
TRADE
YALE
MARK

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U. S. NAVAL AIR STATION, PENSACOLA, FLA.

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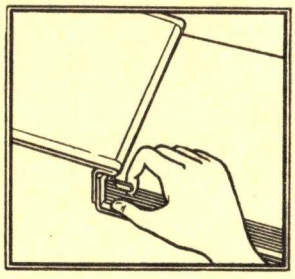
U. S. NAVAL AIR STATION, PENSACOLA, FLA.

DIRECTIONS FOR OPERATING

THE HEINN B-SPEEDEX BINDER

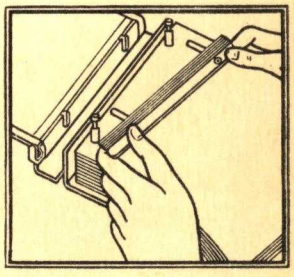
(STYLE NO. 2)

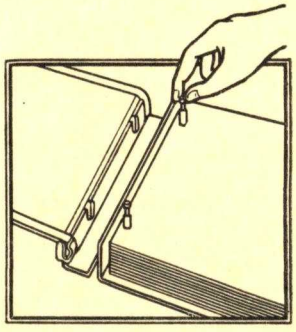


TO UNLOCK BINDER—Pull out slide bar under top cover. Then remove top cover.

TO REMOVE OR CHANGE SHEETS—Turn to page where change is to be made. Remove all sheets above this page with the bar attachment for holding the sheets.

TO LOCK BINDER—Replace top cover and push in slide bar.





TO MAKE POSTS LONGER—When adding sheets, turn up screws in posts (see sketch opposite) until the desired capacity is secured.

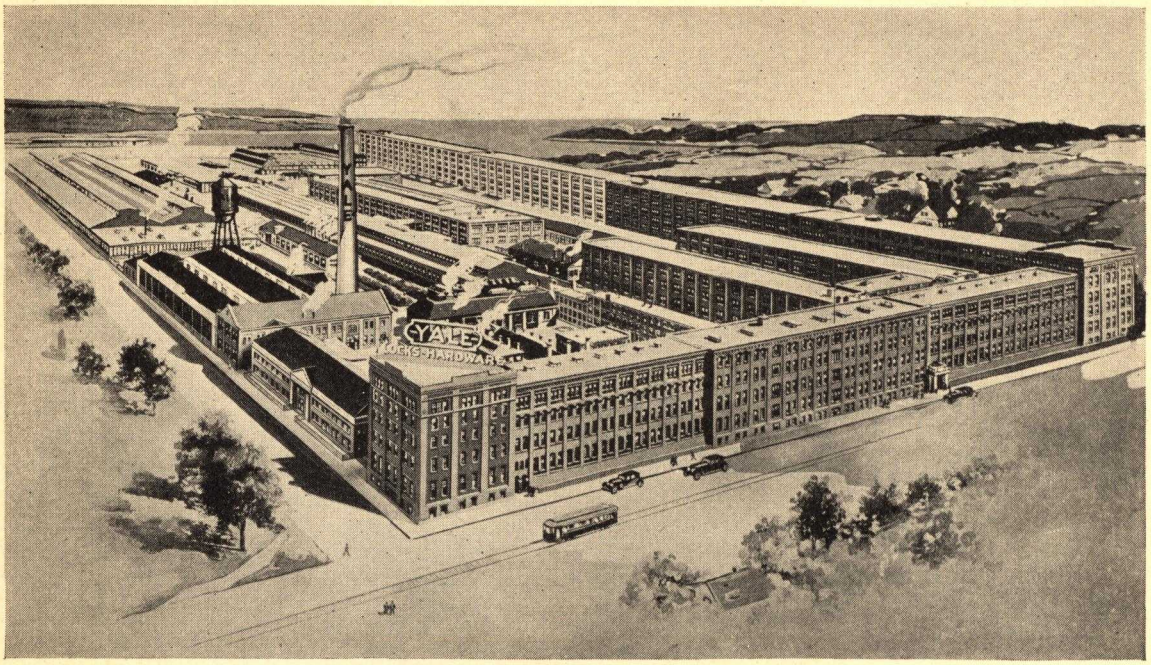
MANUFACTURED BY

THE HEINN COMPANY MILWAUKEE, U. S. A.

Originators of the Loose-Leaf System of Cataloging

Form No. 1032

TRADE **YALE** MARK



Stamford Division

PRODUCTS

OF THE

STAMFORD DIVISION

Builders' Locks and Hardware
Auxiliary Deadlocks and Latches
Padlocks
Cabinet Locks—Trunk Locks
Door Closers
Automobile Locks
Post Office Lock Boxes
Prison Locks—Bank Locks
Timelocks—Safe Locks
Safe Deposit Box Locks
Daylight Bank Protection Equipment
Rotary Pumps

And many kinds of locks for special purposes

TRADE YALE MARK

CATALOG No. 29

Builders' Locks and Hardware

Door Closers

An index and list prices are shown in the front part of each section.

Complete information covering the following products may be obtained on request

Padlocks, Auxiliary Deadlocks and Latches

Cabinet Locks and Trunk Locks

Key Blanks

Timelocks, Safe Locks, Safe Deposit Locks, etc., for Banks

Daylight Bank Protection Equipment

Automobile Locks

Post Office Lock Boxes

Prison Locks

Rotary Pumps

THE YALE AND TOWNE MANUFACTURING COMPANY
STAMFORD, CONN., U. S. A.

THE YALE & TOWNE MFG. CO.

Printed in U.S.A.

A Glance into Yale History

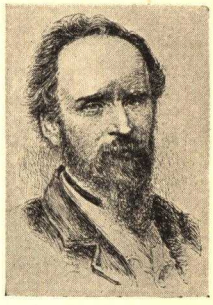


Linus Yale, Senior

NEARLY a century ago, in the little village of Newport, N. Y., about twelve miles northeast of Utica, the name Yale was first identified with locks. It was there that Linus Yale, Senior, started as a lock maker and produced the Yale Bank Lock, the first of the long and varied line of locks to bear that famous name.

Linus Yale, Senior, had a natural genius for mechanics which he first devoted to originating improvements in various milling devices. Later, he turned to designing and making bank locks which, in those days, were of intricate construction and always operated by keys. He also made a number of locks for use on doors, drawers and other places, all of high mechanical excellence.

In 1847, the same year in which he brought out the Yale Bank Lock, which was considered a masterpiece of ingenuity, he built in Newport, N. Y., a substantial stone building to serve as his factory. That building was known in that community as the "Yale Lock Shop."



Linus Yale, Junior

Linus Yale, Junior, his son, born in Salisbury, N. Y., in 1821, began his career as an artist. Soon, however, his inherited mechanical aptitude manifested itself and he followed in his father's footsteps as a designer and maker of locks. Although father and son were never in partnership, the younger Yale's first essays in the field were in his father's factory at Newport, N. Y. About 1855 Linus Yale, Junior, moved to Philadelphia and started in business for himself. Later he moved to Shelburne Falls, Mass.

Like his father, Linus Yale, Junior, first devoted himself to the design and manufacture of bank locks. Among them was the Yale Monitor Bank Lock which marked the transition from key locks to dial or combination locks. Later he began to apply his talents to the improvement of small locks for general uses. He employed "pin-tumblers" embodying the principle used thousands of years ago in Egypt, but by him skilfully adapted to modern conditions and needs. He also designed and developed the "metallic front" for Post Office lock boxes.



Henry R. Towne

In 1868, Linus Yale, Junior, formed a partnership with Henry R. Towne, which resulted in the organizing in October, 1868, of the Yale Lock Manufacturing Company. They erected a modest factory at Stamford, Conn. Unfortunately Linus Yale, Junior, died suddenly in New York (on Christmas Day, 1868) before the venture had been fully launched upon its career.

Mr. Towne at once became the active head of the Company, the first corporate name being The Yale Lock Manufacturing Company, which was later changed to The Yale & Towne Manufacturing Company. Until 1915 Mr. Towne continued to serve as President when, after 46 years in that position, he resigned to become Chairman of the Board, which position he occupied until his death in 1924. To his remarkable ability, both as an engineer and as an executive, and to his energy, foresight and integrity, the rapid but sound growth of the Company was largely due.

Today the plant of the Stamford Division occupies 25 acres, has 68 buildings and over 1,000,000 square feet of floor space.

During the years, The Yale & Towne Manufacturing Company has branched out into the manufacture of many other products in addition to locks and hardware. This Company is today a leader in the design and manufacture of various types of materials handling equipment. Yale Chain Hoists and Electric Hoists, Trolleys, Electric Trucks and Hand Lift Trucks are serving industry throughout the world with outstanding efficiency and economy.

To meet the demands of this expansion, other divisions have been added to the Company in the United States and abroad.

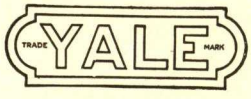
TRADE **YALE** MARK

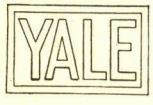
The word "YALE" used in connection with locks and hardware of all kinds and with materials handling equipment, including hoists, industrial trucks, etc., is exclusively the property of The Yale & Towne Manufacturing Company.

It is secured to them by the common law and by trade mark registry nearly all over the world, and it cannot lawfully be used on similar products made by others.

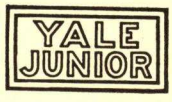
It is not the name of any article. It is an abbreviation of the Company's corporate name and for upwards of seventy years has been used to indicate products of their manufacture

TRADE **YALE JUNIOR** MARK









YALE MARKED IS YALE MADE

Trade-marks and Symbols

All persons are cautioned against using any of our trade-marks, trade-names, trade-numbers, or trade-symbols, except for the purpose of indicating that the goods with which they are associated have been manufactured by us. Our leading trade-marks have been registered throughout the world.

Wherever necessary we shall resort to legal process to maintain these rights, including those coming under the provisions of the laws relating to "unfair competition," which forbid the copying or imitation of goods originated and made by us, as to their appearance, style, dressing, or other distinctive characteristics, in any manner liable to mislead the public as to the origin of the goods.

PROPERTY OF PUBLIC WORKS OFFICE,
U. S. NAVAL AIR STATION, PENSACOLA, FLA.

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U. S. NAVAL AIR STATION, PENSACOLA, FLA.

July 21, 1939

PAGE	ADDITIONS AND CORRECTIONS TO NO. 29 CATALOG
V1	Fleury Design. In first column change the symbol to "HF".
XXV	Add - PX80 Finish - Sanded - Parkerized and black lacquered.
10A	New page describing Nos. 723, 724 and 733 series locks.
13	Nos. 76 and 77 Series Deadlatches. Add to description. "No. 77¼ deadlatch; spacing inside, 2-3/8 in."
33	Nos. 872 and 875 Locks. Change length of lip on strike to, "1¼ in.
52	No. 1519 Lock. Change hubs to bronze, as this lock is now furnished regular with bronze hubs.
57	No. 5772 Series Locks. Change spacing to, "1⅜ in".
60	Nos. 1706 and 1716 Locks. Change size of front and size of strike for No. 1716 lock to, "7½ x 1-1/16 in."
	Nos. 1751 and 1761 Series. Change size of strike for No. 1761 lock to, "7½ x 1-1/16 in."
61	No. 1876 Lock. Change list number of key to, "S53."
62	No. 1060 Bolt. Change regular backset to "2-5/8 in." and change special backsets to "2, 2½ and 2¾ in." No. 254 lock. Change number of changes to "TWO."
66A	New page describing No. 314 series locks.
86A	New page describing No. 1943 Co-ordinating Device.
148	No. B67 Knob, change list number of rose to "No. B222."
150A	New page describing a number of new knobs.
156A	New page describing new wrought brass also porcelain and jet knobs.
168	Spindles. Add the following numbers, which are adjustable in the center, the same as No. 1169 on page 166.
	No. 1159 as No. 1189-5/16 in. with center adjustment for side knob screw.
	No. 1159½ as No. 1189-1/2 - 3/8 in. hub, 5/16 in. end, center adjustment for side knob screw.

PAGE

No. 2159 as No. 2189 - 5/16 in. with center adjustment for side knob screw.

No. 2159½ as No. 2189½ - 3/8 in. hub, 5/16 in. end, center adjustment for side knob screw.

Thickness of door must be given.

172A — New page describing key plates for bit key and cylinder locks.

177 — No. 266 Rim Sash Bolt. Change size of strikes to "1-7/16 x 9/16 in."

197 — Olive Knuckle Butts. Add Nos. 1790 and 2790 with ball bearings, in the 6 x 3-7/8 in. size. The No. 2789 butt is not made in the 6 x 5 in. size.

211 — Cancel Nos. 1061 and 2061 series of Casement Window Fasteners as they can no longer be supplied.

220 — No. 1165 Dutch Door Bolt. Change description: "Flat front for doors of either hand. Rabbeted, not reversible, specify hand." The hub of the No. 1165 bolt is set on the diamond.

221 — Drawer knobs are now furnished with a washer head machine screw for 1-1/8 in. wood.

246 — No. 2511 Door Pull. Change material to read "Cast iron".

250 — Nos. 1637 and 1638 Door Pulls have round bases, 1¾ in. dia.

262 — Nos. XP1661 and XP1671 Push and Pull Bars. Change size of bars to "7/8 x 7/8 in.

267 — Nos. 1248 and 2248 Sash Sockets are now made with four screws instead of two.

269 new — This page has been reprinted and Nos. 2380 - 1381 and 2381 lifts added.

276 — No. 840 Door Stop. Change size to "1-3/8 to 2-3/8 in."; 2-1/8 in. to center of rubber.

277 — Add Nos. 2846 and 2846½ Door Stops, which are the same as Nos. 846 and 846½, but are made of cast iron.

291 — Derbian Design. Add No. AD7590 Bit-key Front Door Set-759 lock, AD34 knobs, AD88 x AD88 Escutcheons.

PAGE

293 Linian Design. Add.

No. AL7590 Bit-key Front Door Set. - 759 lock, AL34 knobs, AL86 x AL86 Escutcheons.

296 Torian Design. Change the DT81 Escutcheon to "DT82", also change the DT81 Escutcheons, in the DT8174 set to "DT82".

301 Vernian Design. Add a letter "N" to the last set number on the page, which will make the set number "GAV15130N".

Add No. AV7590 Bit-key Front Door Set. - 759 lock, AV34 knobs, AV86 and AV86 escutcheons.

336 Chester Design. Add, No. NC34, 2 in. dia. Door knob.

362 Kalmar Design. Add.

No. PK244 Knob rose, 2-5/8 x 1-7/8 in.

No. PK1134 Cylinder Plate, 2-5/8 x 1-7/8 in.

379 Quito Design. Add, No. JQ536 16 x 4 in. Door pull (grip No. 138)
No. JQ1730 16 x 4 in. Push plate.

394 Weymouth Design. Change the size of the PW1730 push plate 14 x 3½ in. to read "14 x 2½ in."

397 Winthrop Design. Change size of No. RW87 escutcheon to, "8½ x 2½ in."

400 Yorktown Design. Add, No. HY1730 16 x 4 in. Push plate.

Catalog of

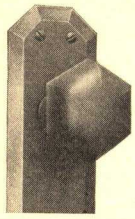
YALE
BUILDERS' HARDWARE

Builders' Locks
Miscellaneous Hardware
Cast and Wrought Designs

THE YALE & TOWNE MFG. CO.
STAMFORD, CONN., U. S. A.

DESIGN INDEX

Cast Bronze or Brass



KA—Alameda
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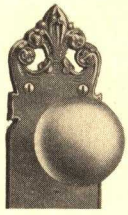

LA—Alencon
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MA—Amboise
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NA—Amherst
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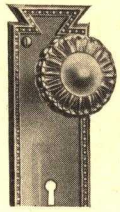

QA—Argos
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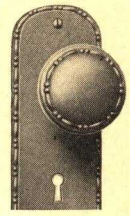

RA—Arlington
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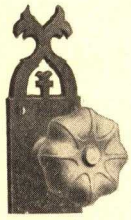

SA—Ashby
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TA—Athens
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VA—Austerlitz
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WA—Auvergne
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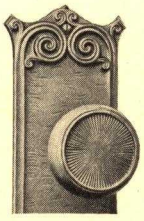

VB—Beaumont
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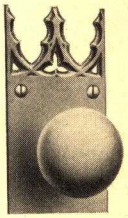

HB—Beauvais
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NB—Bolton
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TB—Breton
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LC—Chambord
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NC—Chester
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PC—Cluny
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QC—Coburg
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RC—Cologne
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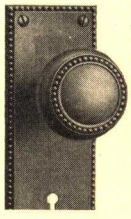
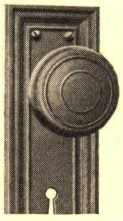


SC—Colonna
Page 340



HD—Dartmouth
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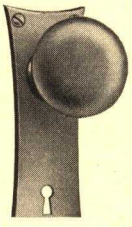

JD—Dedham
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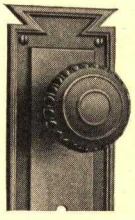

WD—Delos
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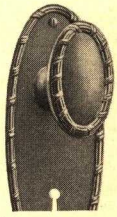

OD—Dormans
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PD—Dortrecht
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SD—Dreux
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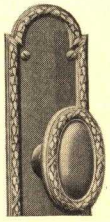

TD—Drouet
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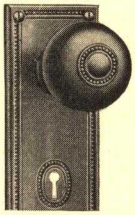
LE—Ephesus
Page 348



PF—Fairfax
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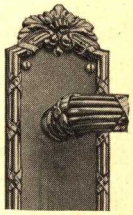
HF—Fleury
Page 350



RF—Fontaine
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DESIGN INDEX

Cast Bronze or Brass



LG—Gardo
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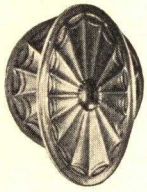

MG—Gateshead
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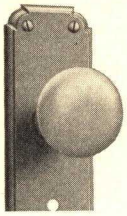

RG—Groton
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QG—Guise
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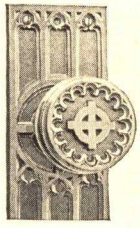
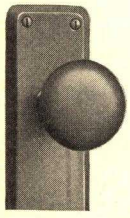
OH—Hatton
Page 356



TH—Hendon
Page 357



LI—Inwood
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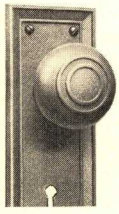

OJ—Jackson
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QJ—Joigny
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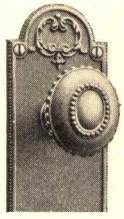

PJ—Jourdan
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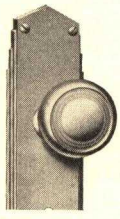

PK—Kalmar
Page 362



PL—Largo
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ML—Lodi
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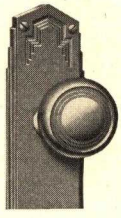
OL—Lorraine
Page 365



TL—Lynate
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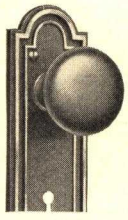

UM—Malaga
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GM—Marathon
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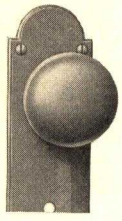

LM—Medford
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SM—Murano
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RN—Nantes
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ON—Navarro
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QN—Newcastle
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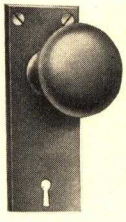

GN—Newton
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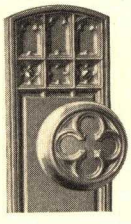

JO—Oxford
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IP—Palermo
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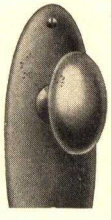

HP—Piedmont
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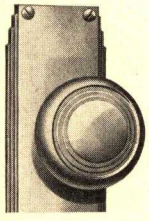

MQ—Quartan
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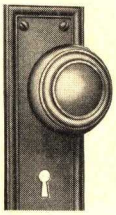

HQ—Queenstown
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JQ—Quito
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RR—Ramsey
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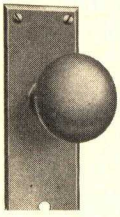

GR—Revere
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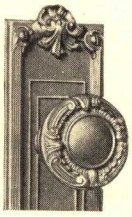

KR—Riberac
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PR—Rohan
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Cast Bronze or Brass



HR—Rokeby
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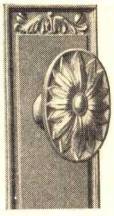

JS—Savoy
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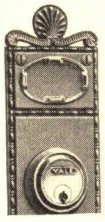

MS—Siena
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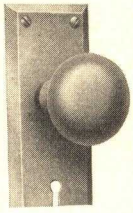

GS—Stonington
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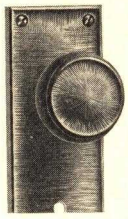

MT—Touraine
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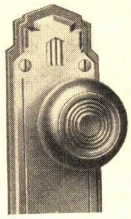

PT—Tower
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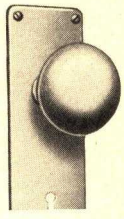

GT—Trenton
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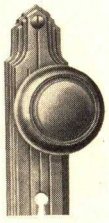

LT—Tuscon
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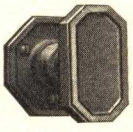

NU—Urbita
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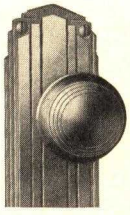

QV—Verticon
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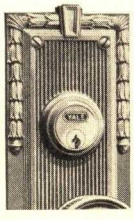

UV—Vigone
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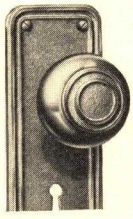

JW—Warwick
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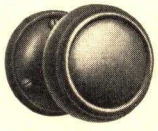

SW—Wellesley
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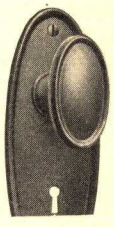

PW—Weymouth
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IW—Wilton
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TW—Windsor
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RW—Winthrop
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HX—Xenia
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OY—Yates
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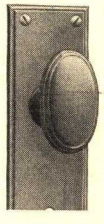

HY—Yorktown
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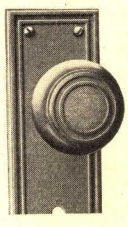

NY—Yuma
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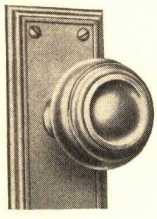
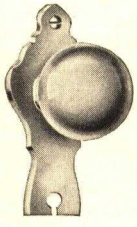
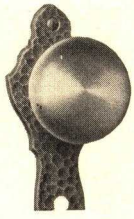
Wrought Brass and Steel Designs



Athenian—Page 286
CA—Brass AA—Steel



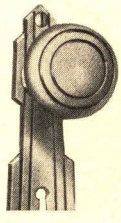
Bordian—Page 288
CB—Brass AB—Steel



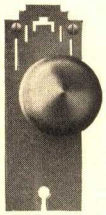
Cordovian—Page 289
CC—Brass AC—Steel



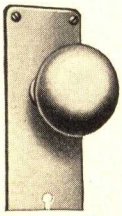
Derbian—Page 290
CD—Brass AD—Steel



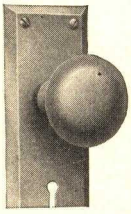
Linian—Page 292
CL—Brass AL—Steel



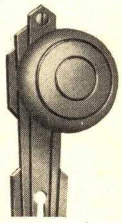
Miltonian—Page 294
CM—Brass



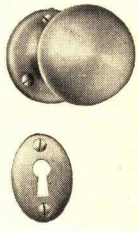
Torian—Page 296
DT—Brass



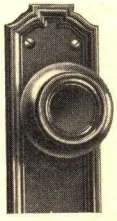
Utopian—Page 298
DU—Brass BU—Steel



Vernian—Page 300
CV—Brass AV—Steel



Yardian—Page 302
DY—Brass BY—Steel



Zenobian—Page 304
CZ—Brass AZ—Steel

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AD	Derbian "	290
AL	Linian "	292
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AZ	Zenobian "	304
BU	Utopian, steel	298
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CB	Bordian " "	288
CC	Cordovian " "	289
CD	Derbian " "	290
CL	Linian " "	292
CM	Miltonian " "	294
CV	Vernian " "	300
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81643A	"	38
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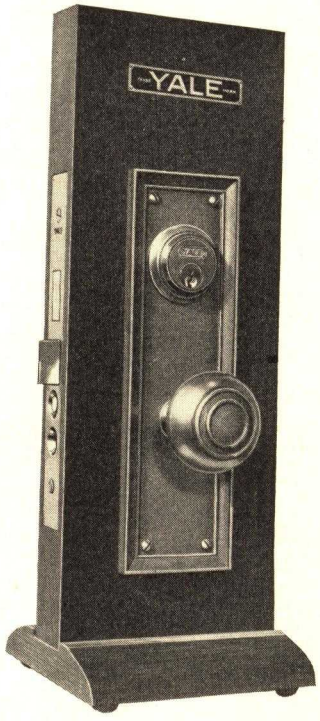
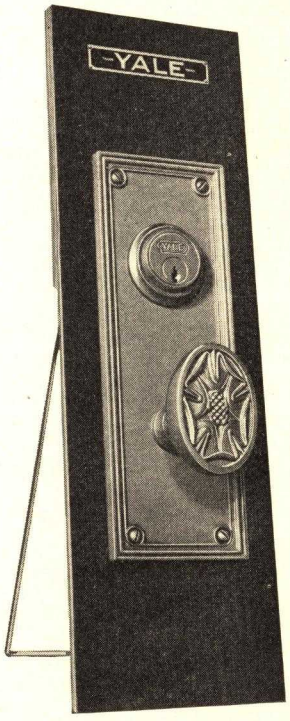
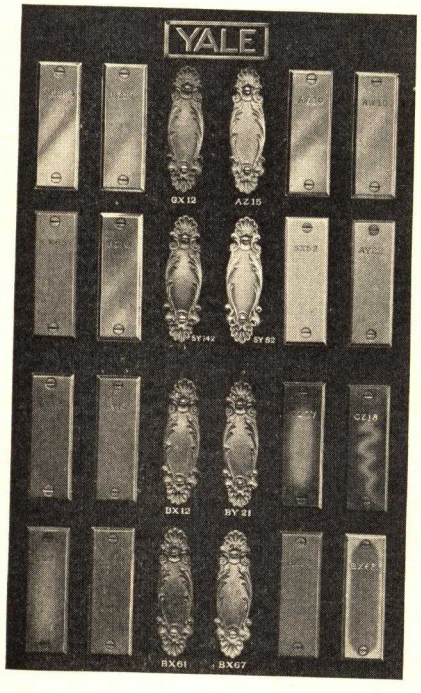
SAMPLE BOARDS AND BLOCKS



No. 3 Sample Block



No. 11 Sample Board



Sample Board of Finishes

Sample Blocks

No. 1	For Inside Lock Set	11 x 5½ x 1⅜ in.
No. 2	" Front Door Bit Key Set	13 x 5½ x 1⅜ "
No. 3	" " " Cylinder Set	15 x 5½ x 1¾ "
No. 4	" Entrance Door Bit Key Set	18 x 5½ x 1¾ "
No. 5	" " " Cylinder Set	24 x 5½ x 1¾ "

Sample Boards

No. 10	For Mounting Builders' Hardware	9⅜ x 4 x ½ in.
No. 11	" " " "	14¾ x 4⅝ x ½ "
No. 12	" " " "	14¾ x 9⅜ x ½ "
No. 13	" " " "	18 x 5½ x ½ "
No. 14	" " " "	24 x 5½ x ½ "

Sample Board of Finishes

Contains 24 small metal plates of Standard Finishes
Size 14¾ x 9⅜ x ½ in.

