may be instantly arrested in case of accident within the room.

For Large Machines a Clutch-Pulley is a better means of stopping and starting than a loose pulley and shifting belt. It is much more easily and quickly manipulated, is more certain, and may be adapted to the transmission of any amount of power. Shifting belts, on the other hand, cannot well be employed for heavy work, and are subject to rapid wear. The clutch-pulley, as compared with a shifting belt, is conducive to great economy of belting, since, by its means, the belting is not in motion except when actually driving the machine.

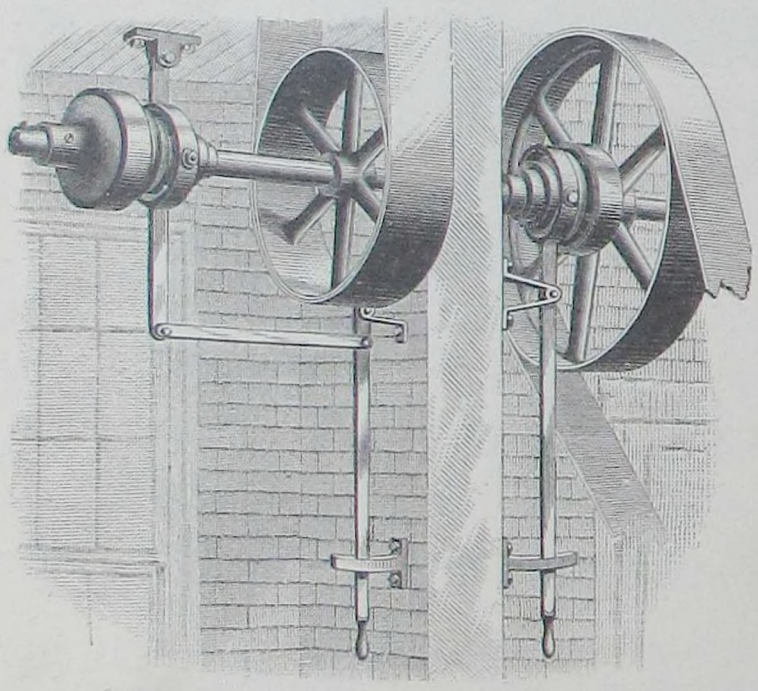


FIG. 6.
APPLICATIONS OF CLUTCH COUPLING AND PULLEY.

Cut-off Couplings, or Line Shaft Clutches, are always to be preferred to clutch-pulleys, as the size and weight of the rotating parts are much less, and the liability to wear and other disturbance is proportionately reduced.

Clutch Pulleys are applicable to machines of all kinds, particularly those of small size, and also to line shafting, wherever the arrangement of parts, or the amount of space available, prevents the employment of a cut-off clutch.

The Yale & Towne Mfg. Co.