HAND AND BEVEL OF DOORS

A lock indicated in this catalog as "reversible," may be used on doors of either hand, except where the edge of the door is beveled. In that event both the **hand** and the **bevel** must be specified. In all cases it is best, however, to specify the hand of a lock, in accordance with the diagrams shown on the opposite page.

RULES:

1. The hand of a door is determined from the **outside** (except on French doors and casement sash on which cremone bolts or casement fasteners are used, when the hand is taken from the inside).

The "outside" is the street side of an entrance door, and the corridor side of a room door.

The "outside" of a communicating door is the side from which the butts are not visible when the door is closed.

The "outside" of twin doors is the space between them.

The "outside" of a closet, cupboard or bookcase door is the room side.

2. If, standing **outside** a door, the butts are on the right, it is a right-hand door; if on the left, it is a left-hand door.

If, standing outside, the door opens from you, or inward, it takes a lock with regular bevel latch bolt; if opening outward, it takes a lock with reverse bevel latch bolt. (See Figs. 20 to 27.)

3. A door is beveled when its edge is not at a right angle with its surface. Mortise locks for such doors require beveled fronts to correspond with the doors. This bevel is expressed by stating the thickness of the door and the distance which one edge drops back from the other. The standard bevel is one-eighth of an inch in two inches (Fig. 16). The use of beveled front locks should be avoided where no real need for them exists.

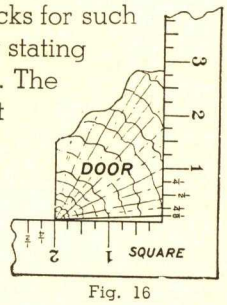


Fig. 16

4. Mortise locks, as commonly made, have reversible latch bolts, to permit the lock to be used on either a right-hand or a left-hand door. The question of a **reverse bevel latch bolt** is involved only where locks are not reversible, such as front-door and vestibule locks, locks with "gun-spring" hub, etc.

5. Mortise locks used on double doors having rabbeted faces require fronts of corresponding sectional forms. To avoid the extra cost of special patterns, the faces of such doors should conform to established lock standards. The standard rabbet is one-half inch, as shown in Fig. 17.

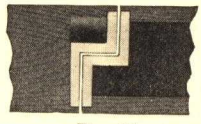


Fig. 17

A **mortise** lock, whether regular or reverse bevel, takes the same strike. A reverse bevel **rim** lock requires a different strike than does a regular bevel rim lock. (See Figs. 18 and 19.)

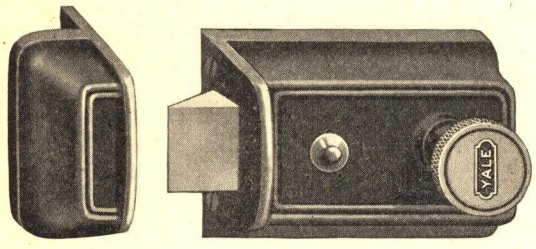


Fig. 18
Door, opening inward; requires **regular** bevel bolt and strike

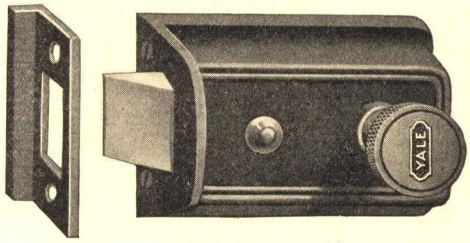


Fig. 19
Door, opening outward; requires **reverse** bevel bolt and strike

HANDS OF DOORS

Mortise Locks

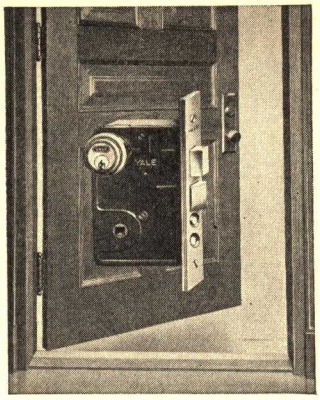


Fig. 20 Left hand, regular

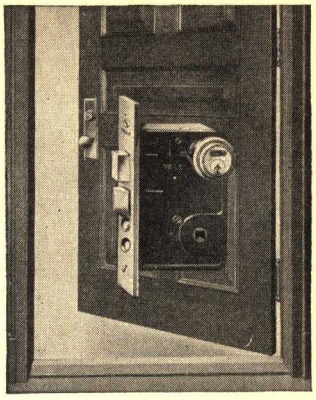


Fig. 21 Right hand, regular

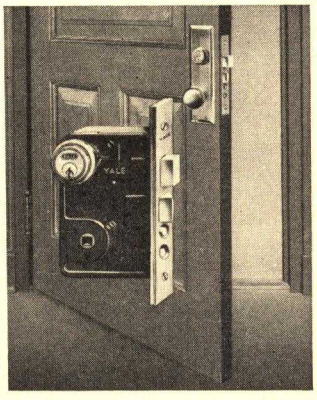


Fig. 22 Left hand, reverse

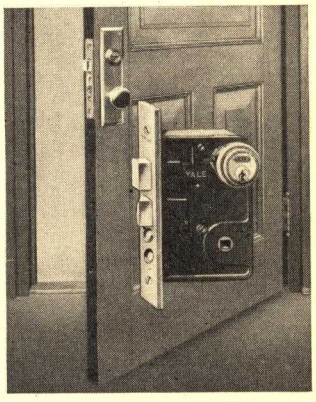


Fig. 23 Right hand, reverse

Rim Locks

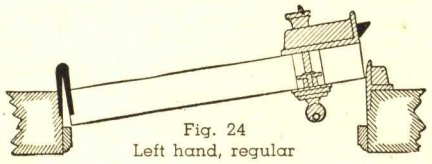


Fig. 24
Left hand, regular

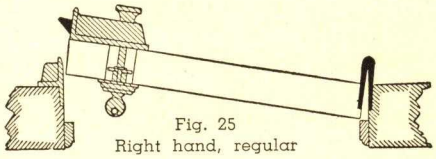


Fig. 25
Right hand, regular

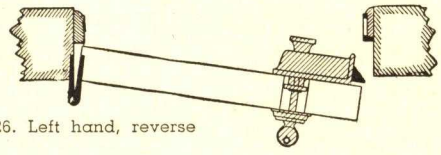


Fig. 26. Left hand, reverse

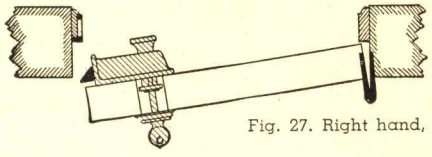


Fig. 27. Right hand, reverse

Cupboard and Book-case Locks

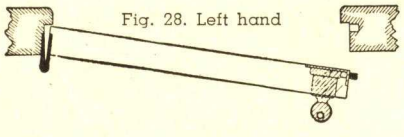


Fig. 28. Left hand

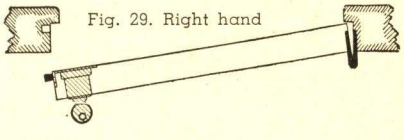


Fig. 29. Right hand

Casement Windows

Left hand

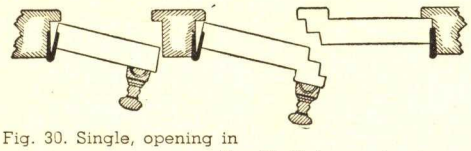


Fig. 30. Single, opening in

Fig. 31. Pair, opening in

Right hand

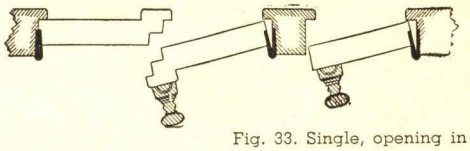


Fig. 33. Single, opening in

Fig. 32. Pair, opening in

Casement windows opening out follow the same rule

METALS AND FINISHES

Each finish symbol consists of two letters and a number, in which—

The first letter indicates the **metal** of which the article is made or with which it is plated.

The second letter indicates the **texture** of the surface.

The number indicates the **color.**

Thus in the symbol BZ10, the first letter, B, indicates bronze metal or bronze plate; the second letter, Z, that the surface is buffed, and the numeral 10 that the natural color of the metal or plate is retained.

In the catalog description of Yale Locks and Hardware the word "Bronze" is used in many places to designate either bronze or brass. Any item listed as "Bronze" will be supplied in brass when required. When cast or wrought "Bronze" items are ordered in Brass Finishes, brass metal is used.

FX80 Finish. Although known to the trade as "Rust proof" this finish is not recommended for use on exterior doors nor for either exterior or interior doors in damp climates.

Metals or Platings
(First Letter)

A = Brass metal or brass plated.
B = Bronze metal or bronze plated.
C = Copper plated.
N = Nickel plated or Nickeline.
D = Chromium plated.
G = Gold plated.
S = Silver plated.
L = Aluminum metal.

Textures of Surfaces
(Second Letter)

V = Unpolished.
W = Wheeled finish (surface polished but not buffed).
X = Sanded finish (fine grain, as from statuary moulding).
Y = Dull finish (without bright polish).
Z = Buffed surface (bright and highly polished).

Colors of Surfaces
(The Number)

10. Natural color of metal.
12. Oxidized and relieved.
12½. Oxidized and relieved, high parts and edges buffed.
13. Oxidized and relieved, light.
14. Colored dark tint, no relief.
21. Oxidized dark in low parts of ornament only, high parts light.
22. Dull, natural color.
23. Oxidized, light; oil rubbed.
24. Oxidized.
25. Statuary bronze.
27. Old metal, medium dark, vertical relief.
28. Old metal, oxidized and relieved.
28½. Old metal, oxidized and relieved, high parts and edges buffed.
36. Imitation half polished iron, black lacquered and relieved.
40. Natural color, nickeline metal.
46. Imitation half polished iron on nickeline metal.
52. Light oxidized, no relief (on brass metal only).
56. Imitation half polished iron, oxidized dark, high parts relieved.
65. Statuary bronze, dark.
67. Verde antique (on bronze metal only).
80. Bower-Barff or its equivalent.
90. Imitation Bower-Barff.
110. Natural color of metal (unlacquered).
804. Dark relief.

STANDARD FINISHES

The numbers of finishes as used by the U. S. Bureau of Standards, are given for comparative information only and should not be used when ordering.

Symbol	Surface	Color	U. S. Bureau of Standards Number
		BRASS METAL OR BRASS PLATE (A)	
AW10*	Wheeled	Natural color	.....
AW110*	"	" " unlacquered	.....
AZ10	Buffed	" "	US3
AZ110	"	" " unlacquered	.....
AX28	Sanded	Oxidized and relieved	US6
AX28½	"	" " " high parts and edges buffed	US7
AY21†	Dull	" " "	US5
EAY21†	"	" " " and etched	.....
AY22	"	Natural color	US4
AY23	"	Oxidized and relieved, oil rubbed	.....
AY24	"	Old metal dark	.....
AY52	"	Imitation gold	.....
		BRONZE METAL OR BRONZE PLATE (B)	
BW10*	Wheeled	Natural color	.....
BW110*	"	" " unlacquered	.....
BZ10	Buffed	" "	US9
BZ110	"	" " unlacquered	.....
BX12	Sanded	Oxidized and relieved	.....
BX12½	"	" " " high parts and edges buffed	.....
BX13	"	" " " light	US12
BX13½	"	" " " high parts buffed	US13
BX25	"	Statuary bronze	US21
BX67	"	Verde antique	US22
BX80	"	Oxidized black (imitation Bower-Barff) on bronze metal only	US19
BY14	Dull	Statuary bronze, medium	.....
BY21†	"	Oxidized and relieved	US11
EBY21†	"	" " " and etched	.....
BY22	"	Natural color	US10
BY23	"	Statuary bronze, light, oil rubbed	.....
BY24	"	" " "	.....
BY25	"	" "	US20
BY65	"	" " dark	US20A
		COPPER PLATE (C)	
CZ27	Buffed	Oxidized dark, vertical relief (Antique copper)	US8
		CHROMIUM PLATE (D)	
DZ10	Buffed	Natural color	US26
DY10	Dull	" "	US26D
DY21†	"	Oxidized and relieved	.....
DZ21†	Buffed	" " "	.....
DY40	Dull	Natural color on nickeline metal	.....
DZ40	Buffed	" " " " "	.....
		ALUMINUM METAL	
LZ10	Buffed	Natural color	.....
LY22	Dull	" "	.....
		SILVER PLATE (S) (on brass or bronze metal only)	
SZ10*	Buffed	Natural color	.....
SY10	Dull	" "	.....
SY52	"	Oxidized and relieved	US23
SY804	"	Dark relief	.....
		GOLD PLATE (G) (on brass or bronze metal only)	
GY10	Dull	Natural color	US24
GX12	Sanded	Imitation mercury gold	
		NICKEL PLATE OR NICKELINE METAL (N)	
NZ10	Buffed	Natural color	US14
NX10	Sanded	" "	US16
NX10½	"	" " high parts buffed	US17
NX36	"	Imitation half polished iron, black lacquered and relieved	.....
ENX36	"	" " " " and etched	.....
NX56	"	" " " " oxidized dark, high parts relieved	.....
NX65	"	Imitation rusted iron (only furnished on items so listed)	.....
NY10	Dull	Natural color	US15
NY21†	"	Oxidized and relieved	.....
ENY21†	"	" " " and etched	.....
NZ40	Buffed	Natural color, nickeline metal	US25
NX46	Sanded	Imitation half polished iron (as NX56) but on nickeline metal	.....
		MISCELLANEOUS	
CM	.....	Cadmium plated	US2C
J	.....	Bright japan	US1B
DJ	.....	Dead black japan	US1D
FX80	Sanded	Bower-Barff (on iron and steel only)	US18
FX90	"	Imitation Bower-Barff on iron and steel	.....

* For plain hardware only. † For ornamental work only.

MISCELLANEOUS INFORMATION

Dimensions

Where more than one dimension is given, as with locks or escutcheons, the first dimension is always the vertical, or height; the second dimension is the horizontal, meaning the length or width.

Lock Sets with Split Finishes

On all orders for lock sets carrying two different finishes, the first symbol will designate the outside finish and the second will cover the lock front and inside finish.
In the case of reverse bevel doors, the same rule will apply, but customer should indicate that the doors open out, or give the finish of the lock front.

Compensating Hubs

A lock hub having an elongated spindle hole to compensate for the shrinking and swelling of a door, and to prevent trouble with the lock from these causes.

Easy-Spring Latch Bolt

Easy-Spring Latch Bolt—A construction in which two springs are used, one acting only on the latch bolt, but both acting on the knob hub. The light or easy spring acts on the latch bolt only, permitting the door to close easily. Both springs oppose the rotation of the knobs.

Stop Work Omitted

Locks ordered with stop work omitted will be furnished (unless otherwise specified) with the outside knob pinned fast, so as to be at all times inoperative.

Push and Pull Plates Cut for Cylinder or Keyhole

Unless otherwise ordered the cylinder or keyhole will be cut at the bottom of push plates and at the top of pull plates.
The location of the cylinder or keyhole from the end of plain plates will be one-half the width of the plate. On plates having moulding or ornament the cylinder or keyhole will be located one-half the width of the panel surface from the end of the panel or plain surface.

Locks with Special Section Plugs and Keys

Pin-tumbler locks and latches can be furnished at an extra price with plugs and keys of a special section not generally used.

Sizes

The sizes of articles in our catalog are subject to the ordinary variations caused by grinding, polishing and finishing. When so ordered goods are made "to template" for use on metal work or other places where accurate measurements are essential. Blue print templates can be supplied giving the exact dimensions.

Better Service

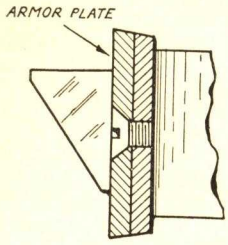
It is our desire to give prompt shipping service to our customers. To this end it is important that the orders received contain all the information necessary for immediate entry.
Our principal trouble is experienced with what is known as contract orders, in which there are numerous special conditions, on which full details should be given, such as:

Thickness of doors,
Hand of locks,
Keying instructions; name of building, location, and owner,
Quantity of master-keys and grand master-keys,
Finishes,
Kind of strike required on cremone bolts and casement fasteners,
Special conditions requiring actual details,
Rabbeted and beveled fronts,
Special backsets,
Sizes of escutcheons, push plates, etc.

To change an order that has been entered on the factory involves considerable time, trouble, expense, and serious delay, as many of the items must be made up complete from the foundry, as they cannot be furnished from stock, on account of special finishes, backsets, bevels, etc.
Sometimes certain locks or sets of locks in a master-key system are not to be master-keyed. To avoid all possibility of error such locks or sets of locks should be plainly marked "not master-keyed." This will help us to supply the goods as required without unnecessary correspondence and delay.
In making up orders for goods to be used on contract jobs, it is advisable for our customers to number each item. (See example below.) This plan invariably works out to the advantage of all concerned.

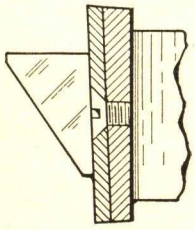
Item No.		
1	50 sets 1674 locks x 1 pair NY35 knobs x 2-NY87 plates x Y5 indicators	AY21
2	50 sets 1820 locks x ½ pair NY35 knobs x 1-NY86 plate x 1189 closet spindle	AY21
3	50 sets 1524 locks x 1 pair NY35 knobs x 2-NY86½ plates	AY21
4	50 sets 1519 locks x ½ pair NY35 knobs x 1-NY86 plate	AY21
	x ½ pair D35 knobs x 1-G222 rose x 1-DY1305½ turn knob and plate	NZ10
5	50 DU8020 Inside Sets	AY22
6	10 GN74285 Entrance Door Sets	AY22
7	10 DU15120 Bathroom Sets	AY22 x NZ10

MISCELLANEOUS INFORMATION



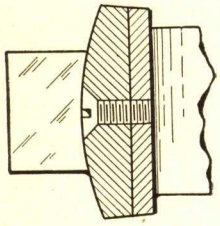
Armored Front

The front of a cylinder lock is sometimes covered by an armor plate or false front, fastened to the front of the lock by machine screws. This serves to protect the set screw which holds the cylinder in place, making it impossible to loosen the set screw when the door is open and later remove the cylinder and unlock the door without a key. The armor plate also carries the finish and can be removed when the door is painted, so that it will not be daubed with paint.



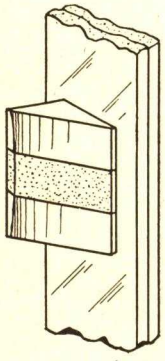
Beveled Front Locks

The regular bevel is 1/8 inch in 2 inches. Only when so listed in the catalog, will builders' locks and latches be furnished with beveled fronts. When so ordered, the standard bevel of 1/8 inch in 2 inches will be supplied on the No. 1500 and locks of higher grade without extra charge. All other bevels are special and an extra charge will be made for them.



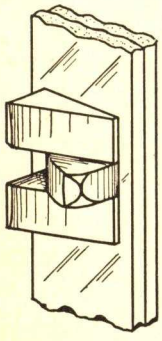
Rounded Front Locks

Cylinder or bit key mortise deadlocks can be furnished with rounded fronts for use on double-acting doors, standard radius, 2 1/4 inches.



Self-Lubricating Latch Bolt

The self-lubricating latch bolt furnished in all mortise cylinder locks and latches, provides a permanent though slight lubrication for the latch bolt and strike, which will overcome the hard closing action resulting after the latch bolt and strike have become worn and dry. This result was obtained by inserting in the latch bolt head a piece of oil impregnated hardwood, such as has been used for years in the manufacture of gears and heavy duty bearings. This insert not only provides lubrication at the point of contact between the latch bolt and strike; it also gives constant lubrication at the two sides of the latch bolt head, thus overcoming the friction between the strike and the latch bolt.



Anti-Friction Latch Bolt

A small latch projects beyond the beveled latch bolt, which engages the strike and retracts the regular latch bolt. It prevents friction and permits the door to close easily.

MISCELLANEOUS INFORMATION

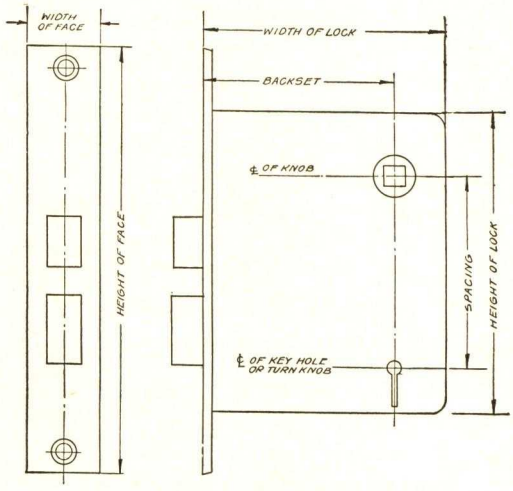
Backset

The **backset** is the horizontal distance from the front of the lock to the center line of its knob or key hole.

In flat front locks the backset is measured from the outside face of the front to the center of the hub or key hole.

In beveled front locks, from the center of the outside face of the front to the center of the hub or key hole.

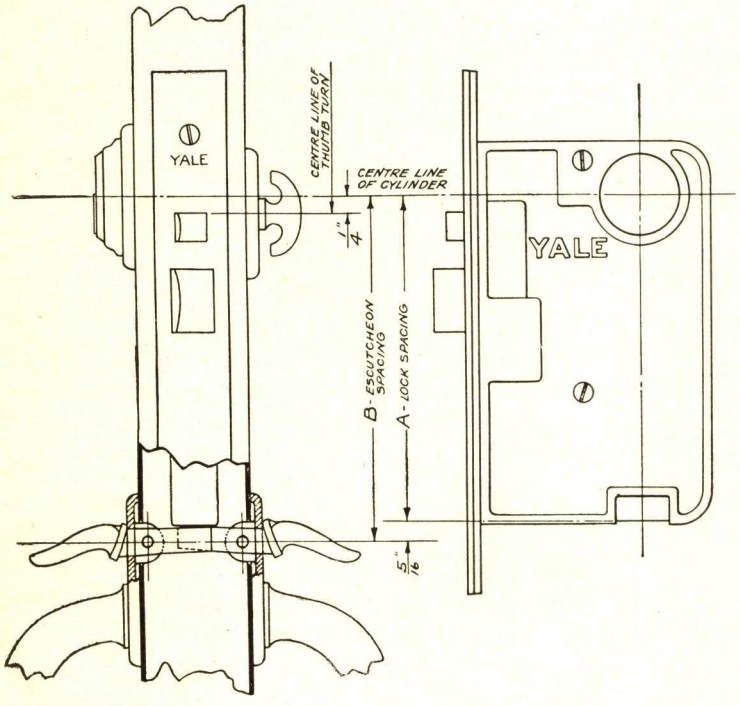
In rabbeted front locks, from the outside face of the lower step of the front to the center of the hub or key hole.



Spacing

By **spacing** is meant the distance between the center of the knob hub to the center of the cylinder hole or key hole of a lock.

Spacing of Store Door Locks and Handles



A – SPACING OF STORE DOOR LOCKS IS THE DISTANCE FROM THE CENTRE OF THE CYLINDER OR KEY HOLE TO THE UNDERSIDE OF THE PUSH PIECES

B – SPACING OF STORE DOOR ESCUTCHEONS IS 5/16" GREATER THAN THE SPACING OF THE LOCK AND IS THE DISTANCE FROM THE CENTRE OF THE CYLINDER OR KEY HOLE TO THE FULCRUM OF THE THUMB PIECE

A = 4 7/8" B = 5 3/16"		A = 4 3/8" B = 4 11/16"	A = 3" B = 3 5/16"
8426 1/4	7426 1/2	426 1/4	405
8428	7428	428	
8432 1/2	7432 1/4	432 1/4	
8438	7438	438	
8472 1/2	7472 1/4	472 1/4	
8482	7482	482	
8482 1/2	7482 1/4	482 1/4	

Above drawing with the explanation and table, describe the proper way of measuring the spacing of Store Door locks and handles, when long plates are used.

THE YALE CYLINDER LOCK

LINUS YALE, junior, made many notable contributions to the art of lock making, but undoubtedly the greatest of these was the Yale Cylinder Lock. As previously stated, the pin-tumbler mechanism of this lock, used in crude form by the early Egyptians, had been adopted and modernized by Mr. Yale's father, whose pin-tumbler mechanism was built into the lock case and was operated by round keys. Linus Yale, junior, reduced this mechanism to its present accepted dimensions, made it a separate part of the lock mechanism, the "cylinder," added the rotating "plug" to support the key, and substituted for the round key, then in universal use and usually of large size, a small flat key, whose length (about two inches) was constant for doors of all thicknesses. These great advances in the art were revolutionary, and have profoundly affected all of its subsequent development. In like manner, the fine and accurate workmanship demanded by the cylinder, necessitating the employment of the best machine tools and processes, in place of the crude appliances and methods then used in lock making, exerted an influence for improvement which has also been felt throughout the lock industry, and has aided greatly to raise it to its present high level of mechanical excellence.

The lock cylinder of Mr. Yale, like many other great improvements, has the merit of simplicity. It consists of a shell or container (usually cylindrical, to facilitate its application to the lock case), within which is located, eccentrically, a revolving plug (the rotation of which operates the bolt of the lock) and the pin-tumbler mechanism, which prevents rotation of the plug until set by the proper key. Fig. 3 is a longitudinal section of the cylinder, and Figs. 4, 5 and 6 are transverse sectional views. Each of the five pin-chambers contains three parts, namely: the tumbler, the driver, and the spring. Each driver bars the rotation of the plug, as shown by Figs. 3 and 4, unless its tumbler is raised so that the joint between it and its driver exactly coincides with the joint between the plug and the cylinder, as shown by Fig. 5. When all five tumblers are so raised, by the insertion of the proper key, as shown by Fig. 5, the plug may be rotated to operate the bolt, carrying with it the tumblers, as shown by Fig. 6. The slightest inaccuracy in the setting of any pin-tumbler will prevent rotation of the plug. Hence arises the unrivaled capacity of the cylinder lock for key-changes, and its resulting safety against the accidental interchange of keys.

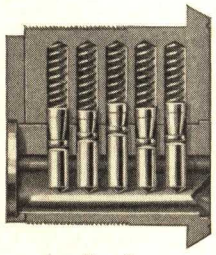


Fig. 3
Longitudinal Section of Cylinder showing all five tumblers in bottom position as in Fig. 4. The "drivers," or upper tumblers, prevent rotation of the plug

The "Mushroom" type driver (so-called from its shape) for pin-tumbler cylinder locks was devised to provide maximum security against picking.

Note from the illustration that the driver tapers from the top to the lower or "Mushroom" end. In lock picking the first requisite is applying torque or twist to the plug thereby gripping the drivers with the plug held in this cramped position. When an attempt is made to move the tumblers by means of picking instruments, the driver is thrown into a tilted position so that the "Mushroom" end engages with the scoring around the pin hole in the cylinder. In this position the joint between the pin and the driver cannot be detected.

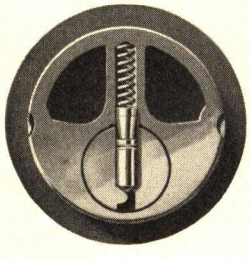


Fig. 4
Cross-section of Cylinder
Pin-tumbler at bottom

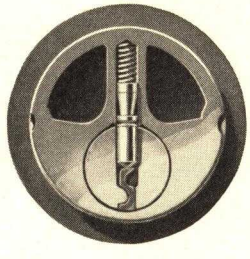


Fig. 5
Cross-section of Cylinder
Pin-tumbler raised by key to correct position

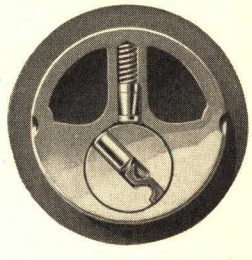


Fig. 6
Cross-section of Cylinder
Plug partly rotated, carrying Pin-tumbler with it

Mr. Yale's original key for cylinder locks was flat, with a bow of trefoil design, as shown by Fig. 7. This was succeeded about 1878, by the corrugated key (Fig. 8), which gave increased security. This in turn gave place to the key (Fig. 9), now used.

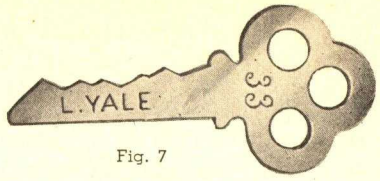


Fig. 7

DUPLICATE KEYS

We do not furnish duplicate keys for Yale Cylinder Locks, from the change number only, but require a sample key with each order. This is a means of preventing unauthorized persons from obtaining keys to which they have no right.

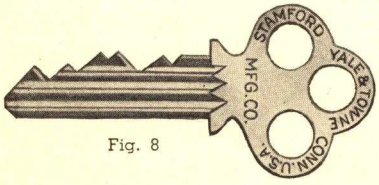


Fig. 8

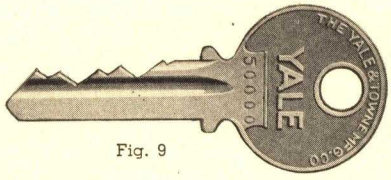


Fig. 9

LOCK SECURITY

Three types of locks, classified by the obstacle which must be overcome by the key to move the bolt, are in common use. Stated in order of excellence, these are as follows:

1. Cylinder locks (pin-tumbler).
2. Lever-tumbler locks ("secure lever").
3. Warded locks (fixed side or end wards).

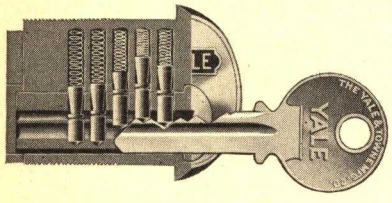


Fig. 10. Pin-tumbler

A **cylinder** (or pin-tumbler) lock, as described on the preceding page, is one in which the obstacle consists of a series of pin-tumblers (Fig. 10); it possesses the highest security and greatest capacity for key changes.

A **lever-tumbler** lock is one in which the obstacle consists of one or more flat tumblers, usually pivoted (Fig. 11), which must be moved to certain positions by the key to permit the latter to operate the bolt.

A **warded** lock is one in which the obstacle consists of fixed wards or ribs (Fig. 12), which the key must pass to permit the latter to rotate to operate the bolt.

All builders' locks, cabinet locks and padlocks are based on various combinations of the foregoing elements, arranged and adapted to the various uses for which the locks are designed.

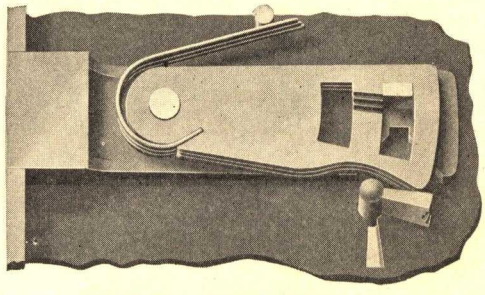
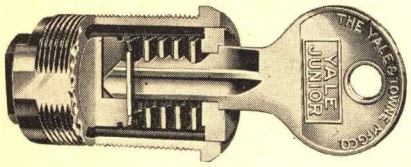


Fig. 11. Lever-tumbler



Disc Tumbler Lock

There is another type of lock made quite popular through automotive practice known as the **disc (or sliding)** tumbler lock. In this type of lock the insertion of the proper key so aligns the discs as to bring them within the diameter of the plug which may then be rotated in the shell, thus operating the bolt. In the locked position the ends of the discs extend into the shell and thus prevent the rotation of the plug. This

kind of lock offers reasonably good security when well made but permits very limited master keying and does not give the high degree of security obtainable with well constructed lever-tumbler or pin-tumbler locks.

The difference between the various grades of locks, in price and security, is very great, and usually the price is a measure of the security. The purchaser who wants security is willing to pay for it, when satisfied that he is **getting what he pays for.** Here is the lock expert's opportunity.

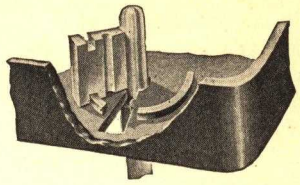


Fig. 12. Forms of wards

KEYS AND KEY CHANGES

Four types of keys are in common use, as shown below. As the security and quality of a lock depend on its "key mechanism," this chiefly determines the type of key.

The variations in the "bittings" of a key, and the corresponding variations in the tumblers or wards of the lock, are designated by the term **"key changes."** Thus, a cheap warded lock, having only four variations, is said to have four "key changes." This implies that every fourth lock will have the same key; for

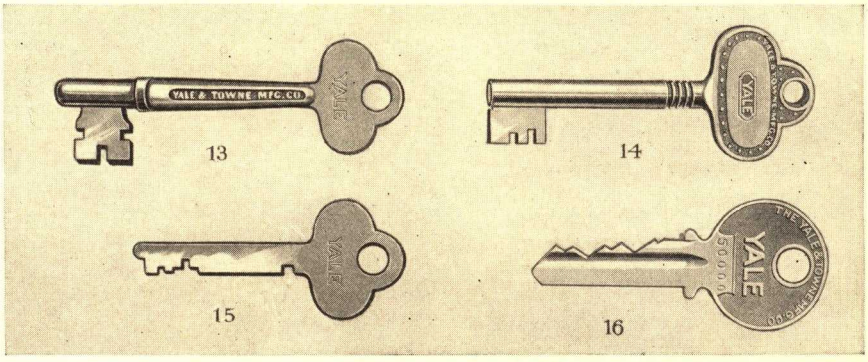


Fig. 13. The solid round key
Fig. 15. The flat key

Fig. 14. The barrel key
Fig. 16. The cylinder-lock key

example, locks Nos. 1, 5, 9, etc.; that only four different keys are needed to open **all** of the locks, no matter how many. The purchaser of such a lock should therefore understand that his lock may be opened by a key belonging to every fourth purchaser of similar locks.

In **warded** locks the number of key changes is small, usually 12, and frequently it is only 4. In **lever-tumbler** locks the number of key changes varies with the number and kind of tumblers, but usually is limited to 12, 24 or possibly 36, except in some of the high-grade locks of this class, in which it may be 144 or even more. In good **cylinder** locks the number of key changes is **practically unlimited.**

LOCK PICKING

In security against picking, cheap locks of the warded type are usually worth what they cost, and no more; they can be picked by the simplest tools and with little skill. They have sufficient security for some uses, where the danger of picking is remote, but afford little real security, especially in view of their limited number of key changes and the resulting liability of their being opened by the keys of other locks. Lever-tumbler locks offer very much better security against picking, but in these also the liability to opening by the keys of other locks exists. Where complete security is sought, preference should usually be given to the cylinder lock.

MASTER-KEY SYSTEMS

Simple Master-key System

Each lock has its own individual key which will not operate any other lock in the system, but all locks in the system can be operated by another key known as the **master-key.**

Grand Master-key System

Each lock has its own individual key, as in the simple master-key system, but the locks are divided into two or more groups, each group being subject to a **sub-** or **floor master-key**, and all groups, or the entire system, subject to another key known as the **grand master-key.**

Master-keyed or Grand Master-keyed Locks with Emergency Key Feature for Hotel Work

Each lock has its individual key, as in the master-keyed or grand master-keyed system, but all locks are subject to another key known as the **emergency key,** which will open any of the locks under all conditions, even when locked from the inside. Certain hotel locks are furnished with the emergency key feature. It cannot be furnished, however, with locks other than those so described in this catalog.

Apartment House System

Each apartment has its individual key, which will also operate the lock on the main entrance door to the building.

KEYS AND THEIR OPERATION

These descriptions apply to both the Yale Cylinder and Bit Key Locks, but only to the locks described as having the various keys.

Change or Guest's Key: Operates only one individual lock.

Sub-Master or Maid's Key: Operates one group of locks, or all locks on one floor.

Grand Master or Housekeeper's Key: Operates a number of groups of locks, or all locks on all floors, each group or floor being under control of a sub-master or maid's key.

Shut-out Key: Used only by the management to prevent guest's, maid's, or housekeeper's keys from operating the lock. When a guest's room door has been locked with a shut-out key, only it, or the emergency key, will unlock it.

Display Key: This key is to all intents and purposes an individual shut-out key to its particular lock. With it a guest can make his room door lock inoperative by any but the emergency key. It is designed for sample or display rooms, to prevent the entrance of the maid or housekeeper during the absence of the person responsible for the goods displayed.

Emergency Key: This is really a grand master-key, as it will operate all the locks in the system, even when locked from the inside, or from the outside by the shut-out or display key. This key is held by the management and it is to be used only in unusual cases, such as fire, sickness or suicide.

MASTER-KEYED LOCKS

The use of "Master keys" to control locks in series has now become so generally an accepted practice, and the convenience of a locking system thus arranged so obvious to those familiar with it, that we deem it advisable to offer the following enlightening information on this important subject:

A series of locks may be arranged, as to their keys, in any one of three different ways, namely:

1. **All different,** each key opening only one lock (regular, obtainable from stock).
2. **All alike,** any key opening all of the locks (special; but easily obtainable).
3. **Master-keyed**, with keys all different (as in 1), but with a master-key also, which passes all of the locks (as in 2), (special; must be made to order).

Warded Locks should not be selected for master-key work, because of their inferior quality and security, and limited number of key-changes.

Lever Tumbler Locks of many kinds are well suited for master-key work, afford excellent protection, and for some uses are often the preferred type. Their capacity for master-keying depends upon their internal construction, and, therefore, this is stated definitely in the description accompanying the illustration of each lock.

Cylinder Locks are admirably adapted for master-key work, offering the highest security and the greatest convenience and flexibility. It is possible with cylinder locks to include under one master-key various types of locks, such as builders' locks, cabinet locks, and padlocks, thus providing a convenience impossible with other types of master-keyed locks. The capacity of each of these for master-keying depends upon the size of cylinder used and the number of pins employed.

However, as the great majority of cylinder locks are furnished with our standard cylinder, the following general statement applies to such locks: "Can be master-keyed in one set, comprising any number of key changes usually required, all different, with a master-key to pass all locks; or in any number of sets usually required, each set having any number of changes, all changes different, with master-key to pass the locks in each set, and a grand master-key to pass all the locks."

The choice between the various kinds of locks, and various methods of master-keying should be made carefully, and with reference to all the conditions of use and the purposes in view.

A system of master-keyed locks may be divided into subordinate groups, the locks in each group being controlled by a "sub-master-key," each lock in the system having its own "change-key," differing from all others, and all the locks in the entire system being controlled by a "grand master-key."

Hotel Locks

Hotel Locks can be master-keyed in series, by floors or otherwise, as desired. Usually each corridor or room lock is controlled by its own change (or guest's) key, by a floor master-key for servant's use (the maid's key), and by a grand master-key for the manager's (or housekeeper's) use. Usually the construction preferred is such that, when locked from the inside, **none** of these keys will open the lock from the outside. With certain types of hotel locks it is possible to furnish also a fourth, or "emergency," master-key (usually kept in the manager's safe), which is capable of opening the lock under all conditions, even when **locked from the inside**. All of these questions should be determined before selecting the type of lock, and before planning a master-key system.

MASTER-KEYED CYLINDER LOCKS

When discussing cylinder master-key work, it should be emphasized at the outset that setting up cylinders to a master-key, no matter how simple the system, impairs their security against interchange as well as picking. This condition is brought about by the very nature of accomplishing master-keying, by cutting or discing pins. This cutting naturally introduces two joints instead of one between pin and driver.

Because of this, obviously the chances of interchange and picking in a master-keyed cylinder are two to one when compared with a cylinder set up regular.

It is therefore obvious that the more complex a master-key system, the less the security; or the simpler the set-up, the more security. Wherever a master-key system presents a complex situation, enlighten the authorities involved and strive for simplification, stressing the importance of security against inconvenience.

In arranging the master-key system for a given contract, Yale has two methods available, one of which should be selected in accordance with the extent of the immediate requirements together with the probability of requests for future extensions. These two methods or systems are the YALE SURETY and the YALE BICENTRIC.

SURETY MASTER-KEYING SYSTEM

The main feature of the Surety System consists in its use of a series of key sections, depending upon the size of the master-key system required, and is applicable to either large or small plug cylinders, which, however, cannot be master-keyed together. All sections may be passed by a grand-master and a series of sub-master keys.

A master-key system may be so small, where key changes are few and no sub-master keys are required, that a single section will meet the requirements. On the other hand, it may be so complicated and extensive as to demand all key sections. This varied section feature, combined with the cutting or discing of pins, results in a very greatly increased capacity, so that by means of special and unusual settings it is adaptable to meet most extensive and complicated requirements.

The master-key system which may be confined to a single key section will not necessarily be furnished in one of the series of master key sections. As a matter of fact it is more apt to be furnished in some other odd section, such as has always been done in the past. Therefore, if a small system is likely to grow into a large one by additional purchases, that fact should be announced at the outset, so that provision may be made for growth in the selection of the master-key and the sections to be used.

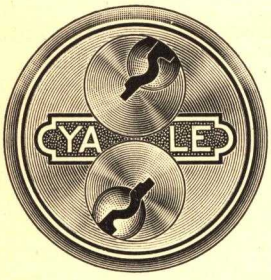


Fig. 1. The Bicentric Cylinder Full Size

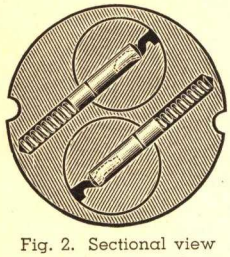


Fig. 2. Sectional view showing position of pins

BICENTRIC SYSTEM

The Bicentric cylinder is identical in size with the standard cylinder, and can be substituted for the latter in any Yale Cylinder Lock. Instead of one pin-tumbler mechanism, however, it contains two, each complete and independent (as shown by Figs. 1 and 2), each mechanism controlled by its own key only. The two key-ways usually have different sections, so that each key will enter only its own key-way.

Having two plugs, its capacity is practically the same as two cylinders. The design, however, is limited to the large size plug (.51 in.) only, and although it may be furnished in the large cylinder of rim construction, provision must be made for a longer key than is required for the acting pin length. In other words, a five pin cylinder requires a six pin key.

Where padlocks only are involved, the bicentric may be obtained in either the .40 in. or .51 in. size plug. It is understood, of course, that the latter may be master-keyed together with either the mortise or rim type bicentric cylinder.

The bicentric cylinder is not available in cabinet locks.

The thickness of door must always be given, also the trim with which the lock is to be associated, as this determines the length of the cylinders.

MASTER-KEYED CYLINDER LOCKS—Continued

By this invention the following results and advantages, never heretofore combined, are obtained, viz.:

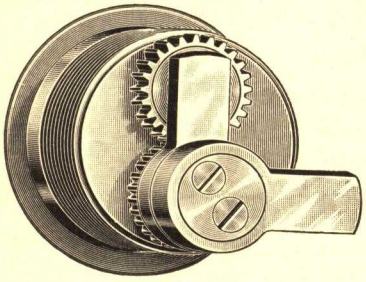


Fig. 3. Rear view showing cams

1. The full and unrivaled capacity of the Yale Pin-tumbler Cylinder Lock for key changes is available, unimpaired, both for the change-key and the master-key, this capacity exceeding all practical requirements.

2. The unrivaled security of the Yale Cylinder Lock is completely retained.

3. The absolute simplicity and durability in service of the Yale Cylinder Lock is maintained without any diminution.

4. The bicentric cylinder can be used with any Yale Cylinder Lock having one cylinder, in place of the standard cylinder, but cannot be used on both sides. It is possible to furnish a bicentric cylinder on one side and a regular No. 1122 cylinder on the other side.

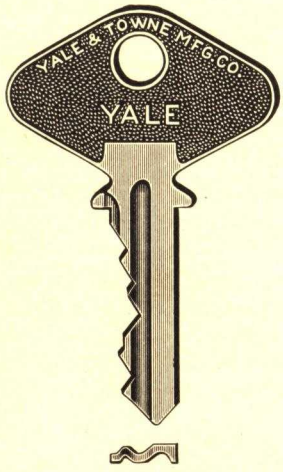


Fig. 4. Change key

5. The use of master-keys does not require locks of increased size or of special design.

6. The system facilitates the grouping of locks under grand master-keys, sub-master keys, floor master-keys, etc.

7. A special cross sectional shape of key and keyway, such that no other keys can be used with these cylinders, and that the keys used with the bicentric cylinder will not enter the keyway of other cylinders.

8. An attractive form of key bow whereby the keys used with the bicentric cylinder can be distinguished at a glance from all other keys.

9. These advantages entail but slightly greater cost than the single plug systems heretofore in use.

MASTER-KEY RECORDS

A record is kept by us of the keys used in every important installation of master-keyed locks. This is necessary, because without it we would be unable afterwards to make additions to a series without danger of unintentional duplication of keys, and because without it there would be great danger that a master-key furnished to one customer might control some or all of the locks furnished to another customer in the same locality. Our system of records, which has been maintained for upwards of 40 years, obviates this danger. To maintain unimpaired the protection thus assured to our customers, we have always made it a rule to decline to accept orders for master-keyed locks unless informed as to the **name and location** of the party by whom they are to be used. This information is, of course, treated as strictly confidential.

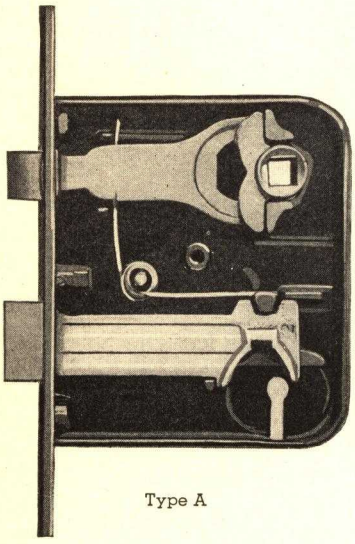
TRADE YALE MARK

BUILDERS' LOCKS

THE YALE & TOWNE MFG. CO.

BUILDERS' LOCK CONSTRUCTION

The illustrations on this and the following page indicate some of the various types of spring and latch construction used in our line of Builders' Locks. Each of these illustrations is identified by a letter, and in the descriptive text of each lock, reference is made to one of these letters, thus indicating the type of mechanism it embodies, which implies that the interior construction of the lock in question is of the same general character as the illustration.



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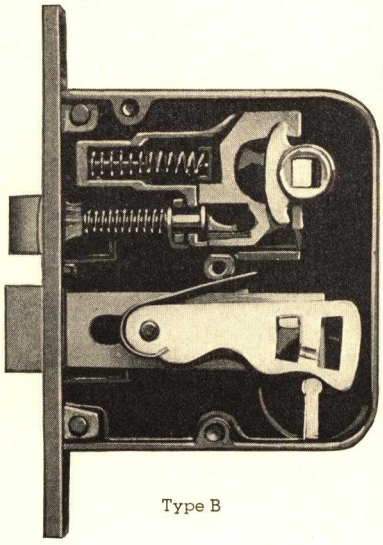

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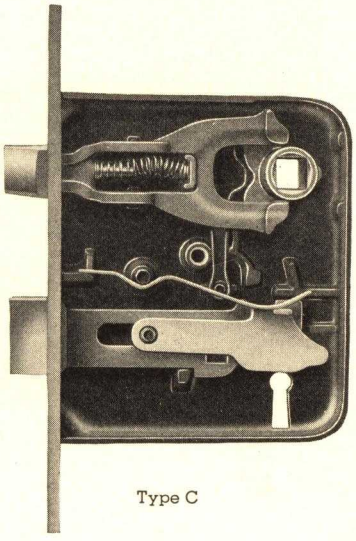

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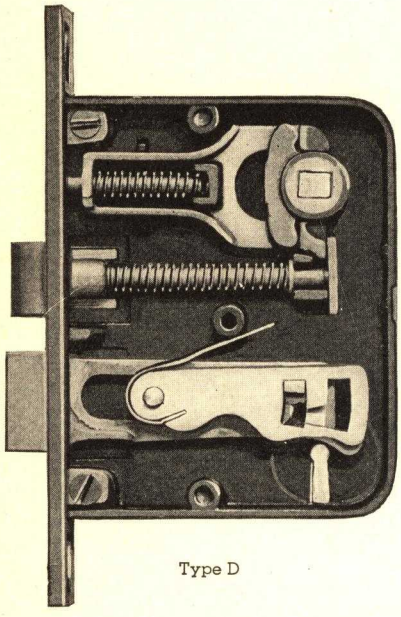

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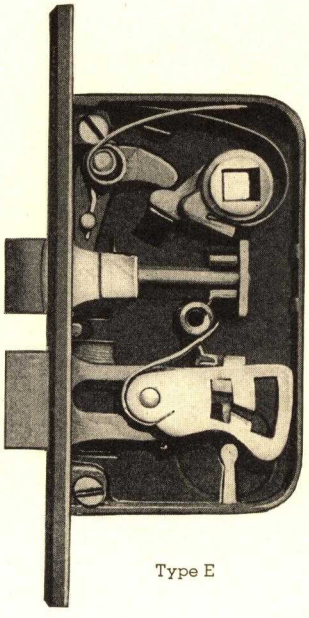

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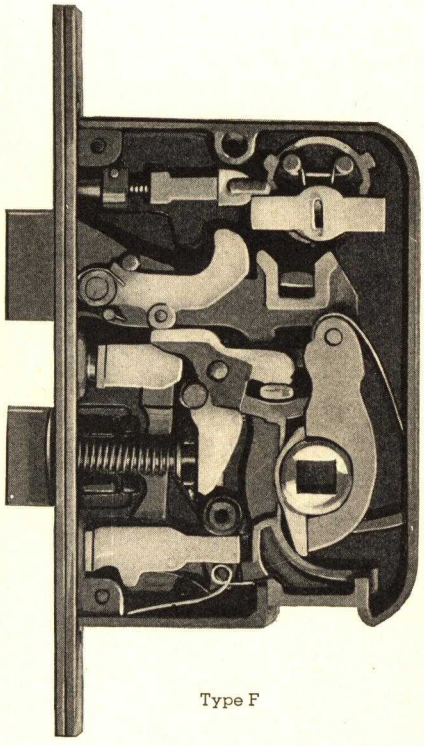

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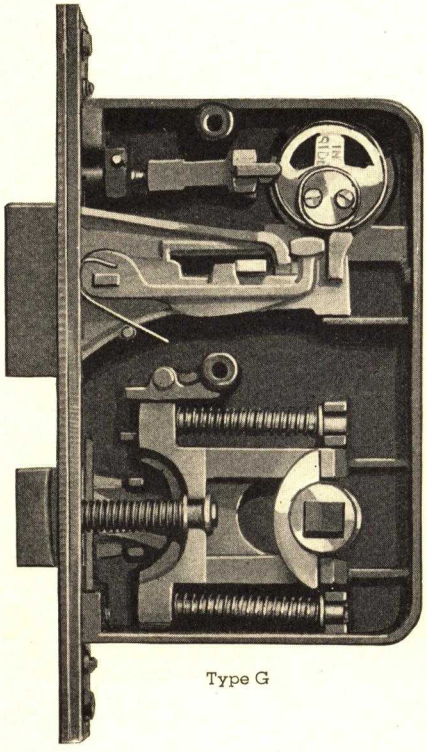
BUILDERS' LOCK CONSTRUCTION—Continued



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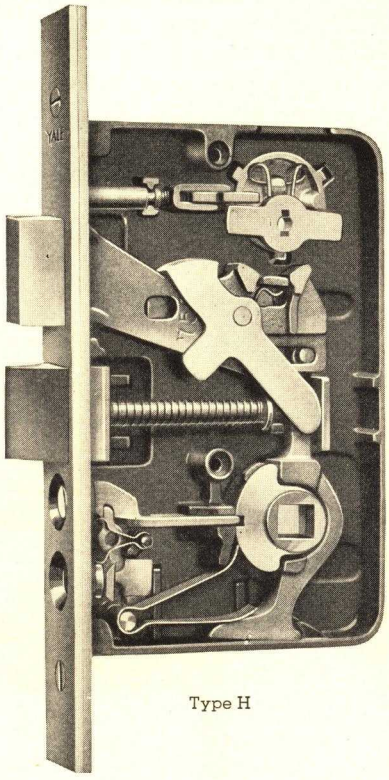

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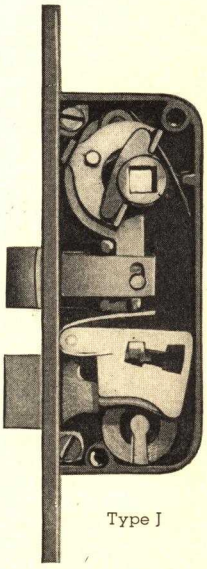

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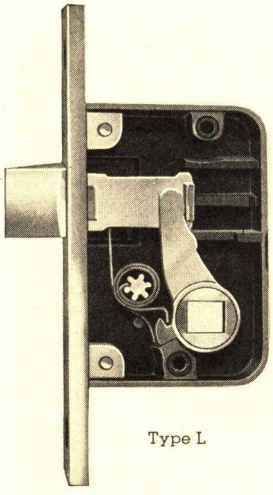

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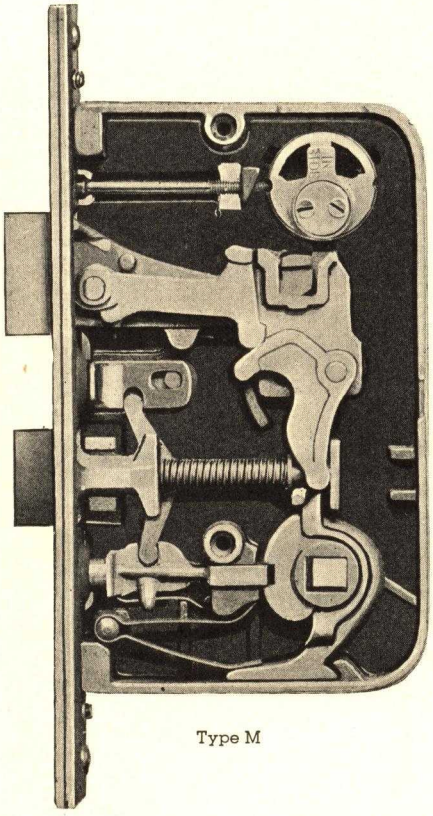

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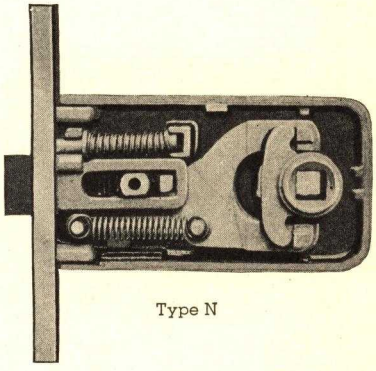

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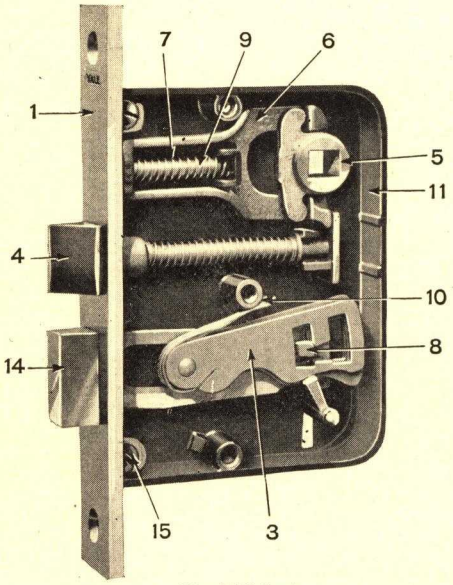
LOCK PARTS



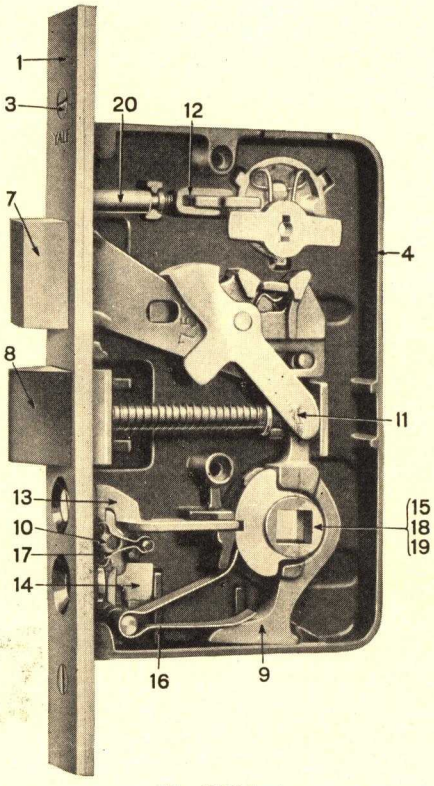
No. 1500 Lock

No.	Part
1	**Front**
2*	**Strike**
3	**Tumblers** (3)
4	**Latch Bolt,** complete
5	**Hub**
6	**Tail Piece**
7	" " **Wire**
8	**Tumbler Pin**
9	**Tail Piece Spring**
10	**Tumbler Springs** (3)
11	**Case**
12*	**Cover**
13*	**Cover Screw**
14	**Dead Bolt**
15	**Front Screws** (2)

* Not shown.

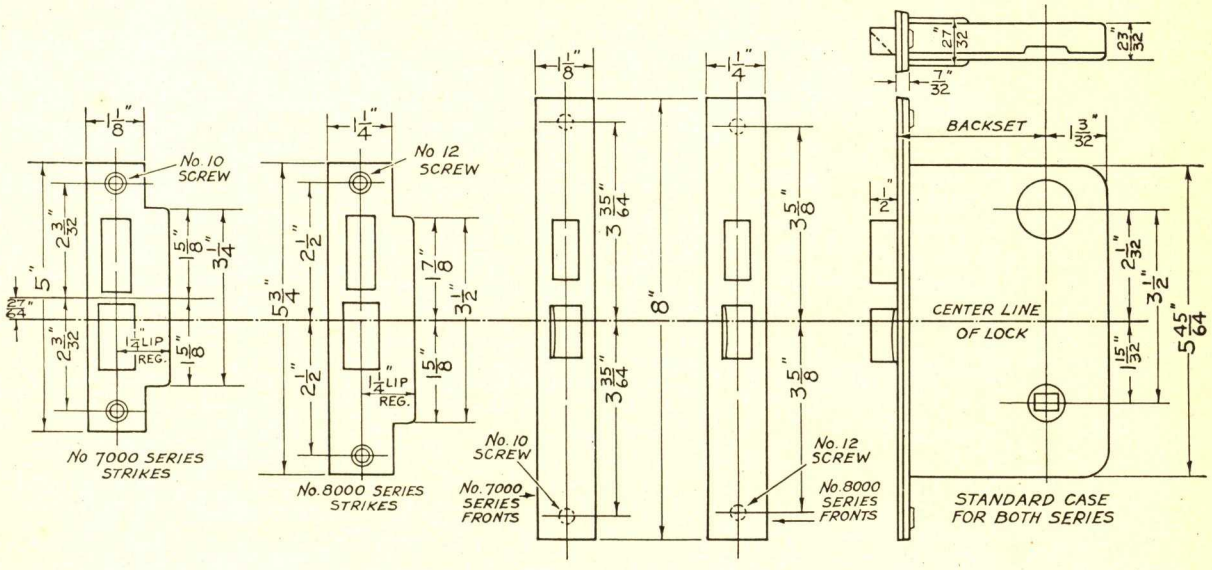
No.	Part
1	**Armor Plate**
2*	**Strike**
3	**Armor Plate Screws** (2)
4	**Case**
5*	**Cover**
6	**False Front**
7	**Dead Bolt**
8	**Latch Bolt,** complete
9	**Tail Piece**
10	**Plunger Lever**
11	**Latch Lever**
12	**Set Screw Slide**
13	**Stop Plunger**
14	**Release Plunger**
15	**Hub Ring**
16	**Tail Piece Spring**
17	**Plunger Spring**
18	**Inside Hub**
19	**Outside Hub**
20	**Set Screw**

* Not shown.



No. 7750 Lock

YALE STANDARDIZED LOCKS



Yale Standardized Mortise Cylinder Locks

The locks described below are the Yale Standardized Mortise Cylinder Locks and have uniform size of case, spacing and backset, making it possible to adopt one standard mortise for all locks and strikes in either of the two series.

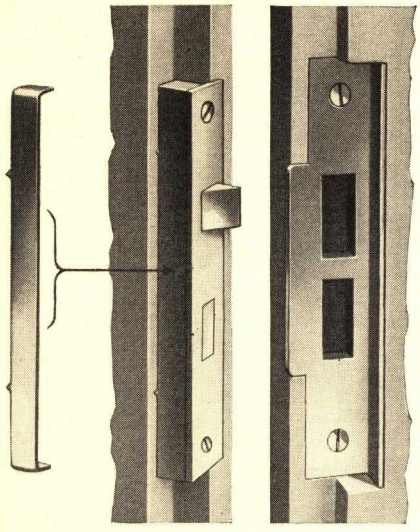
The regular backset is 2¾ in. (except Nos. 7428, 7750 and 7790 which are furnished for stock with 2½ in. backset). Some locks may be furnished with 2½ in. backset to order.

The No. 8000 series, known as the U. S. Standard, conforms to the standard adopted by the Hollow Metal Manufacturers' Association and the Commercial Standard of the U. S. Department of Commerce. These locks, with fronts, 8 x 1¼ in. are suitable for doors not less than 1¾ in. thick.

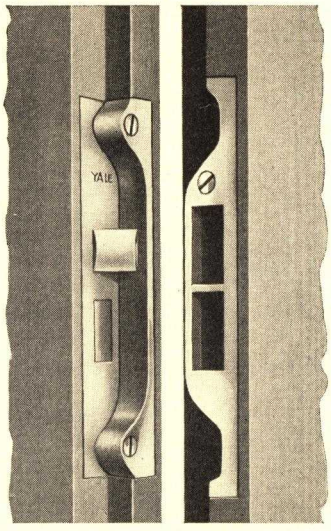
The No. 7000 series, known as the Yale Standard, have fronts 8 x 1⅛ in. This series of locks may also be furnished with fronts 8 x 1 in. to order, for use on 1⅜ in. doors.

Front 8 x 1⅛ in.	Front 8 x 1¼ in.		Cat. Page
		MORTISE KNOB LATCHES	
7000	**8000**	Latch bolt by knob, both sides	75
7032	**8032**	Latch bolt by knob, deadlocked by trigger bolt	75
		MORTISE DEAD LOCKS	
7308	**8308**	Dead bolt by key, one side only	64
7308¼	**8308¼**	Dead bolt by key, both sides	64
7309	**8309**	Dead bolt by key, one side; by turn knob, other side	64
		ENTRANCE DOOR LOCKS WITH HANDLES	
7426¼	**8426¼**	Handles both sides, outer thumb-piece set by key, trigger bolt	18
7432¼	**8432¼**	Handles both sides, latch bolt and dead bolt	17
7472¼	**8472¼**	Handles both sides, latch bolt and dead bolt with stopwork	17
7482	**8482**	Handles both sides, dead bolt operated by turn knob inside	17
7428	**8428**	Handle outside, knob inside, latch bolt and dead bolt	15
7438	**8438**	Handle outside, knob inside, latch bolt only	15
		LOCKS WITH LATCH BOLT AND DEAD BOLT	
7750	**8750**	Latch bolt by knobs, dead bolt by key and turn knob, stopwork	9
7750¼	**8750¼**	Latch bolt by knobs, dead bolt by key, both sides, stopwork	9
7660	**8660**	Latch bolt by knobs, dead bolt by key and turn knob	21
7660¼	**8660¼**	Latch bolt by knobs, dead bolt by key both sides	21
7661	**8661**	Latch bolt by knobs, dead bolt by key one side only	21
		LOCKS WITH LATCH BOLT ONLY	
7646	**8646**	Knobs both sides. Outer knob set by outside key. Trigger bolt	29
7646¼	**8646¼**	Knobs both sides. Outer knob set by inside key. Trigger bolt	29
7648	**8648**	Knob inside, key outside, outer knob always rigid. Trigger bolt	32
7648¼	**8648¼**	Key both sides, both knobs rigid. Trigger bolt	32
7649	**8649**	Knob inside, key outside, outer knob always rigid. Bolt held in	32
7656	**8656**	Knobs both sides. Stopwork in front. Trigger bolt	29
7737¼	**8737¼**	Knobs both sides. Outer knob set by inside key. ¾ in. throw. Trigger bolt	25
7738	**8738**	Knobs both sides. Stopwork in front. ¾ in. throw. Trigger bolt	25
7790	**8790**	Knobs both sides. Stopwork in front	9
7790¼	**8790¼**	Knobs both sides set by stop in front. When set, by key both sides	9
7791	**8791**	Knob inside, key outside, outer knob always rigid	31
7792	**8792**	Knobs both sides. Outer knob set by outside key	31
7792¼	**8792¼**	Knobs both sides. Outer knob set by inside key	31
		COMMUNICATING DOOR LOCKS	
7525	**8525**	Knobs both sides. Split dead bolt by turn knobs both sides	56
7526	**8526**	Knobs both sides. Split dead bolt by key one side, by turn knob other side	56
7526¼	**8526¼**	Knobs both sides. Split dead bolt by key both sides	56
7535	**8535**	Knobs both sides. Dead bolt by turn knob one side only	56

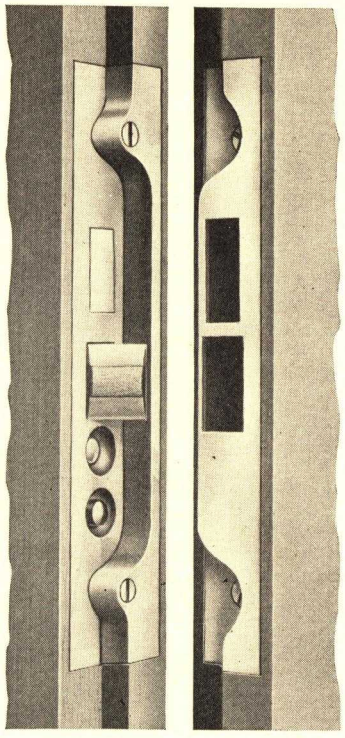
LOCKS WITH ATTACHABLE RABBET PIECES



For Nos. 802, 817, 1512 etc. Series Locks



For Nos. 820, 1820, 1500, 1600 Series Locks



For Cylinder Locks

Locks with Attachable Rabbet Pieces

Attachable rabbet pieces with suitable strikes are supplied for certain locks. These are made in three types as shown above. All types have ½ in. step.

For cylinder locks with armor plates, the attachable rabbet piece is secured by long machine screws passing through the rabbet piece and armor plate into the base front. In this type the attachable rabbet piece becomes a fixed part of the lock. The rabbet piece and armor plate must be removed for tightening the set screw.

For lever-tumbler locks and for cylinder locks without armor plates, the attachable rabbet piece is attached by long wood screws passing through the rabbet piece and lock front into the door. The attachable rabbet piece is located on the lock front by tapered dowels which enter the countersinks for the regular attaching screws. This type of rabbet piece is separately mortised into the door after the lock front has been set flush with the low step of the rabbet.

In the above types, the backset is taken from the low step of the rabbet. The rabbet pieces are reversible and may be used for locks of either hand. The strikes are not reversible, so the hand must be specified. No lip is required on the strike. The strikes for the cylinder locks are of the cast box type.

The rabbet pieces for cylinder locks and for the No. 1500 series of lever-tumbler locks are furnished for beveled front locks only. However, they may be used on locks with flat fronts. Rabbeted locks of these grades are regularly furnished with beveled fronts unless otherwise specified on order.

Attachable rabbet pieces and strikes for the Nos. 820, 1820 series of lever-tumbler locks are regularly furnished for flat front locks and cannot be used on beveled front locks. Rabbeted locks of this grade are furnished with flat fronts only. Both front and strike are reversible.

Attachable rabbet pieces and strikes for the Nos. 7000 and 8000 series of standardized locks are alike in width, being 1¼ in. wide to correspond with the No. 8000 series. Thus, when the attachable rabbet pieces are used on the No. 7000 series the front is $1\frac{3}{16}$ in. wide, as the rabbet piece is off center, overhanging the front $\frac{1}{16}$ in. on the high side. Different types of strikes are required for the Nos. 7000 and 8000 series. One type for locks with a deadbolt and latch bolt. The other types for locks with a latch bolt or with latch bolt and auxiliary bolt.

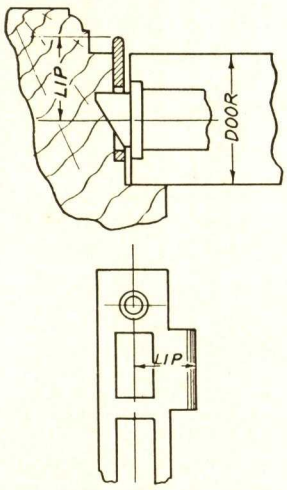
The attachable rabbet pieces and strikes are as follows:

Nos. 7000½ and 8000½ series attachable rabbet piece for all standardized locks—used with either of the following two strikes.
No. 8738½ strike for all standardized locks with latch bolt or latch bolt and trigger bolt except Nos. 7438½ and 8438½.
No. 8750 strike for all standardized locks with latch bolt and dead bolt, or dead bolt only, and for Nos. 7438½ and 8438½.
No. 726½ attachable rabbet piece and strike for all backsets—Nos. 726½ and 726½G locks.
No. 731¾G attachable rabbet piece for 731¾G lock. (1 in. B. S. only.)
No. 731¾GC attachable rabbet piece for 731¾GC series locks, backsets 1¼ in. and over.
No. 731¾G strike for 731¾G locks—all backsets.
No. 1500½ attachable rabbet piece and strike for Nos. 1500½, 1502½, 1503½, 1505½, 1509½, 1535½ and 1539½ series locks.
No. 1600½ attachable rabbet piece and strike for Nos. 1600½, 1605½, 1606½, 1611½, 1612½ and 1617½ series locks.
No. 1820½ attachable rabbet piece and strike for Nos. 820½, 821½, 1819½, 1820½, 1821½ and 1824½ locks.

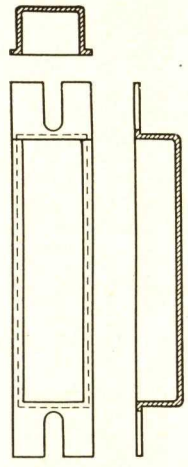
The Nos. 802, 804, 817, 1512, 1514 and 1523 locks, brass or bronze fronts and Nos. 808, 818, 1513 and 1515 locks, steel fronts; are furnished with rabbeted attachments and suitable strikes. In this type, the rabbet attachment is placed under the lock front, raising same to the high step of the rabbet from which point the backset is taken. The strike used has an angular return and is reversible. This is illustrated above.

All of the attachable rabbet pieces are used on regular beveled or flat front locks as described. Dealers can convert beveled or flat front stock locks into rabbeted locks by using the proper attachable rabbet piece and the associated strike.

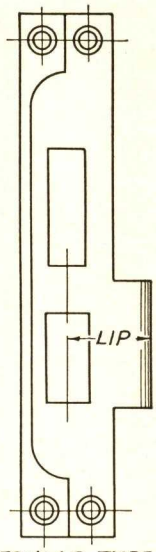
TYPES OF LOCK STRIKES



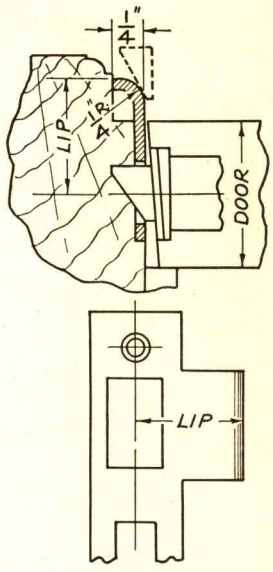
REGULAR FLAT STRIKE
FIG. 1



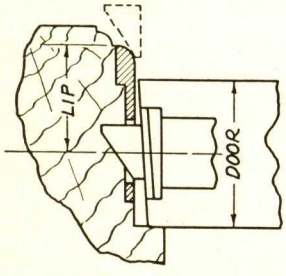
WROUGHT BOX
FOR USE WITH
REGULAR FLAT STRIKES
FIG. 2



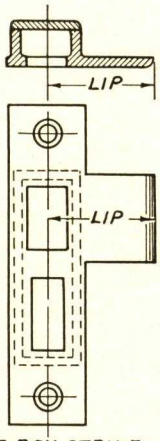
REGULAR TYPE
RABBETED STRIKE
FIG. 3



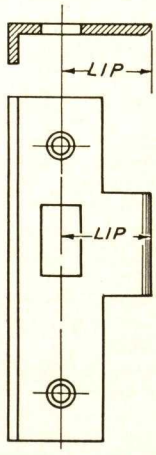
CURVED LIP STRIKE
FIG. 4



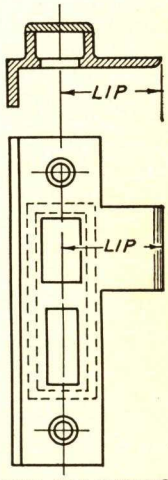
HUNT LIP STRIKE
FIG. 5



CAST BOX STRIKE
FIG. 6



PROTECTED STRIKE
FIG. 7



PROTECTED BOX STRIKE
FIG. 8

GENERAL NOTE—Unless otherwise ordered, strikes will be furnished with the length of lip as given in description of locks.
Specify hand of door for all types of strikes except Figures 1 and 2.

Fig. 1: Flat strike, regularly furnished. Measure length of lip from center of door to face of jamb and add sufficient (usually 1/8 in.) to protect woodwork from damage by latch bolt.

Fig. 2: Wrought box, for use with flat strikes. This type of box is regularly furnished when "Box Strikes" are ordered for most all locks.

Fig. 3: Regular type rabbeted strike, regularly furnished unless listed on page 6 as having attachable rabbet piece. Measure length of lip from center of door to face of door and add sufficient (usually 1/8 in.) to protect woodwork from damage by latch bolt. See page 6 for rabbeted strikes for use with locks having attachable rabbet piece.

Fig. 4: Curved lip strike, regularly furnished with lip of dimensions shown in cut. Measure length of lip from center of door to a point where curve as shown will protect woodwork from damage by latch bolt. Furnish sketch of jamb if special dimensions of curve are required.

Fig. 5: Hunt lip strike, furnish sketch of jamb to obtain proper strike to protect woodwork.

Fig. 6: Cast box strike. Measure length of lip from center of door to edge of jamb and add sufficient (usually 1/8 in.) to protect woodwork from damage by latch bolt.

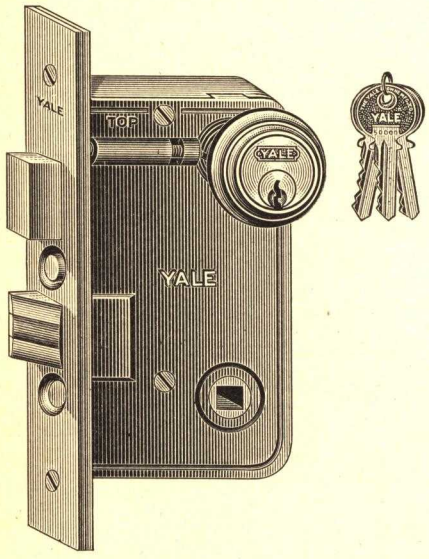
Fig. 7: Protected strike. Door thickness must always be given and length of lip specified as for Fig. 1 or other type of lip as required.

Fig. 8: Protected box strike. Door thickness must always be given and length of lip specified as for Fig. 1 or other type of lip as required.

CYLINDER LOCKS

CUTS ONE-THIRD SIZE

No. 750 Series Front Door Locks

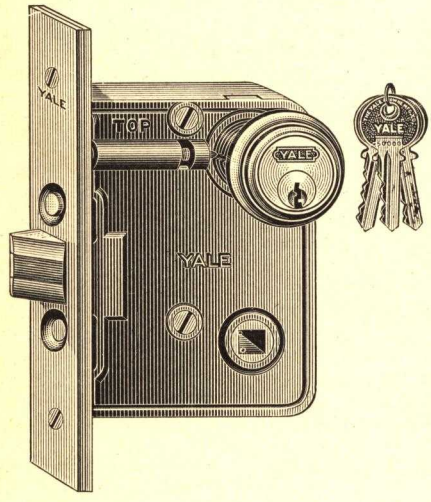


Construction . Type M, see page 3.
Front . . . . Flat, armored. 8 5/16 x 1 1/8 in. Beveled, armored, 8 5/16 x 1 1/8 in.
Regular bevel, 1/8 in 2 in. Rabbeted, 8 1/4 x 1 1/8 in; 1/2 in. rabbet.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 6 x 3 3/4 x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center; flat, 1 1/4 in.; rabbeted, 1 1/8 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Easy spring, self-lubricating. See page XXVII.
Can be furnished with anti-friction latch bolt to special order.
Cylinder . . . Bronze, Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2 3/4 in.
Spacing . . . Outside, 4 in. Inside, Nos. 750-750 1/2, 3 3/4 in. Nos. 750 1/4-750 3/4, 4 in.
Operation . . Latch bolt by knob from both sides; outer knob may be set by stop. When outer knob is stopped, latch bolt is operated by key. Nos. 750-750 1/2, dead bolt by key from outside, by No. 15X turn knob from inside. Nos. 750 1/4-750 3/4, dead bolt by key from either side. A continuous turn of key on outside will operate both dead and latch bolts.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinders
750	750 1/2	Bronze	One
750 1/4	750 3/4	"	Two

No. 790 Series Vestibule and Office Door Locks



Construction . Type M, see page 3.
Front . . . . Flat, armored, 7 1/4 x 1 1/8 in. Beveled, armored, 7 1/4 x 1 1/8 in.
Regular bevel, 1/8 in 2 in. Rabbeted, 7 1/4 x 1 1/8 in.; 1/2 in. rabbet.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5 x 3 3/4 x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center; flat, 1 1/4 in.; rabbeted, 1 1/8 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Can be furnished with anti-friction latch bolt to special order.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2 3/4 in.
Spacing . . . Outside, 3 in. Inside, Nos. 790 1/4-790 3/4, 3 in.
Operation . . Nos. 790-790 1/2, by knob from both sides; outer knob may be set by stop. When outer knob is stopped, by key from outside. Nos. 790 1/4-790 3/4 have straight spindle; when knob is stopped, by key only, from either side.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinders
790	790 1/2	Bronze	One
790 1/4	790 3/4	"	Two

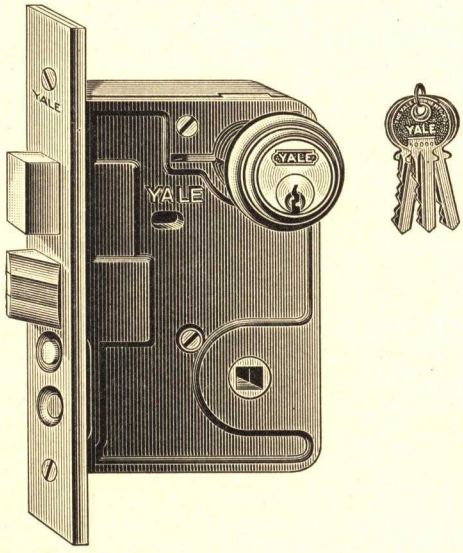
Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER LOCKS

Nos. 7750 and 8750 Series Front Door Locks

No. 8750 Series are especially for Hollow Metal Door application. See page 5.



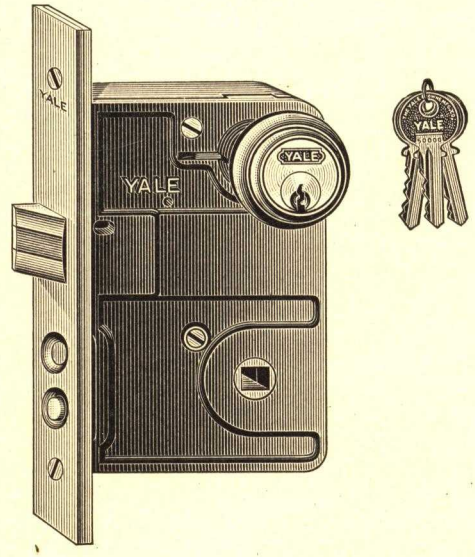
Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 2½ in. backset, 5¾ x 3⅝ x ¾ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in. See page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . No. 7750 series, regular, 2½ in. To template or special order, 2¾ in.
No. 8750 series, 2¾ in. To special order, 2½ in.
Spacing . . . Outside, 3½ in.; inside, Nos. 7750-8750, 3¼ in. Nos. 7750¼-8750¼, 3½ in.
Operation . . Latch bolt by knob from both sides; outer knob may be set by stop. When outer knob is stopped, latch bolt is operated by key. Nos. 7750-8750 dead bolt by key from outside, by No. 15 X turn knob from inside. Nos. 7750¼-8750¼, dead bolt by key from either side. A continuous turn of key on outside will operate both dead and latch bolts.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front 8 x 1⅛ in.	No. with Front 8 x 1¼ in.	Front	Bolts	Cylinders
7750	8750	Bronze, flat	Bronze	One
7750¼	8750¼	" "	"	Two
7750½	8750½	" rabbeted	"	One
7750¾	8750¾	" "	"	Two

Nos. 7790 and 8790 Series Vestibule and Office Door Locks

No. 8790 Series are especially for Hollow Metal Door application. See page 5.



Construction . Type H, see page 3.
Front . . . . Flat armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case. . . . . 2½ in. backset, 5¾ x 3⅝ x ¾ in. Japanned iron.
Strike . . . . Lip to center, flat 1¼ in. See page 7.
Hub . . . . . Bronze, compensating for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . No. 7790 series, regular, 2½ in. To template or special order, 2¾ in.
No. 8790 series, 2¾ in. To special order, 2½ in.
Spacing . . . Outside, 3½ in.; inside Nos. 7790¼-8790¼, 3½ in.
Operation . . Nos. 7790-8790, by knob from both sides; outer knob may be set by stop. When outer knob is stopped, by key from outside.
No. 7790¼-8790¼ have straight spindle; when knob is stopped, by key only from either side.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front 8 x 1⅛ in.	No. with Front 8 x 1¼ in.	Front	Bolt	Cylinders
7790	8790	Bronze, flat	Bronze	One
7790¼	8790¼	" "	"	Two
7790½	8790½	" rabbeted	"	One
7790¾	8790¾	" "	"	Two

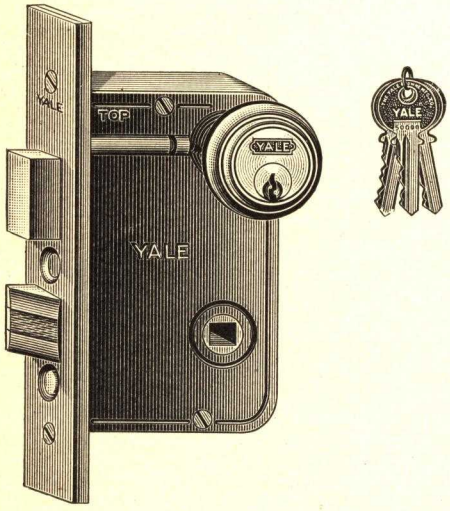
For complete description of rabbeted front, see page 6.

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER LOCKS

CUTS ONE-THIRD SIZE

No. 726 Series Front Door Locks



For complete description of rabbeted front for No. 726 series locks, see page 6.

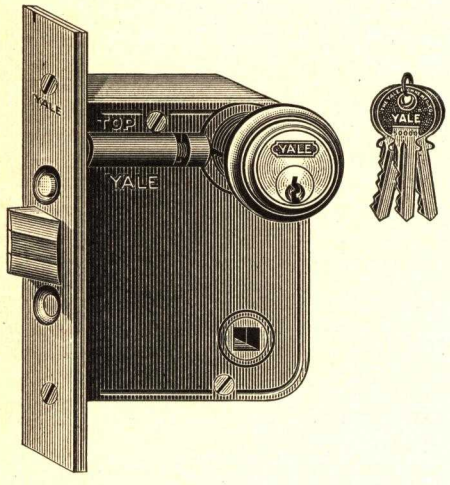
Construction . Type M, see page 3.
Front . . . Flat, armored, 7¾ x 1⅛ in. Beveled, armored, 7¾ x 1⅛ in. Regular bevel, ⅛ in 2 in. Rabbeted, 7¾ x 1⅛ in.; ½ in. rabbet.
Not Reversible Specify hand and thickness of door.
Case . . . . . Japanned iron, size as below.
Strike . . . . Lip to center; flat, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII. Can be furnished with anti-friction latch bolt to special order.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . Regular. See below; special 3, 3¼, 3½ and 4 in.
Spacing . . . Outside, 3 in.; inside, 2¾ in.
Operation . . Latch bolt by knob or lever handle from both sides; outer knob may be set by stop. When outer knob is stopped, latch bolt is operated by key. Dead bolt by key from outside, by No. 15X turn knob from inside. The above locks can be furnished with cylinder inside, instead of turn knob. Add ¼ to list number, thus, 726¼. A continuous turn of key on outside will operate both dead and latch bolts.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Backset	Case	Front and Bolts	Cylinder
726	**726½**	2¾ in.	5½ x 3⅝ x 1 5/16 in.	Bronze	One
726P	**726½P**	2½ "	5½ x 3⅜ x 1 5/16 "	"	"
726GK*	**726½GK***	2 "	5½ x 2⅞ x 1 5/16 "	"	"
726GM*	**726½GM***	2¼ "	5½ x 3⅛ x 1 5/16 "	"	"

*Gun-spring hub for lever handles.

No. 766 Series Vestibule and Office Door Locks



Construction . Type M, see page 3.
Front . . . . Flat, armored, 6⅞ x 1⅛ in. Beveled, armored, 6⅞ x 1⅛ in. Regular bevel, ⅛ in 2 in. Rabbeted, 6⅞ x 1 3/16 in.; ½ in. rabbet.
Not Reversible Specify hand and thickness of door.
Case . . . . . Japanned iron, size as below.
Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII. Can be furnished with anti-friction latch bolt to special order.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . Regular. See below; special 3, 3¼, 3½ and 4 in.
Spacing . . . Outside, 3 in.; inside, knob only.
Operation . . By knob or lever handle from both sides; outer knob may be set by stop. When outer knob is stopped, by key from outside.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Backset	Case	Front and Bolt	Cylinder
766	**766½**	2¾ in	4 5/8 x 3¾ x ⅞ in.	Bronze	One
766P	**766½P**	2½ "	4 5/8 x 3½ x ⅞ "	"	"
766GK*	**766½GK***	2 "	4 5/8 x 3 x ⅞ "	"	"
766GM*	**766½GM***	2¼ "	4 5/8 x 3¼ x ⅞ "	"	"

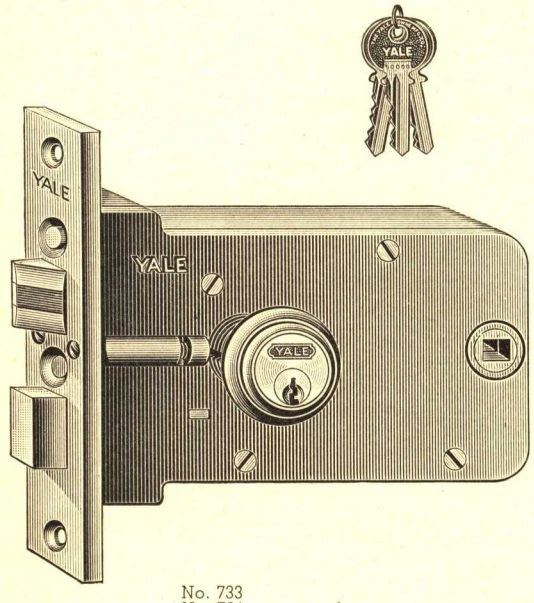
*Gun spring hub for lever handles.

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER LOCKS

Horizontal Type



No. 733
No. 724 same as above but without stop work

No. 733 Series Front Door Locks

Front . . . . Flat, 7 x 1¼ in. Beveled, 7 x 1¼ in. Regular bevel, ⅛ in 2 in. Rabbeted, 7 x 1¼ in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . 3⅞ x 7 x ⅞ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in. See page 7.

Hub . . . . Bronze, compensating, for ⅜ in. swivel spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . Cylinder, 2½ in.; knob, 6½ in.

Spacing . . . Horizontal, 4 in.

Operation . . Latch bolt by knob from both sides; outer knob may be set by stop. When outer knob is stopped, latch bolt is operated by key. Dead bolt by key from outside by No. 15X turn knob from inside.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinder
733	**733½**	Bronze	One

No. 724 Series Office Door Locks

Front . . . . Flat, 7 x 1¼ in. Beveled, 7 x 1¼ in. Regular bevel, ⅛ in 2 in. Rabbeted, 7 x 1¼ in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . 3⅞ x 7 x ⅞ in., Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in. See page 7.

Hub . . . . Bronze, compensating, for ⅜ in. spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

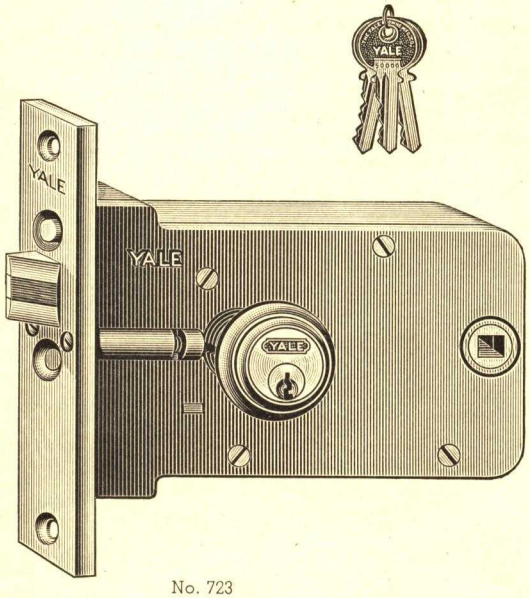
Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . Cylinder, 2½ in.; knob, 6½ in.

Spacing . . . Horizontal, 4 in.

Operation . . Latch bolt by knob from both sides. Nos. 724-724½, dead bolt by key from outside, by No. 15X turn knob from inside. Nos. 724¼-724¾, dead bolt by key from either side.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinders
724	**724½**	Bronze	One
724¼	**724¾**	"	Two



No. 723

No. 723 Series Vestibule Door Locks

Front . . . . Flat, 7 x 1¼ in. Beveled, 7 x 1¼ in. Regular bevel, ⅛ in 2 in. Rabbeted, 7 x 1¼ in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . 3⅞ x 7 x ⅞ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in. See page 7.

Hub . . . . Bronze, compensating, for ⅜ in. swivel spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . Cylinder, 2½ in.; knob, 6½ in.

Spacing . . . Horizontal, 4 in.

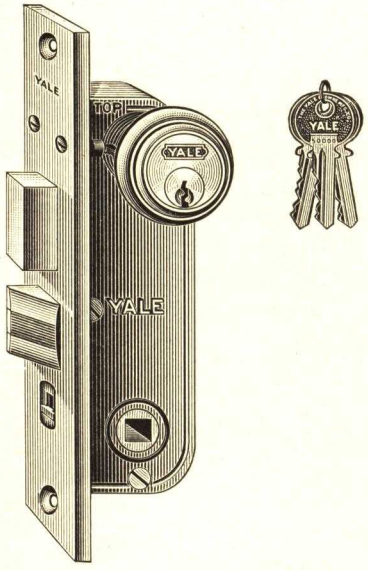
Operation . . By knob from both sides; outer knob may be set by stop. When outer knob is stopped, by key from outside.

No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinder
723	**723½**	Bronze	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

CUTS ONE-THIRD SIZE

CYLINDER FRONT DOOR LOCKS



For complete description of rabbeted front for No. 731¼G series locks, see page 6.

No. 731¼G Series With Gun-Spring Hub

For Doors With Narrow Stiles

Construction . Type L, see page 3.

Front . . . . Flat, 8⅝ x 1 3/16 in. Cast for 1 in. backset and armored for other backsets. Beveled, 8⅝ x 1 3/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 8⅝ x 1 3/16 in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

For Doors . Specify thickness of door.

Case . . . . . Japanned iron, size as below.

Strike . . . . Lip to center; flat, 1¼ in. See page 7.

Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze, Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . See below.

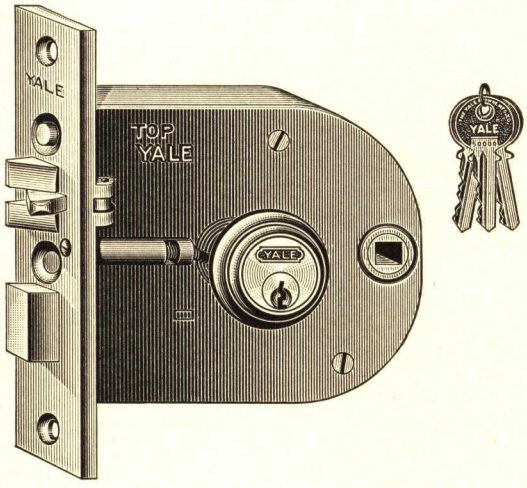
Spacing . . . 4½ in.

Plain Trim . . Lever handles and plates. Not adapted to escutcheon plates.

Operation . . Latch bolt by lever handles from both sides; outer handle may be set by stop. When outer handle is stopped, latch bolt is operated by key. Dead bolt by key from either side. Can be furnished with turn knob operation inside. Add "D" to list number, thus, 731¼GD. A continuous turn of key on outside will operate both dead and latch bolts.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Backset	Case	Front and Bolts	Cylinders
731¼G	**731¾G**	1 in.	6¼ x 1⅞ x ⅞ in.	Bronze	Two
731¼GC	**731¾GC**	1¼ "	6¼ x 2⅛ x ⅞ "	"	"
731¼GE	**731¾GE**	1½ "	6¼ x 2⅜ x ⅞ "	"	"
731¼GH	**731¾GH**	1¾ "	6¼ x 2⅝ x ⅞ "	"	"



No. 2736 Series

Front . . . . Flat, 7 x 1½ in. Beveled, 7 x 1½ in. Regular bevel, ⅛ in 2 in. Rabbeted, 7 x 1½ in.; ½ in. rabbet.

Not Reversible Specify hand and thickness of door.

Case . . . . . 4⅝ x 5⅜ x ⅞ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in. See page 7.

Hubs . . . . Bronze: ⅜ in. compensating, swivel, for knob; 5/16 in. for turn knob.

Latch Bolt . . Anti-friction. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . Cylinder, 2⅜ in.; knob, 4⅞ in.

Spacing . . . Horizontal, 2½ in.

Operation . . Latch bolt by knob from both sides; outer knob may be set by stop. When outer knob is stopped, latch bolt is operated by key. Dead bolt by key from outside by No. 55 turn knob from inside.

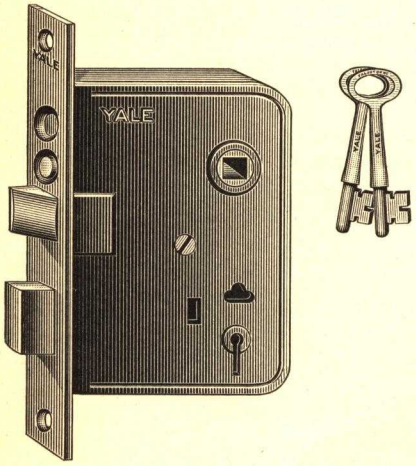
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinder
2736	**2736½**	Bronze	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

FRONT DOOR AND VESTIBULE LOCKS

CUTS ONE-THIRD SIZE

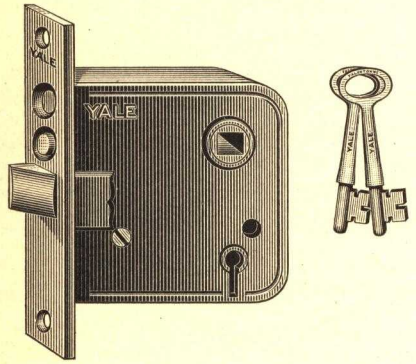


No. 760 Series
For Front Doors

Front . . . . Flat, 6⅞ x 1 in.
Reversible . . For doors of either hand.
Case . . . . 4⅞ x 3⅝ x ⅝ in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Hub . . . . . Iron, for 5/16 in. swivel spindle.
Keys . . . . Two, nickel plated steel, No. S145.
Backset . . . 2¾ in.
Spacing . . . 2¾ in.
Operation . . Latch bolt by knob from both sides; outer knob may be set by stop. When outer knob is stopped, latch bolt is operated by key. Dead bolt by key from either side. Latch and dead bolts operated by same key and through the same key hole.

Not master-keyed: These locks cannot be master-keyed.

No.	Wrought Front	Bolts	Tumblers	Changes
760	Bronze	Bronze	Three	24
761	"	"	One	12
759	Steel	Iron	"	12



No. 770 Series
For Vestibule Doors

Front . . . . Flat, 5⅜ x 1 in.
Reversible . . For doors of either hand.
Case . . . . . 3⅜ x 3⅝ x 1 1/16 in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Hub . . . . . Iron, for 5/16 in. swivel spindle.
Keys . . . . Two, nickel plated steel, No. S145.
Backset . . . 2¾ in.
Spacing . . . Outside, 1¾ in.; inside, knob only.
Operation . . By knob from both sides; outer knob may be set by stop. When outer knob is stopped, by key from outside.

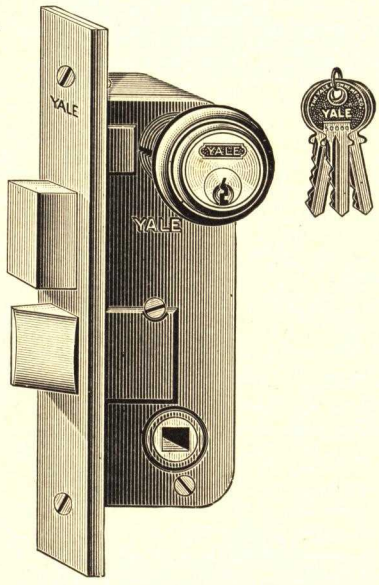
Not master-keyed: These locks cannot be master-keyed.

No.	Cast Front	Bolt	Tumblers	Changes
770	Bronze	Bronze	Three	24
771	"	"	One	12
769	Iron	Iron	"	12

Packed: Each in a box, with screws.
When ordering, give finish wanted. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER DOOR LOCKS



No. 651¼G Lock With Gun-Spring Hub

For Doors or Gates with Narrow Stiles

Front . . . . Flat, armored, 8½ x 1⅛ in. Beveled, armored, 8½ x 1⅛ in. Regular bevel, ⅛ in 2 in.

Not Reversible Specify hand and thickness of door.

Case . . . . . 6 5/16 x 2¼ x 1 5/16 in. Japanned iron.

Strike . . . . Lip to center, 1¼ in., see page 7.

Hub . . . . . Bronze, compensating, for ⅜ in. spindle.

Latch Bolt . . Extra heavy, easy-spring with stiff spring on hub.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . Regular, 1⅜ in.; special, 1⅛, 1¼ and 1½ to 2¼ in. by ⅛ in.

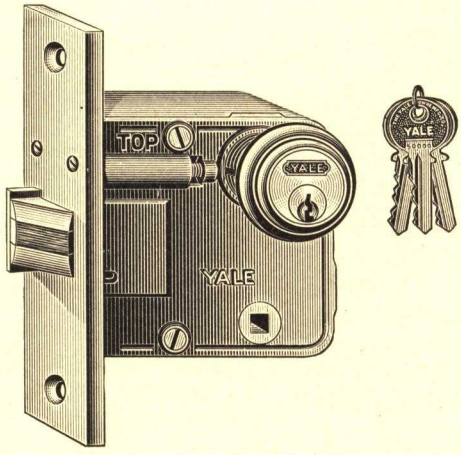
Spacing . . . 4½ in.

Operation . . Latch bolt by lever handles from both sides. Dead bolt by key from either side.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolts	Cylinders
651¼G	Bronze	Two

The case of this lock is regularly made of cast iron, but it can also be furnished at an extra price, with a cast steel case where exceptional strength is required, or with a cast bronze case for outdoor use.



Nos. 76 and 77 Series Deadlatches

Automatic Deadlocking Bolt, ¾ in. Double Throw

This deadlatch can be used in the same mortise as the No. 304 deadlock.

Front . . . . Flat, 6½ x 1⅜ in.

Not Reversible Specify hand and thickness of door.

Case . . . . . 3¾ x 4 x 1 in. Japanned iron.

Strike . . . . Cast box; lip to center, 1⅜ in.

Hub . . . . . Bronze, for 5/16 in. spindle.

Latch Bolt . . Automatic dead locking, ¾ in. double throw Easy-spring; self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . 2¾ in.

Operation . . No. 76. By key outside, by knob inside.
No. 76¼. By key from either side.
No. 77¼. By key outside, by knob inside. The latch bolt can be held retracted by key through inside cylinder.
When door is closed, the slide automatically deadlocks the bolt and makes it proof against end pressure.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

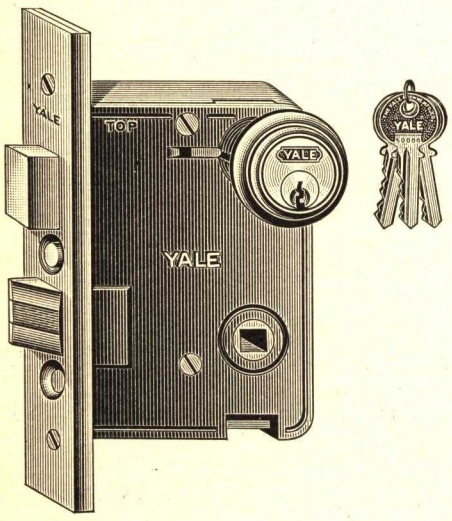
No.	Front and Bolt	Cylinders
76	Bronze	One side, knob inside
76¼	"	Both sides
77¼	"	" " knob inside

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER LOCKS

For Use with Entrance Door Handle Outside and Knob Inside

CUTS ONE-THIRD SIZE

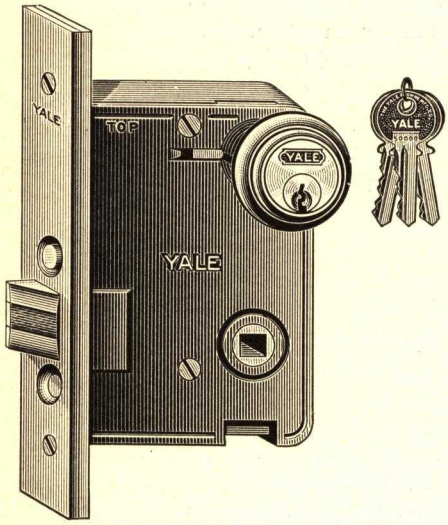


No. 428 Series Entrance Door Locks

Construction . Type F, see page 2.
Front . . . . Flat, armored, 7½ x 1⅛ in. Beveled, armored, 7½ x 1⅛ in. Regular bevel, ⅛ in 2 in. Rabbeted, 7½ x 1 3/16 in.; ½ in. rabbet.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5¼ x 3¾ x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.
Hub . . . . . Bronze, compensating, ⅜ in. for No. F1184 spindle only.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII. Can be furnished with anti-friction latch bolt to special order.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . Regular, 2¾ in.; special, 2 in. at an extra price.
Spacing . . . Outside, see page XXVIII. Inside, 2¾ in.
Operation . . Latch bolt by thumb-piece from outside, by knob from inside. Thumb-piece may be set by stop; when thumb-piece is stopped, latch bolt is operated by key from outside. Dead bolt by key from outside; by No. 15X turn knob from inside. A continuous turn of key on outside will operate both dead and latch bolts.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinder
428	**428½**	Bronze	One



No. 438 Series Vestibule Door Locks

Construction .Type F, see page 2.
Front . . . . Flat, armored, 7½ x 1⅛ in. Beveled, armored, 7½ x 1⅛ in. Regular bevel, ⅛ in 2 in. Rabbeted, 7½ x 1 3/16 in. ½ in. rabbet.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5¼ x 3¾ x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.
Hub . . . . . Bronze, compensating, ⅜ in. for No. F1184 spindle only.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII. Can be furnished with anti-friction latch bolt to special order.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . Regular, 2¾ in.; special, 2 in. at an extra price.
Spacing . . . Outside, see page XXVIII. Inside knob only.
Operation . . By thumb-piece from outside, by knob from inside. Thumb-piece may be set by stop; when thumb-piece is stopped by key from outside.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

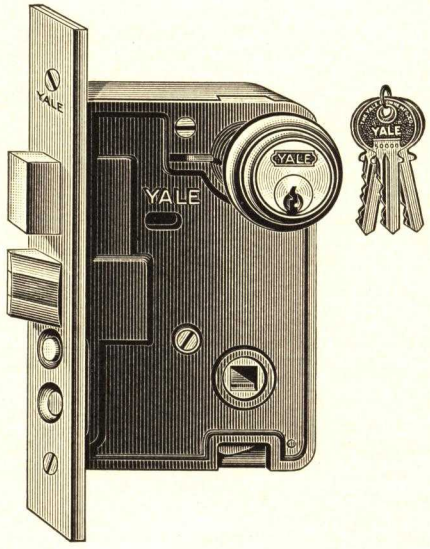
No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinder
438	**438½**	Bronze	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER LOCKS

For Use with Entrance Door Handle Outside and Knob Inside



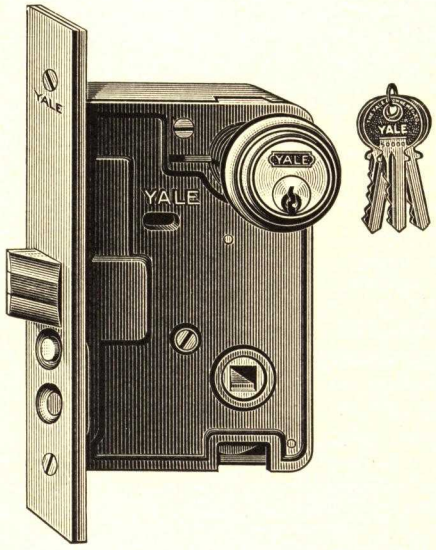
Nos. 7428 and 8428 Series Entrance Door Locks

No. 8428 Lock is especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled, and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted. Not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 2½ in. backset, 5¾ x 3⅝ x ¾ in. Japanned iron.
Strike . . . . Lip to center, flat, 1¼ in. See page 7.
Hub . . . . . Bronze, compensating, ⅜ in. for No. F1184 spindle only.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . No. 7428, regular 2½ in. To template or special order, 2¾ in., No. 8428, 2¾ in. To special order, 2½ in.
Spacing . . . Outside, see page XXVIII. Inside, 3¼ in.
Operation . . Latch bolt by thumb-piece from outside, by knob from inside. Thumb-piece may be set by stop; when thumb-piece is stopped, latch bolt is operated by key from outside. Dead bolt by key from outside, by No. 15X turn knob from inside. A continuous turn of key on outside will operate both dead and latch bolts.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolts	Cylinder
7428	**8428**	Bronze, flat	Bronze	One
7428½	**8428½**	" rabbeted	"	"



For complete description of rabbeted front, see page 6.

Nos. 7438 and 8438 Series Vestibule Door Locks

No. 8438 Lock is especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Strike . . . . Lip to center, flat, 1¼ in. See page 7.
Hub . . . . . Bronze, compensating, ⅜ in. for No. F1184 spindle only.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . No. 7438, regular, 2¾ in.; 2½ in. to order, at the same price.
No. 8438, 2¾ in. To special order, 2½ in.
Spacing . . . Outside, see page XXVIII. Inside, knob only.
Operation . By thumb-piece from outside, by knob from inside. Thumb-piece may be set by stop; when thumb-piece is stopped, by key from outside.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

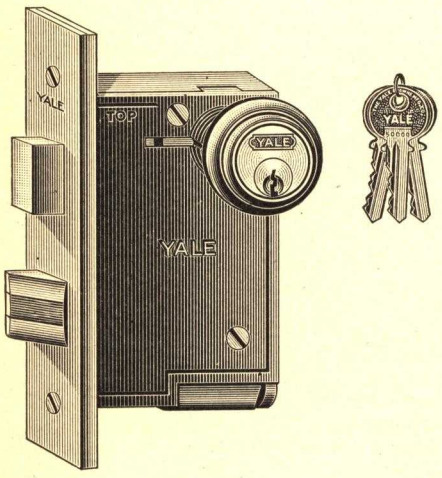
No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolt	Cylinder
7438	**8438**	Bronze, flat	Bronze	One
7438½	**8438½**	" rabbeted	"	"

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER ENTRANCE DOOR LOCKS

For Use with Entrance Door Handles on Store Doors, Etc.

CUTS ONE-THIRD SIZE

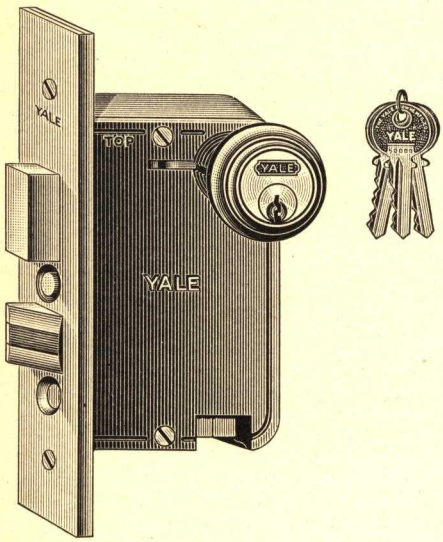


Nos. 414¼ and 432¼ Series

Construction . Type F, see page 2.
Front . . . . Flat, armored, 7 x 1 5/16 in. Beveled armored, 7 x 1 5/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 7 x 1 5/16 in.; ½ in. rabbet.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . No. 414¼, 5 x 3⅛ x 1 in. Japanned iron. No. 432¼, 5 x 3⅝ x 1 in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII. Can furnish with anti-friction latch bolt to special order.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . No. 414¼, 2¼ in.; No. 432¼, 2¾ in.
Spacing . . . See page XXVIII.
Operation . . Latch bolt by thumb-pieces from both sides. Dead bolt by key from either side.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Backset	Front and Bolts	Cylinders
414¼	**414¾**	2¼ in.	Bronze	Two
432¼	**432¾**	2¾ "	"	"



No. 472¼ Series

Construction . Type F, see page 2.
Front . . . . Flat, armored, 8 x 1⅜ in. Beveled, armored, 8 x 1⅜ in. Regular bevel, ⅛ in 2 in. Rabbeted, 7⅞ x 1⅜ in.; ½ in. rabbet.
Reversible . . Flat front for doors of either hand. Beveled and armored not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5¼ x 3⅝ x 1 in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in. see page 7.
Latch Bolt . . Easy spring, self-lubricating. See page XXVII. Can furnish with anti-friction latch bolt to special order.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . See page XXVIII.
Operation . . Latch bolt by thumb-pieces from both sides. Outer thumb-piece may be set by stop. When stopped, latch bolt is operated by key from outside. Nos. 472¼-472¾, dead bolt by key from either side Nos. 482-482½, dead bolt by key from outside, by No. 15X turn knob from inside. A continuous turn of key on outside will operate both dead and latch bolts.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

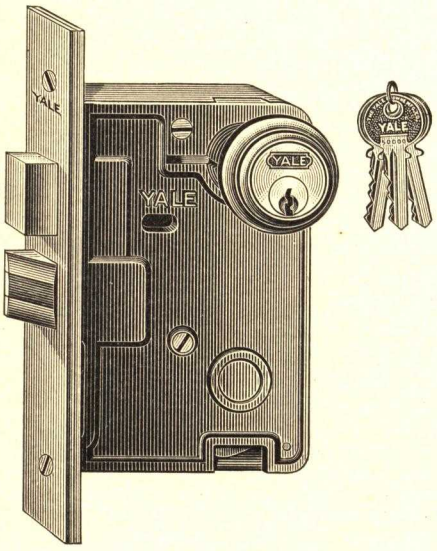
No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinders
472¼	**472¾**	Bronze	Two
482	**482½**	"	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER ENTRANCE DOOR LOCKS

For Use with Entrance Door Handles on Store Doors, etc.



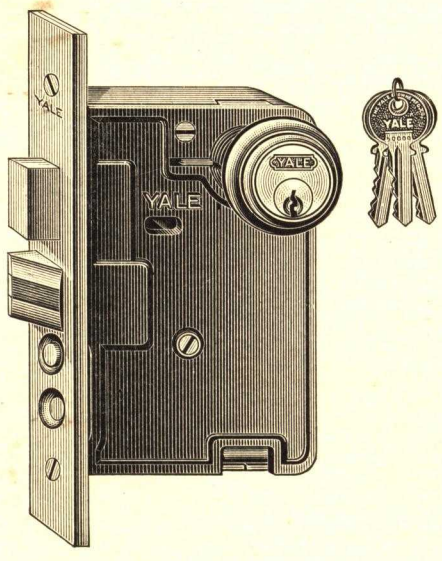
Nos. 7432¼ and 8432¼ Series

No. 8432¼ Locks are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, ⅛ in 2 in. Not furnished with special bevel.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted; not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in., see page 7.
Latch Bolt . . Easy-spring; self-lubricating. See page XXVII.
Cylinder . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . No. 7432¼, regular, 2¾ in.; 2½ in. to order, at the same price.
No. 8432¼, 2¾ in. To special order, 2½ in.
Spacing . . . See page XXVIII.
Operation . . Latch bolt by thumb-pieces from both sides. Dead bolt by key from either side.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolts	Cylinders
7432¼	**8432¼**	Bronze, flat	Bronze	Two
7432¾	**8432¾**	" rabbeted	"	"



For complete description of rabbeted front, see page 6.

Nos. 7472¼ and 8472¼ Series

No. 8472¼ Locks are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, ⅛ in 2 in. Not furnished with special bevel.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted; not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in., see page 7.
Latch Bolt . . Easy-spring; self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . See page XXVIII.
Operation . . Latch bolt by thumb-pieces from both sides. Outer thumb-piece may be set by stop. When stopped, latch bolt is operated by key from outside. Nos. 7472¼-8472¼ dead bolt by key from either side Nos. 7482-8482, dead bolt by key from outside, by No. 15X turn knob from inside. A continuous turn of key on outside will operate both dead and latch bolts.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

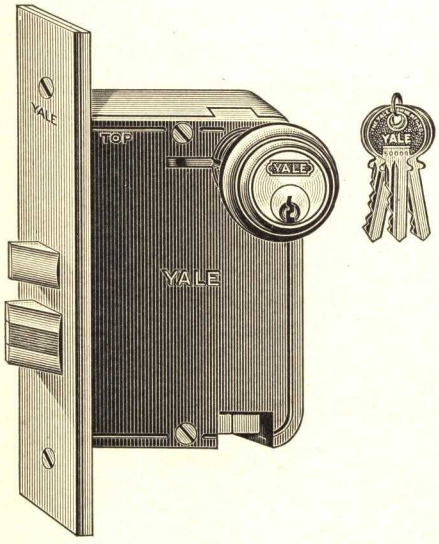
No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolts	Cylinders
7472¼	**8472¼**	Bronze, flat	Bronze	Two
7482	**8482**	" "	"	One
7472¾	**8472¾**	" rabbeted	"	Two
7482½	**8482½**	" "	"	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER ENTRANCE DOOR LOCKS

For Use with Entrance Door Handles on Schoolhouse Doors, etc.

CUTS ONE-THIRD SIZE

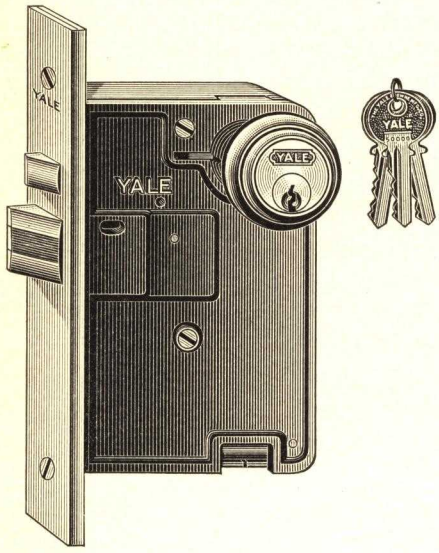


No. 426¼ Series

Construction . Type F, see page 2.
Front . . . . Flat, armored, 7⅞ x 1⅜ in. Beveled, armored, 7⅞ x 1⅜ in.
Regular bevel, ⅛ in 2 in.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5¼ x 3⅝ x 1 in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . See page XXVIII.
Operation . . No. 426¼, outside by key at all times and by thumb-piece, except when thumb-piece is deadlocked by key through inside cylinder. Inside by thumb-piece at all times. Inside key operates stop work only. When door is closed, the trigger bolt automatically deadlocks the latch bolt and makes it proof against end pressure, thus providing the same security as that given by a dead bolt. No. 426¼A, same operation as above, and in addition the bolt may be retracted by key from outside and held in that position when key is withdrawn. State specifically on order list number wanted. Cylinders are handed and cannot be reversed.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolts	Cylinders
426¼	Bronze	Two
426¼A	"	"



For complete description of rabbeted front for No. 7426¼ series locks, see page 6.

Nos. 7426¼ and 8426¼ Series

No. 8426¼ Locks are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, ⅛ in 2 in. Not furnished with special bevel.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in., see page 7.
Latch Bolt . . Easy-spring. Self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . See page XXVIII.
Operation . . Outside by key at all times and by thumb-piece, except when thumb-piece is deadlocked by key through inside cylinder. Inside by thumb-piece at all times. Inside key operates stop work only. When door is closed, the trigger bolt automatically deadlocks the latch bolt and makes it proof against end pressure, thus providing the same security as that given by a dead bolt.

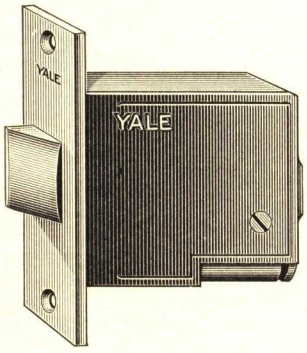
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolts	Cylinders
7426¼	**8426¼**	Bronze, flat	Bronze	Two
7426¾	**8426¾**	" rabbeted	"	"

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

STORE DOOR LATCHES AND LOCKS



No. 401 Latch

Front . . . . Flat, 5 x 1⅛ in. Beveled, 5 x 1⅛ in. Regular bevel, ⅛ in 2 in.

Reversible . . Flat front for doors of either hand. Beveled, not reversible. Specify hand.

Case . . . . . 3 x 3½ x ¾ in. Japanned iron.

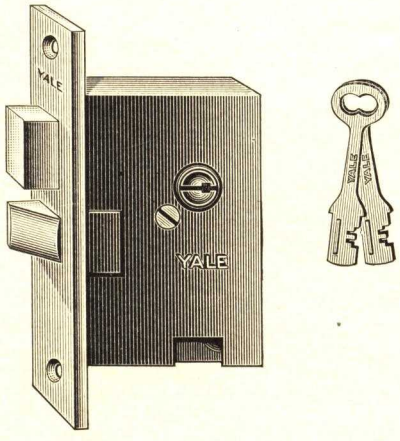
Strike . . . . Lip to center, 1¼ in., see page 7.

Backset . . . 2¾ in.

Operation . . By thumb-pieces from both sides.

Packed . . . . Each in a box, with screws.

No.	Front and Bolt
401	Cast bronze



No. 405 Series

Front . . . . Flat, 6½ x 1 in. Rabbeted, 6⅞ x 1 3/16 in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Rabbeted, not reversible. Specify hand.

Case . . . . . 4½ x 3 x 1 1/16 in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1 in., see page 7.

Keys . . . . Two, nickel plated steel; No. 341½.

Tumblers . . . Three, 12 changes.

Backset . . . 2⅛ in.

Spacing . . . See page XXVIII.

Operation . . Latch bolt by thumb-pieces from both sides. Dead bolt by key from either side.

Packed . . . . Each in a box, with screws.

Not master-keyed: These locks cannot be master-keyed.

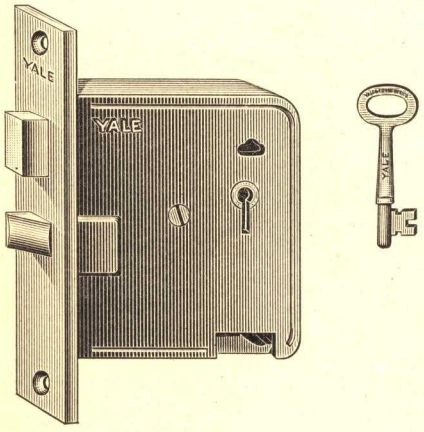
No. Flat Front	No. Rabbeted Front	Front	Bolts
405	405½	Cast bronze	Bronze
406	.....	" iron	"

When ordering, give finish wanted. For finishes, see page XXV.

MORTISE INSIDE DOOR LOCKS

For use with Handles on Inside Doors

CUTS ONE-THIRD SIZE



No. 410 Series

For use with Colonial Door Handles

Front . . . . Flat, 6⅛ x 1 in.

Reversible . . For doors of either hand.

Case . . . . . 4 x 3⅝ x ⅝ in. Japanned iron.

Strike . . . . Lip to center, 1¼ in., see page 7.

Key . . . . . One, nickel plated steel, No. S145.

Backset . . . 2¾ in.

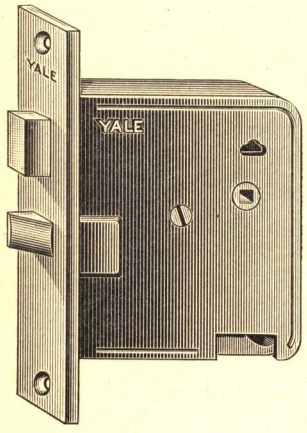
Spacing . . . 2 9/16 in.

Operation . . Latch bolt by thumb-pieces from both sides. Dead bolt by key from either side.

Packed . . . . Each in a box, with screws.

Not master-keyed: These locks cannot be master-keyed.

No.	Front and Bolts	Tumblers	Changes
410	Cast bronze	Three	36
411	" "	One	12



No. 412 Lock

For use with Colonial Door Handles

Front . . . . Flat, 6⅛ x 1 in.

Reversible . . For doors of either hand.

Case . . . . . 4 x 3⅝ x ⅝ in. Japanned iron.

Strike . . . . Lip to center, 1¼ in., see page 7.

Hub . . . . . 3/16 in. for turn knob.

Backset . . . 2¾ in.

Spacing . . . 2 9/16 in.

Operation . . Latch bolt by thumb-pieces from both sides. Dead bolt by No. 35 turn knob from one side only.

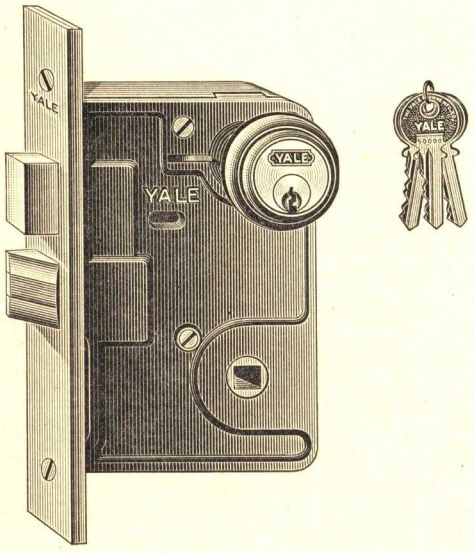
Packed . . . . Each in a box, with screws.

No.	Front and Bolts
412	Cast bronze

When ordering, give finish wanted. For finishes, see page XXV.
For handles to use with above locks, see pages 131 and 132.

CYLINDER OFFICE DOOR LOCKS

CUTS ONE-THIRD SIZE



For complete description of rabbeted front for No. 7660 series locks, see page 6.

Nos. 7660 and 8660 Series

No. 8660 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.

Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

For Doors . . Specify thickness of door.

Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hub . . . . . Bronze, compensating, for ⅜ in. spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . Regular, 2¾ in.; 2½ in. to order at the same price.

Spacing . . . Outside, 3½ in.; inside, Nos. 7660-8660, 3¼ in.; Nos. 7660¼-8660¼, 3½ in.; Nos. 7661-8661, knob only.

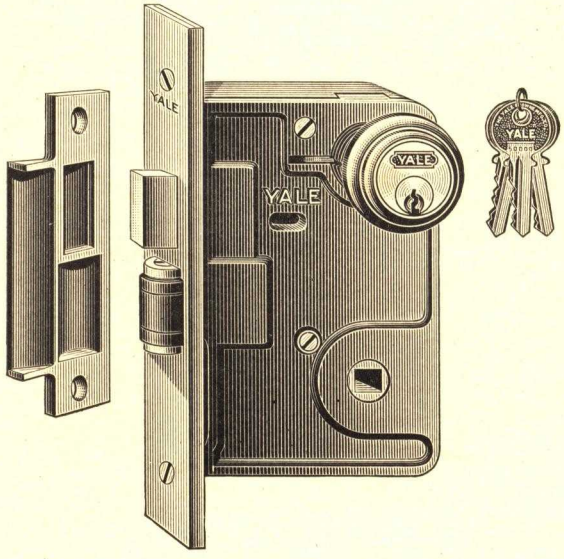
Operation . . Latch bolt by knob from both sides. Nos. 7660-8660, dead bolt by key from outside, by No. 15X turn knob from inside. Nos. 7660¼-8660¼ dead bolt by key from either side. Nos. 7661-8661, dead bolt by key from outside only.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolts	Cylinders
7660	8660	Bronze, flat	Bronze	One
7660¼	8660¼	" "	"	Two
7661	8661	" "	"	One
7660½	8660½	" rabbeted	"	One
7660¾	8660¾	" "	"	Two
7661½	8661½	" "	"	One

No. 7660 RL Series

With Roller Latch Bolt



Construction . Type H, see page 3.

Front . . . . Flat, armored, 8 x 1⅛ in. Beveled, armored, 8 x 1⅛ in. Regular bevel, ⅛ in 2 in. Not furnished with special bevel.

Not Reversible Specify hand and thickness of door.

Case . . . . . 5¾ x 3⅞ x 1 in. Japanned iron.

Strike . . . . Cast bronze, box type, 5 x 1⅛ in. Lip to center, 1 3/16 in. for 1 15/16 in. door only. Send detail of jamb when ordering.

Hub . . . . . Bronze, compensating, for ⅜ in. spindle.

Latch Bolt . . Roller type of molded rubber rollers on a bronze frame. The throw is controlled by a set screw through the front.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . 2¾ in. only.

Spacing . . . Outside, 3½ in.; inside, No. 7660RL, 3¼ in.; No. 7660 ¼RL, 3½ in.; No. 7661RL, knob only.

Operation . . Latch bolt by knob from both sides. No. 7660RL, dead bolt by key from outside by No. 15X turn knob from inside. No. 7660¼RL, dead bolt by key from either side No. 7661RL, dead bolt by key from outside only.

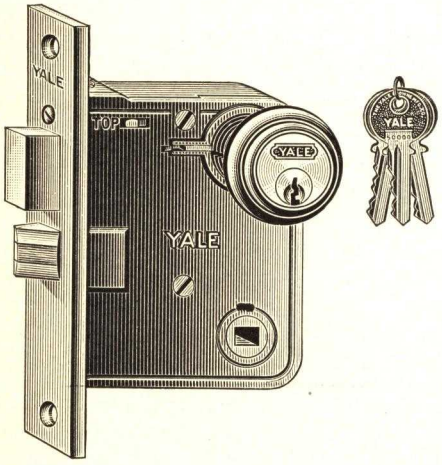
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Dead Bolt	Cylinders
7660RL	Bronze	One
7660¼RL	"	Two
7661RL	"	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER OFFICE DOOR LOCKS

CUTS ONE-THIRD SIZE



No. 660 Series

Front . . . . Flat, 6¾ x 1 in. Beveled, 6¾ x 1 in. Regular bevel, ⅛ in 2 in.
Rabbeted, 6¾ x 1 in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

For Doors . . Specify thickness of door.

Case . . . . . 4½ x 3⅝ x ¾ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in.; see page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Can be furnished with anti-friction latch bolt, to special order.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

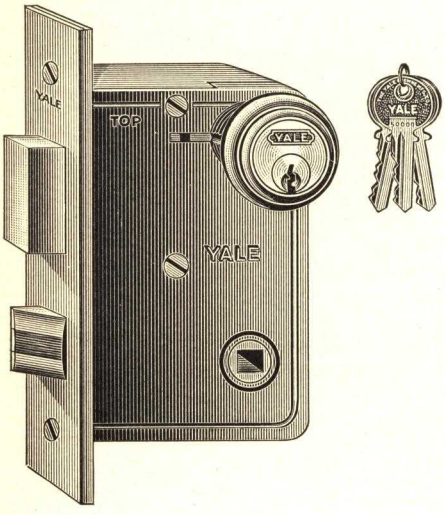
Backset . . . Regular, 2¾ in.; special, 1¾, 2, 2⅛, 2¼ and 2½ in. at an extra price.

Spacing . . . Outside, 3 in.; inside, Nos. 660-660½, 2¾ in. Nos. 660¼-660¾, 3 in.

Operation . . Latch bolt by knob from both sides. Nos. 660-660½, dead bolt by key from outside, by No. 15X turn knob from inside. Nos. 660¼-660¾, dead bolt by key from either side.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinders
660	660½	Bronze	One
660¼	660¾	"	Two



No. 654¼ Series

Construction . Type G, see page 3.

Front . . . . Flat, armored, 7½ x 1 5/16 in. Beveled, armored, 7½ x 1 5/16 in.
Regular bevel, ⅛ in 2 in. Rabbeted, 7½ x 1 5/16 in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

For Doors . . Specify thickness of door.

Case . . . . . 5½ x 3¾ x 1 in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.

Hub . . . . . Bronze, compensating, for ⅜ in. spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Can be furnished with anti-friction latch bolt, to special order.

Cylinder . . . Bronze, Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . 2¾ in.

Spacing . . . Outside, 3½ in.; inside, Nos. 654¼-654¾, 3½ in.; Nos. 655-655½, 3¼ in.

Operation . . Latch bolt by knob from both sides. Nos. 655-655½, dead bolt by key from outside, by No. 15X turn knob from inside. Nos. 654¼-654¾, dead bolt by key from either side.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinders
654¼	654¾	Bronze	Two
655	655½	"	One

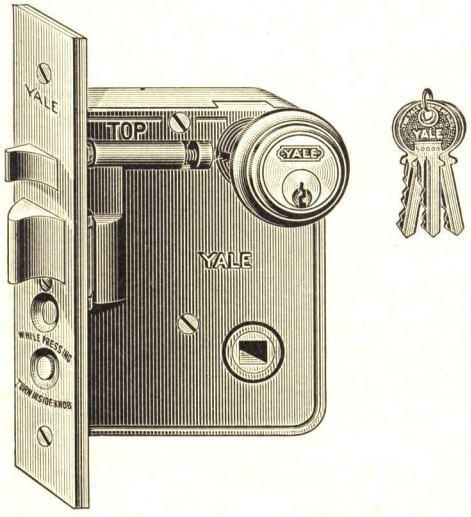
Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER OFFICE DOOR LOCKS

Nos. 657 and 687 Locks

Automatic Deadlocking Bolt

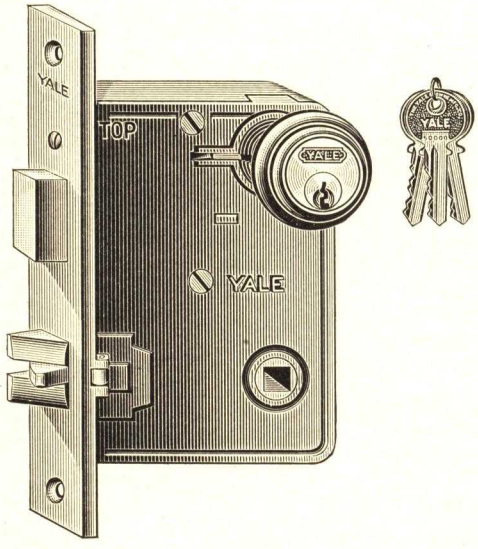


Front . . . . Flat, armored, 7¼ x 1 5/16 in. Beveled, armored, 7¼ x 1 5/16 in. Regular bevel, ⅛ in 2 in.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5 x 3⅞ x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, hinged type.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . Outside, 3 in.; inside, knob only.
Operation . . No. 657. By knob from both sides except when outside knob is set by stop in front. When outside knob is stopped, bolt can be operated by key only from outside, and knob from inside.
No. 687. By knob from inside only. Stop work is omitted. Outer knob is pinned fast and serves as pull in closing door. The latch bolt may be retracted by key from outside and is held in that position when key is withdrawn.
When door is closed, the trigger bolt automatically deadlocks the bolt and makes it proof against end pressure, but it can always be retracted by key from outside or knob from inside. Stopwork on No. 657 is locked when outer knob is stopped, and can be released only by turning the inside knob and pushing in the lower plunger.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolts	Cylinder
657	Bronze	One
687	"	"

No. 2663 Lock



Front . . . Beveled, 7⅞ x 1⅛ in. Regular bevel, ⅛ in 2 in.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5½ x 4 x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. spindle.
Latch Bolt . . Anti-friction. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 3 in.
Spacing . . . Outside, 3½ in.; inside, 3¼ in.
Operation . . Latch bolt by knob from both sides. Dead bolt by key from outside, by No. 15X turn knob from inside. The turn knob also acts as a stop to knob, but the key from outside will always throw off the stop on the knob, so latch bolt can be operated by knob.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

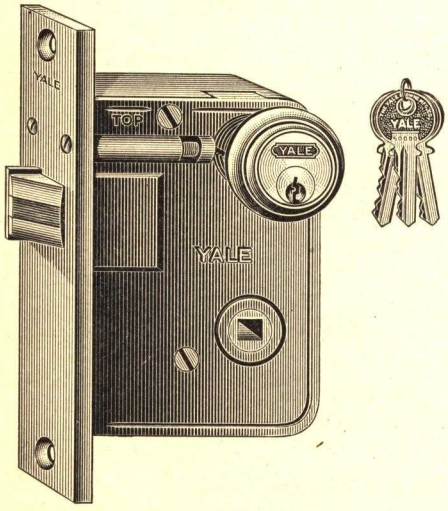
No.	Front and Bolts	Cylinder
2663	Bronze	One

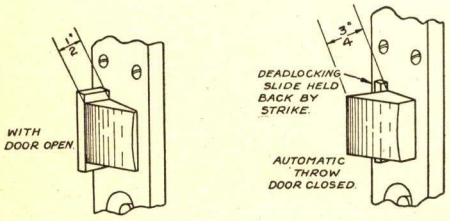
Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

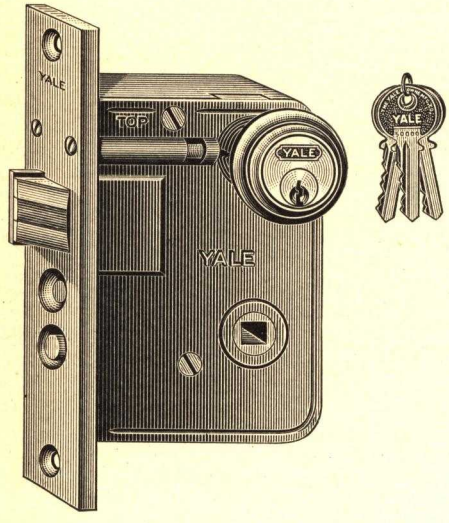
CYLINDER OFFICE DOOR LOCKS

Automatic Deadlocking Bolt, 3/4 in. Double Throw

CUTS ONE-THIRD SIZE







No. 737 1/4 Series

Construction . Type M, see page 3.
Front . . . . Flat, 7 3/4 x 1 5/16 in. Beveled, 7 3/4 x 1 5/16 in. Regular bevel, 1/8 in 2 in. Rabbeted, 7 3/4 x 1 3/8 in.; 1/2 in. rabbet.
Not Reversible Specify hand and thickness of door.
Case . . . . . 2 3/4 in. backset, 5 1/2 x 3 7/8 x 1 1/16 in. Japanned iron.
Strike . . . . Flat, box type; lip to center, 1 3/8 in. See page 7. Rabbeted, lip to center, 1 1/4 in. See page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Double throw, easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . As below.
Spacing . . . Outside and inside, 3 in.
Operation . . By knob from both sides, except when outside knob is set by key through inside cylinder. When outside knob is stopped, bolt can be operated by key only from outside and knob from inside. When door is closed, the slide automatically dead locks the bolt and makes it proof against end pressure, but it can be always be retracted by key from outside or knob from inside. Bolt has 1/2 in. throw when door is open; the action of closing the door causes the second throw to project, thus giving a throw of 3/4 in. when door is closed.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Backset	Front and Bolt	Cylinders
737 1/4	**737 3/4**	2 3/4 in.	Bronze	Two
737 1/4W	**737 3/4W**	3 1/4 "	"	"

No. 738 Series

Construction . Type M, see page 3.
Front . . . . Flat, 7 3/4 x 1 5/16 in. Beveled, 7 3/4 x 1 5/16 in. Regular bevel. 1/8 in 2 in. Rabbeted 7 3/4 x 1 3/8 in.; 1/2 in. rabbet.
Not Reversible Specify hand and thickness of door.
Case . . . . . 2 3/4 in. backset, 5 1/2 x 3 7/8 x 1 1/16 in. Japanned iron.
Strike . . . . Flat, box type; lip to center, 1 3/8 in. See page 7. Rabbeted, lip to center, 1 1/4 in. See page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Double throw, easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . As below.
Spacing . . . Outside, 3 in.; inside, knob only.
Operation . . By knob from both sides, except when outside knob is set by stop in front. When outside knob is stopped, bolt can be operated by key only from outside and knob from inside. When door is closed, the slide automatically deadlocks the bolt and makes it proof against end pressure, but it can always be retracted by key from outside or by knob from inside. Bolt has a 1/2 in. throw when door is open; the action of closing the door causes the second throw to project, thus giving bolt a throw of 3/4 in. when door is closed. Stopwork is locked when outer knob is stopped, and can be released only by turning the inside knob and pushing in the lower plunger.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

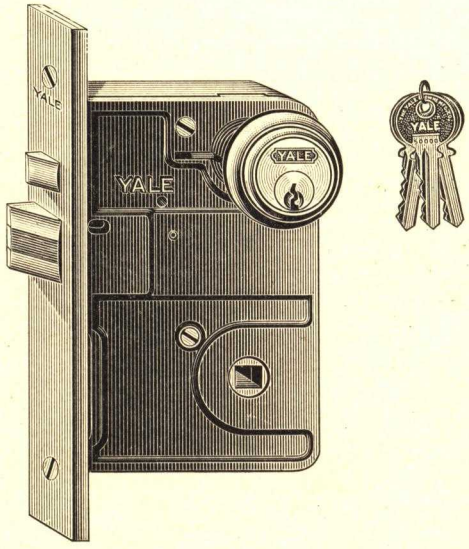
No. Flat Front	No. Rabbeted Front	Backset	Front and Bolt	Cylinder
738	**738 1/2**	2 3/4 in.	Bronze	One
738W	**738 1/2W**	3 1/4 "	"	"

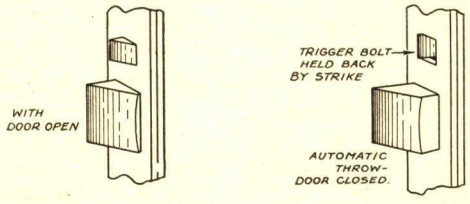
Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

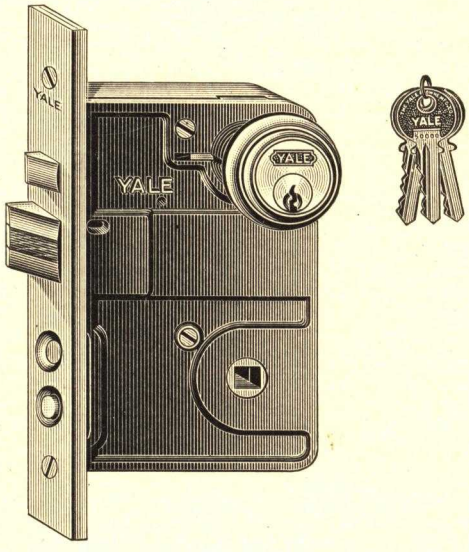
CUTS ONE-THIRD SIZE

CYLINDER OFFICE DOOR LOCKS

Automatic Deadlocking Bolt 3/4 in. Double Throw







For complete description of rabbeted front, see page 6.

Nos. 7737 1/4 and 8737 1/4 Series

No. 8737 1/4 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5 3/4 x 3 7/8 x 3/4 in. Japanned iron.
Strike . . . . Box type; lip to center; flat, 1 1/4 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Double throw, easy-spring; self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2 3/4 in.
Spacing . . . Outside and inside, 3 1/2 in.
Operation . . By knob from both sides except when outside knob is set by key through inside cylinder. When outside knob is stopped, bolt can be operated by key only from outside and knob from inside. When door is closed, the trigger bolt automatically deadlocks the bolt and makes it proof against end pressure, but it can always be retracted by key from outside or knob from inside. Bolt has 1/2 in. throw when door is open, the action of closing the door causes the second throw to project, thus giving bolt a throw of 3/4 in. when door is closed.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1 1/8 in.	No. with Front, 8 x 1 1/4 in.	Front	Bolts	Cylinders
7737 1/4	8737 1/4	Bronze, flat	Bronze	Two
7737 3/4	8737 3/4	" rabbeted	"	"

Nos. 7738 and 8738 Series

No. 8738 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5 3/4 x 3 7/8 x 3/4 in. Japanned iron.
Strike . . . . Box type; lip to center; flat, 1 1/4 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Double throw, easy-spring; self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2 3/4 in.
Spacing . . . Outside, 3 1/2 in.; inside, knob only.
Operation . . By knob from both sides except when outside knob is set by stop in front. When outside knob is stopped, bolt can be operated by key only from outside, and knob from inside. When door is closed, the trigger bolt automatically deadlocks the bolt and makes it proof against end pressure, but it can always be retracted by key from outside or knob from inside. Bolt has 1/2 in. throw when door is open; the action of closing the door causes the second throw to project, thus giving bolt a throw of 3/4 in. when door is closed.
Stopwork is locked when outer knob is stopped, and can be released only by turning the inside knob and pushing in the lower plunger.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

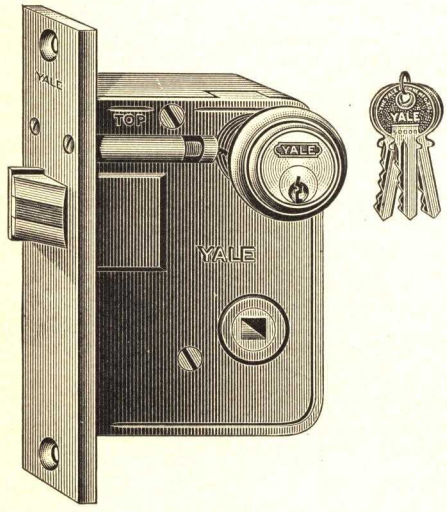
No. with Front, 8 x 1 1/8 in.	No. with Front, 8 x 1 1/4 in.	Front	Bolts	Cylinder
7738	8738	Bronze, flat	Bronze	One
7738 1/2	8738 1/2	" rabbeted	"	"

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER OFFICE DOOR LOCKS

Pneumatically Controlled Automatic Deadlocking Bolt, 3/4 in. Double Throw

CUTS ONE-THIRD SIZE

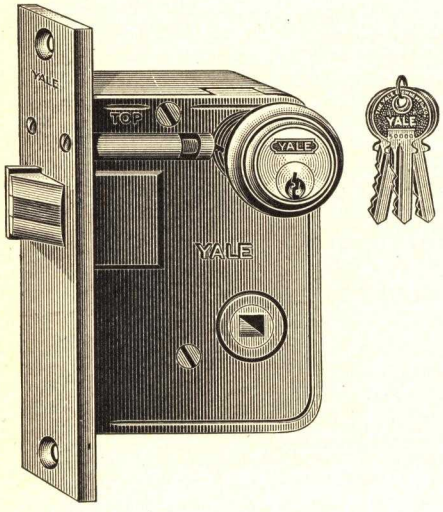


No. 747 1/4 Series

Construction . Type M, see page 3.
Front . . . . Flat, 7 3/4 x 1 5/16 in. Beveled, 7 3/4 x 1 5/16 in. Regular bevel, 1/8 in 2 in.
Not Reversible Specify hand and thickness of door.
Case . . . . . 2 3/4 in. backset, 5 1/2 x 3 7/8 x 1 1/16 in. Japanned iron.
Strike . . . . Box type; lip to center, 1 3/8 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. spindle.
Latch Bolt . . Pneumatically controlled, double throw, easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . As below.
Spacing . . . Outside and inside, 3 in.
Operation . . By knob from both sides, except when knobs are set by key through either the outside or inside cylinder. When door is closed, the slide automatically deadlocks the bolt and makes it proof against end pressure. Bolt has 1/2 in. throw when door is open; the action of closing the door causes the second throw to project, thus giving bolt a throw of 3/4 in. when door is closed. By means of a pneumatic device in the lock the bolt goes into the deadlocked position slowly and quietly.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Backset	Front and Bolt	Cylinders
747 1/4	2 3/4 in.	Bronze	Two
747 1/4W	3 1/4 "	"	"



No. 748 1/4 Series

Construction . Type M, see page 3.
Front . . . . Flat, 7 3/4 x 1 5/16 in. Beveled, 7 3/4 x 1 5/16 in. Regular bevel, 1/8 in 2 in.
Not Reversible Specify hand and thickness of door.
Case . . . . 2 3/4 in. backset, 5 1/2 x 3 7/8 x 1 1/16 in. Japanned iron.
Strike . . . . Box type; lip to center, 1 3/8 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. spindle.
Latch Bolt . . Pneumatically controlled, double throw, easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . As below.
Spacing . . . Outside, and inside, 3 in.
Operation . . Both knobs are rigid. No stop work in front. Bolt can be operated by key from either side. When door is closed, the slide automatically deadlocks the bolt and makes it proof against end pressure.
Bolt has 1/2 in. throw when door is open; the action of closing the door causes the second throw to project, thus giving bolt a throw of 3/4 in. when door is closed. By means of a pneumatic device in the lock the bolt goes into the deadlocked position slowly and quietly.

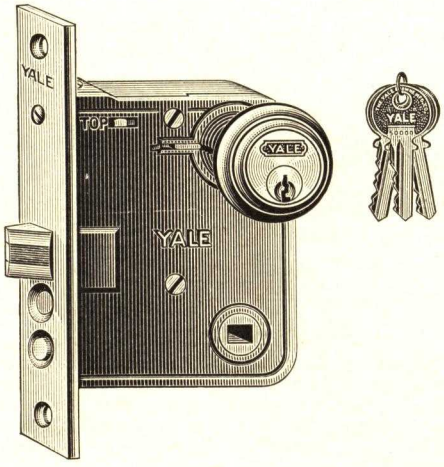
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Backset	Front and Bolt	Cylinders
748 1/4	2 3/4 in.	Bronze	Two
748 1/4W	3 1/4 "	"	"

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER OFFICE DOOR LOCKS



No. 781 Lock

Vestibule and Office Door Lock

Front . . . . Flat, 6¾ x 1 in. Beveled, 6¾ x 1 in. Regular bevel, ⅛ in 2 in.

Reversible . Flat front for doors of either hand. Beveled, not reversible. Specify hand.

For Doors . . Specify thickness of door.

Case . . . . . 4½ x 3⅝ x ¾ in. Japanned iron.

Strike . . . . Lip to center, 1¼ in., see page 7.

Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

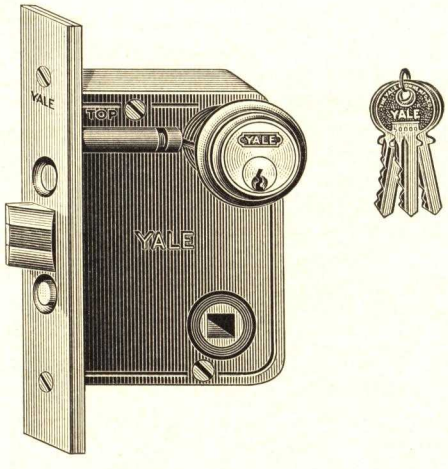
Backset . . . 2¾ in.

Spacing . . . Outside, 3 in.; inside, knob only.

Operation . . By knob from both sides; outer knob may be set by stop. When outer knob is stopped, by key from outside.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolt	Cylinder
781	Bronze	One



No. 670 Series

Office Door Lock

Construction . Type M, see page 3.

Front . . . . Beveled, armored, 6⅞ x 1⅛ in. Regular bevel, ⅛ in 2 in. Rabbeted, 7 x 1⅛ in.; ½ in. rabbet.

Not Reversible Specify hand and thickness of door.

Case . . . . . 4⅝ x 3¾ x ⅞ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.

Hubs . . . . Bronze, ⅜ in. swivel compensating for knob, 5/16 in. for turn knob.

Latch Bolt . . Easy spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . 2¾ in.

Spacing . . . Outside, 3 in.; inside 2¾ in.

Operation . . By knob from both sides; outer knob may be set by stop. By key from outside, when outer knob is stopped. Latch bolt may be deadlocked by No. 55 turn knob from inside, thus giving the security of a deadlock. When so deadlocked, cannot be operated by key.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

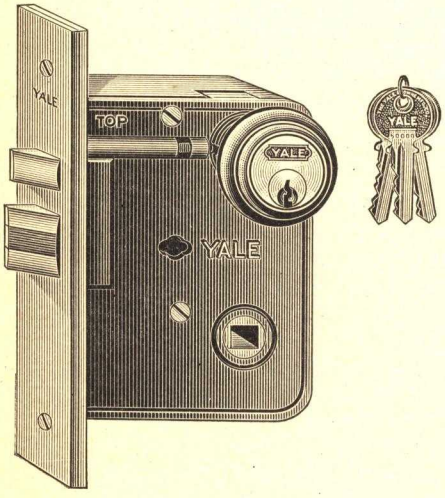
No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinder
670	670½	Bronze	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER OFFICE DOOR LOCKS

Automatic Deadlocking Bolt

CUTS ONE-THIRD SIZE

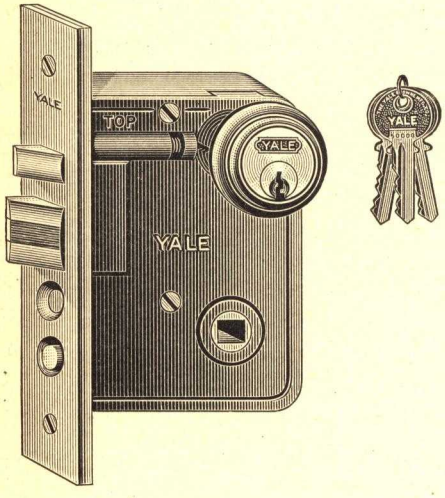


No. 646¼ Series

Construction . Type M, see page 3.
Front . . . . Flat, armored, 7¼ x 1 5/16 in. Beveled, armored, 7¼ x 1 5/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 7¼ x 1 5/16 in.; ½ in. rabbet.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5 x 3 7/8 x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII. Can be furnished with anti-friction latch bolt to special order.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . Outside and inside, 3 in.
Operation . . By knob from both sides, except when outside knob is set by key through inside cylinder. When outside knob is stopped, bolt can be operated by key only from outside and knob from inside. When door is closed, the trigger bolt automatically deadlocks the bolt and makes it proof against end pressure, but it can always be retracted by key from outside, or knob from inside.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinders
646¼	646¾	Bronze	Two



No. 656 Series

Construction . Type M, see page 3.
Front . . . . Flat, armored, 7¼ x 1 5/16 in. Beveled, armored, 7¼ x 1 5/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 7¼ x 1 5/16 in.; ½ in. rabbet.
Reversible . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5 x 3 7/8 x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII. Can be furnished with anti-friction latch bolt to special order.
Cylinder . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . Outside, 3 in.; inside, knob only.
Operation . . By knob from both sides except when outside knob is set by stop in front. When outside knob is stopped, bolt can be operated by key only from outside, and knob from inside. When door is closed, the trigger bolt automatically deadlocks the bolt and makes it proof against end pressure, but it can always be retracted by key from outside or knob from inside. Stopwork is locked when outer knob is stopped, and can be released only by turning the inside knob and pushing in the lower plunger.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

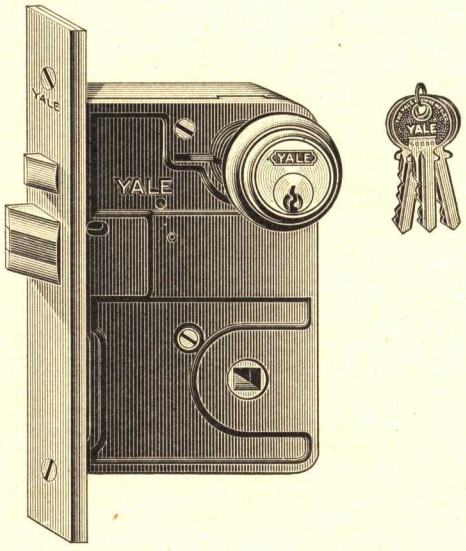
No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinder
656	656½	Bronze	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER OFFICE DOOR LOCKS

Automatic Deadlocking Bolt



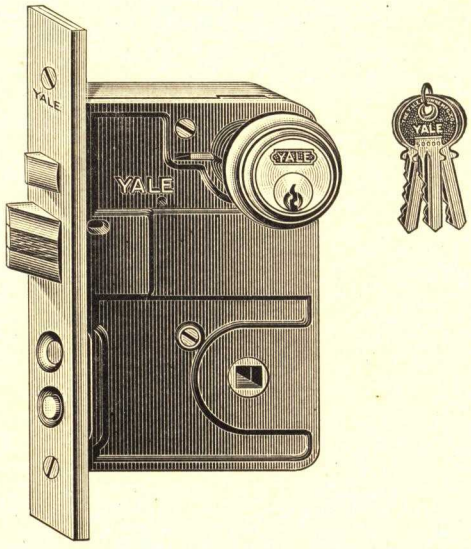
Nos. 7646 and 8646 Series

No. 8646 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Strike . . . . Lip to center, flat, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . Nos. 7646-8646. Outside, 3½ in.; inside knob only.
Nos. 7646¼-8646¼. Outside and inside, 3½ in.
Operation . . Nos. 7646-8646. By knob from both sides, except when outside knob is set by key through outside cylinder (no inside cylinder). Bolt can always be operated by knob from inside.
Nos. 7646¼-8646¼. By knob from both sides, except when outside knob is set by key through inside cylinder. When outside knob is stopped, bolt can be operated by key only from outside, and knob from inside. When door is closed, the trigger bolt automatically deadlocks the bolt and makes it proof against end pressure.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolts	Cylinders
7646	8646	Bronze, flat	Bronze	One
7646¼	8646¼	" "	"	Two
7646½	8646½	" rabbeted	"	One
7646¾	8646¾	" "	"	Two



For complete description of rabbeted front, see page 6.

Nos. 7656 and 8656 Series

No. 8656 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . Regular, 2¾ in.; 2½ in. to order, at the same price.
Spacing . . . Outside, 3½ in.; inside, knob only.
Operation . . By knob from both sides except when outside knob is set by stop in front. When outside knob is stopped, bolt can be operated by key only from outside, and knob from inside. When door is closed, the trigger bolt automatically deadlocks the bolt and makes it proof against end pressure, but it can always be retracted by key from outside or knob from inside. Stopwork is locked when outer knob is stopped, and can be released only by turning the inside knob and pushing in the lower plunger.

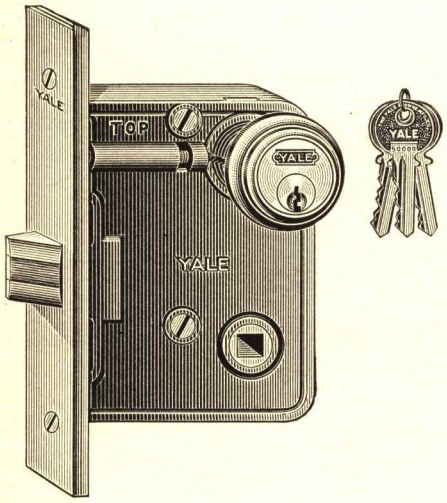
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolts	Cylinder
7656	8656	Bronze, flat	Bronze	One
7656½	8656½	" rabbeted	"	"

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER OFFICE DOOR LOCKS

CUTS ONE-THIRD SIZE

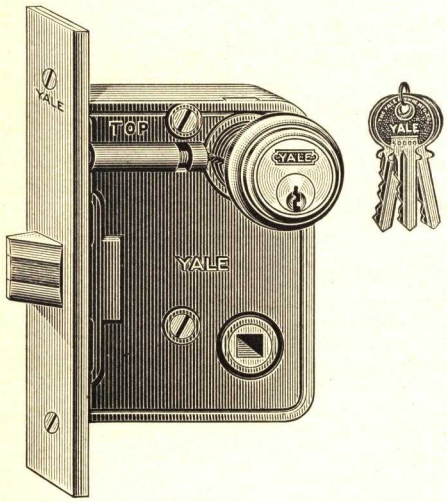


No. 791 Series

Construction . Type M, see page 3.
Front . . . . Flat, armored, 7¼ x 1⅛ in. Beveled, armored, 7¼ x 1⅛ in.
Regular bevel, ⅛ in 2 in. Rabbeted, 7¼ x 1⅛ in.; ½ in. rabbet.
Reversible . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5 x 3¾ x $1\frac{3}{16}$ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Can be furnished with anti-friction latch bolt to special order.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . Outside, 3 in.; inside, knob only.
Operation . . By knob from inside only. No stop work in front. Outer knob is pinned fast and serves as pull in closing door. Latch bolt is retracted by key from outside.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinder
791	791½	Bronze	One



No. 792¼ Series

Construction . Type M, see page 3.
Front . . . . Flat, armored, 7¼ x 1⅛ in. Beveled, armored, 7¼ x 1⅛ in.
Regular bevel, ⅛ in 2 in. Rabbeted, 7¼ x 1⅛ in., ½ in. rabbet.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5 x 3¾ x $1\frac{3}{16}$ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Can be furnished with anti-friction latch bolt to special order.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . Outside and inside, 3 in.
Operation . . By knob from both sides, except when outside knob is set by key through inside cylinder. When outside knob is stopped, bolt can be operated by key only from outside and knob from inside.

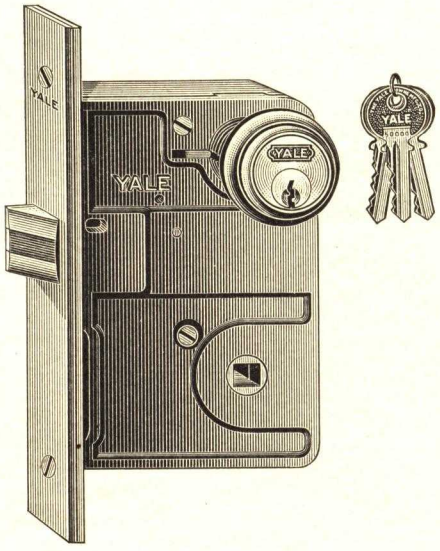
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinders
792¼	792¾	Bronze	Two

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER OFFICE DOOR LOCKS



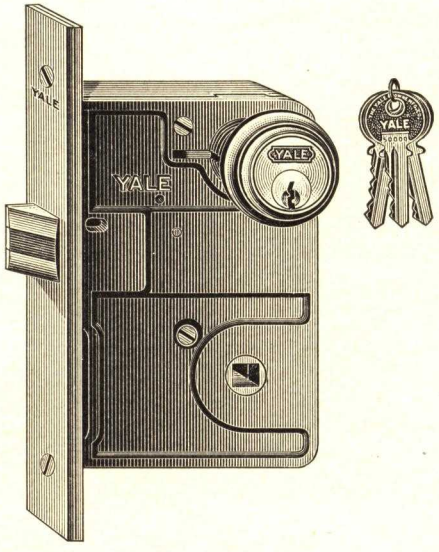
Nos. 7791 and 8791 Series

No. 8791 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted; not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Strike . . . . Lip to center, flat; 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . Regular, 2¾ in.; 2½ in. to order, at the same price.
Spacing . . . Outside, 3½ in.; inside, knob only.
Operation . . By knob from inside only. No stop work in front. Outer knob is pinned fast and serves as pull in closing door. Latch bolt is retracted by key from outside.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolt	Cylinder
7791	**8791**	Bronze, flat	Bronze	One
7791½	**8791½**	" rabbeted	"	"



For complete description of rabbeted front, see page 6.

Nos. 7792 and 8792 Series

No. 8792 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Spacing . . . Nos. 7792-8792. Outside, 3½ in.; inside, knob only. Nos. 7792¼-8792¼. Outside and inside, 3½ in.
Operation . . Nos. 7792-8792. By knob from both sides, except when outside knob is set by key through outside cylinder. (No inside cylinder.) Bolt can always be operated by knob from inside.
Nos. 7792¼-8792¼. By knob from both sides, except when outside knob is set by key through inside cylinder. When outside knob is stopped, bolt can be operated by key only from outside and knob from inside.

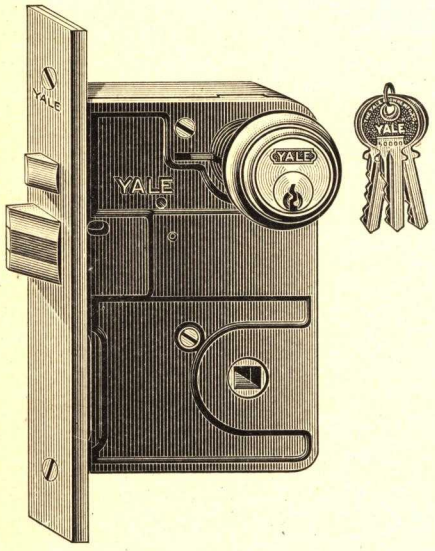
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolt	Cylinders
7792	**8792**	Bronze, flat	Bronze	One
7792¼	**8792¼**	" "	"	Two
7792½	**8792½**	" rabbeted	"	One
7792¾	**8792¾**	" "	"	Two

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER OFFICE DOOR LOCKS

CUTS ONE-THIRD SIZE



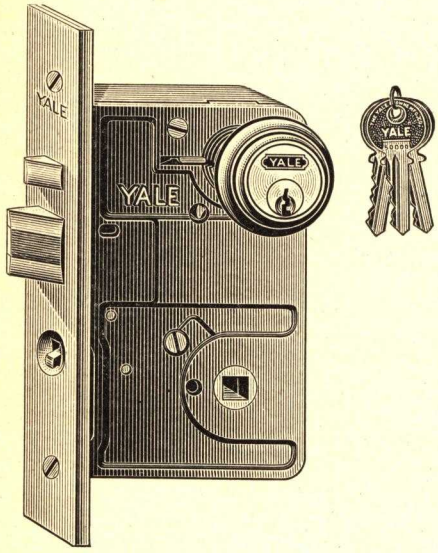
Nos. 7648 and 8648 Series

No. 8648 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5 3/4 x 3 7/8 x 3/4 in. Japanned iron.
Strike . . . . Lip to center; flat, 1 1/4 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2 3/4 in.
Spacing . . . Outside, 3 1/2 in.; inside, knob only.
Operation . . By knob from inside only. No stop work in front. Outer knob is pinned fast and serves as pull in closing door. Latch bolt is retracted by key from outside. When door is closed, the trigger bolt automatically deadlocks the bolt and makes it proof against end pressure, but it can always be retracted by key from outside or knob from inside.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1 1/8 in.	No. with Front, 8 x 1 1/4 in.	Front	Bolts	Cylinder
7648	**8648**	Bronze, flat	Bronze	One
7648 1/2	**8648 1/2**	" rabbeted	"	"



For complete description of rabbeted front, see page 6.

Nos. 7649 and 8649 Series

No. 8649 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel; 1/8 in 2 in. Not furnished with special bevel.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5 3/4 x 3 7/8 x 3/4 in. Japanned iron.
Strike . . . . Lip to center; flat, 1 1/4 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2 3/4 in.
Spacing . . . Outside, 3 1/2 in.; inside, knob only.
Operation . . By knob from inside only. Outer knob is pinned fast and serves as pull in closing door. Latch bolt is retracted by key from outside. Latch bolt and trigger bolt may both be held retracted in case by stop in front. When door is closed, the trigger bolt automatically deadlocks the bolt and makes if proof against end pressure, but it can always be retracted by key. From outside or knob from inside.

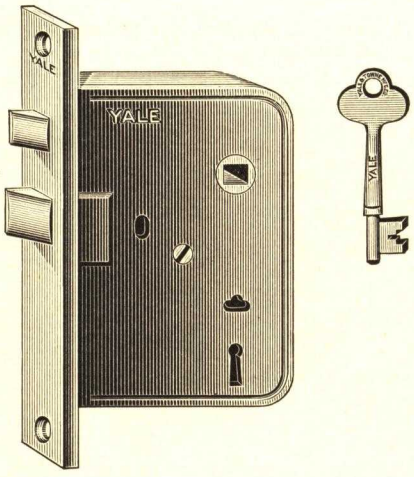
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1 1/8 in.	No. with Front, 8 x 1 1/4 in.	Front	Bolts	Cylinder
7649	**8649**	Bronze, flat	Bronze	One
7649 1/2	**8649 1/2**	" rabbeted	"	"

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CLASS ROOM DOOR LOCKS

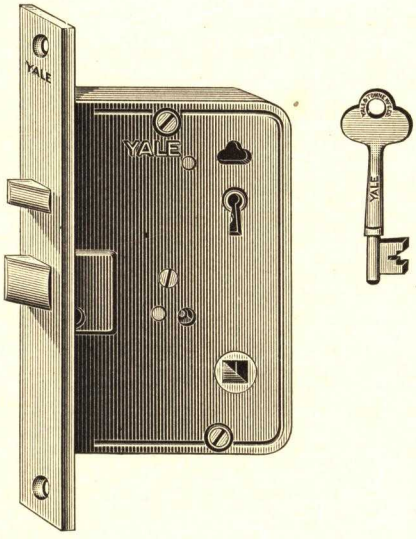


No. 772 Series
Automatic Deadlocking Bolt

Front . . . . Flat, 6⅞ x 1 in. Beveled, 6⅞ x 1 in. Regular bevel, ⅛ in 2 in. Rabbeted, 6⅞ x 1⅛ in.; ½ in. rabbet, beveled, ⅛ in 2 in.
Not Reversible Specify hand.
Case . . . . . 4⅞ x 3⅝ x 1 1/16 in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1 in., see page 7.
Hub . . . . . Bronze, compensating, for 5/16 in. swivel spindle.
Key . . . . . One, nickel plated steel, No. S53; S145 or S145½ when used in sets with No. 820 or 821 locks.
Tumblers . . . Three, 54 changes.
Backset . . . 2¾ in.
Spacing . . . 2¾ in.
Operation . . By knob from inside at all times, from outside by knob only when outer knob is not stopped. Stop is set and released by key. When door is closed and the stop set, the trigger bolt automatically deadlocks bolt and makes it proof against end pressure. When outside knob is released by key the trigger bolt is held in a retracted position.

Master-keying: Can be master-keyed in sets with Nos. 1500 or 820 locks.

No. Flat Front	No. Rabbeted Front	Front and Bolts
772	**772½**	Cast bronze



Nos. 872 and 875 Locks
Automatic Deadlocking Bolt

Front . . . . Flat, 8 x 1⅛ in. Beveled, 8 x 1⅛ in. Regular bevel, ⅛ in 2 in.
Reversible . . Flat front for doors of either hand. Beveled, not reversible. Specify hand.
Case . . . . . 5⅝ x 3⅝ x 1 1/16 in. Japanned iron.
Strike . . . . Lip to center, 1⅛ in., see page 7.
Hub . . . . . Bronze, compensating, for 5/16 in. swivel spindle.
Key . . . . . One, nickel plated steel, No. S53.
Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.
Backset . . . Regular, 2¾ in.; also 2½ in. to order, at the same price.
Spacing . . . 2¾ in.
Operation . . No. 872 Lock: By knob from inside at all times, from outside by knob only when outer knob is not stopped. Stop is set and released by key. When door is closed and the stop set, the trigger bolt automatically deadlocks the bolt and makes it proof against end pressure. When outside knob is released by key, the trigger bolt is held in a retracted position.

No. 875 Lock: Latch bolt by key from outside, by knob from inside, outer knob being rigid at all times. Latch bolt and trigger bolt may be held in the retracted position by key operation. When bolts are retracted the inside knob has no function. The latch bolt and trigger bolt may be released to the locked position by key operation; after which, the latch bolt may be operated from inside by knob. When the door is closed the trigger bolt automatically deadlocks the latch bolt and makes it proof against end pressure. The fronts are made so that foreign objects cannot be pushed into the lock through the bolt holes when the bolts are retracted in the case.

Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No.	Front and Bolts
872	Cast bronze
875	" "

Packed: Each in a box, with screws.
When ordering, give hand of door and finish. For finishes, see page XXV.

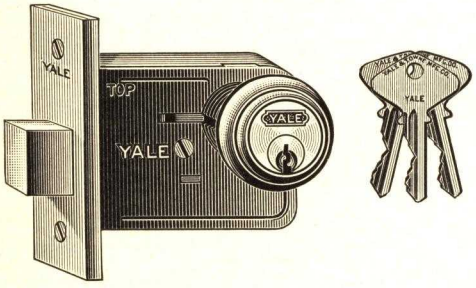
CYLINDER HOTEL LOCKS

For Corridor Doors of Hotels and Apartment Houses

CUTS ONE-THIRD SIZE

No. 1327 Series Cylinder Mortise Deadlocks

For Corridor Doors of Hotels and Apartment Houses



These locks are designed especially for additions to hotels and apartment houses, to provide the advantage of master-keying the original building with the new addition. Use the No. 1674 lock for the new part, and apply the No. 1327 locks to the old doors, leaving the original locks in place for the knob action only.

Front . . . . Flat, armored, $4\frac{1}{8}$ x $1\frac{3}{16}$ in. Beveled $4\frac{1}{8}$ x $1\frac{3}{16}$ in. Regular bevel, $\frac{1}{8}$ in 2 in.
Not Reversible Specify hand and thickness of door.
Case . . . . . $2\frac{1}{2}$ x $3\frac{15}{16}$ x $1\frac{3}{16}$ in. Japanned iron.
Cylinder . . . Bronze.
Keys . . . . Three, No. 11F, guest or change keys. Other keys as ordered.
Backset . . . $2\frac{3}{4}$ in.
Indicator . . Use, optional. Furnished with No. Y5 only, if wanted and at an additional price.
Operation . . From corridor side by all keys except when locked from inside by turn knob, when guest's, maid's and housekeeper's keys are inoperative. Display and emergency-shutout keys operate dead bolt at all times. The turn knob throws and retracts the bolt which operates the Y5 indicator on corridor side. When bolt is thrown, the lock is inoperative from corridor side, except by display or emergency-shutout keys.
The emergency-shutout key is one key. These locks can also be furnished with separate emergency and shutout keys at an additional price. Suffix "F" to list number, thus 1327F. The shutout key of the No. 1327F series is for locking only. Entrance to the room cannot be gained with this key.

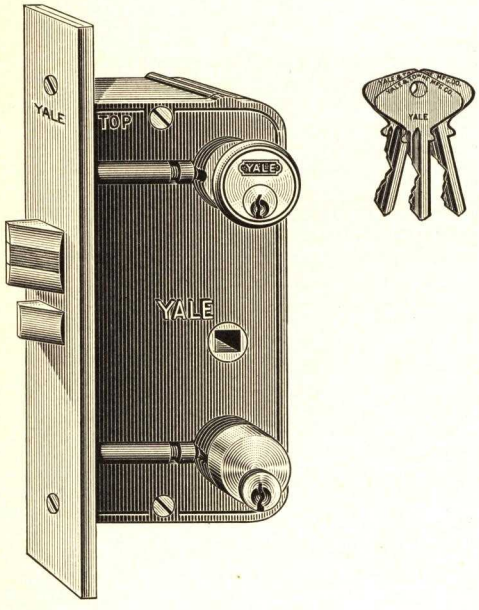
Master-keying: These locks are regular, master-keyed. See page XXXIII.

No.	Front and Bolt	Trim outside	Trim inside	Cylinder
1327	Bronze	XU1174*	15X turnknob	One

*If indicator plate is wanted, order must so specify.

No. 6677 Lock

For Corridor Doors



Front . . . . Beveled, armored, $9\frac{1}{4}$ x $1\frac{1}{4}$ in.
Not Reversible Specify hand and thickness of door.
Case . . . . . $6\frac{3}{4}$ x $3\frac{3}{4}$ x $\frac{7}{8}$ in. Japanned iron.
Strike . . . . Box, flat or protected type as ordered.
Hub . . . . . Bronze, for $\frac{3}{8}$ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinders . . Bronze, upper, special. Six pin-tumblers.
Lower, headless type. Six pin-tumblers.
Keys . . . . Three, No. 11F guest keys. Other keys as ordered.
Shutout Key Furnished when desired.
Backset . . . $2\frac{3}{4}$ in.
Indicator . . Use, optional. Furnished with No. Y4 or Y5 if wanted, and at an additional price. When locked from room side, guest's, maid's and housekeeper's keys will rotate freely in cylinder, showing that room is occupied.
Spacing . . . Upper cylinder to knob, $2\frac{3}{4}$ in. Knob to lower cylinder, $1\frac{3}{4}$ in.
Operation . . Trigger bolt locks latch bolt against end pressure when door is closed. The cylinder above knob is for guest's, display and combined emergency and shutout keys. The service cylinder below knob is for maid's and housekeeper's keys. Outside knob rigid at all times. Guest's key in upper cylinder and maid's and housekeeper's keys in lower cylinder will operate from corridor side except when locked by turn knob on room side, at which time the emergency, shutout or display keys only will operate. The display key cannot be shut out.
When locked by turn knob on room side the inside knob will be rigid, the guest's, maid's and housekeeper's keys will rotate freely in the cylinder from the corridor side without operating the lock.
When locked by display key, the guest's, maid's and housekeeper's keys will rotate freely without operating the lock, but the emergency-shutout key will operate. The emergency-shutout key is one key.

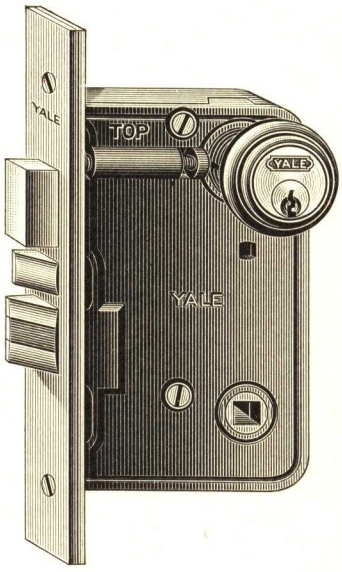
Master-keying: These locks are regular, master-keyed. See page XXXIII.

No.	Front and Bolts	Cylinders
6677	Bronze	Two

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER HOTEL AND APARTMENT HOUSE LOCKS



No. 1674 Series
For Corridor Doors



Front . . . . Flat armored, 8 5/16 x 1 1/8 in. Beveled, armored. 8 5/16 x 1 1/8 in. Regular bevel, 1/8 in 2 in.
Not Reversible Specify hand and thickness of door.
Case . . . . . 6 x 3 3/4 x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center, 1 1/4 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Six pin-tumblers.
Keys . . . . Three, No. 11F guest keys. Other keys as ordered.
Backset . . . . 2 3/4 in.
Spacing . . . Outside, 4 in.; inside, No. 1674, 3 3/4 in.; No. 1674 1/4, 4 in.
Indicator . . . Use, optional. Furnished with No. Y5 only, if wanted and at an additional price.
Operation . . Outside knob rigid at all times.

No. 1674A . . Latch bolt from corridor side by all keys except when locked from inside by turn knob, when guest's, maid's and housekeeper's keys are inoperative and will freely rotate the plug. From room side by knob, except when dead bolt is thrown. The turn knob throws and retracts the dead bolt, which operates the Y5 indicator on corridor side. When the dead bolt is thrown, the lock is inoperative from corridor side. The dead bolt cannot be thrown from outside by the guest's key. When door is closed the trigger bolt automatically deadlocks the latch bolt and makes it proof against end pressure.

No. 1674B . . Same as No. 1674A, except that an emergency key is supplied which will operate the lock at all times and which can also be used as a shutout key against all other keys.

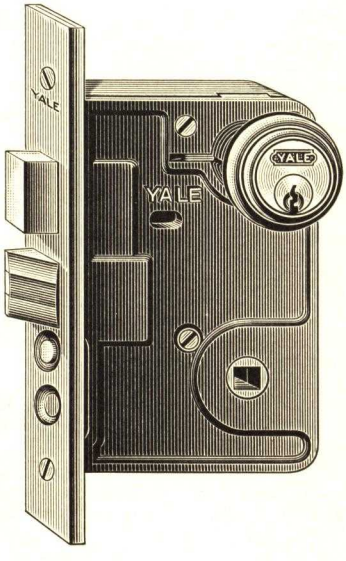
No. 1674C . . Latch bolt from corridor side by all keys except when locked from inside by turn knob or from outside by guest's key. From room side by knob, except when dead bolt is thrown. When the dead bolt is thrown from either side, the maid's and housekeeper's keys are inoperative and will freely rotate the plug. The guest key is operative at all times.

No. 1674D . . Same as No. 1674C, except that an emergency key is supplied. The dead bolt can be thrown by guest's or emergency key on outside. The emergency key does not act as a shutout key against the guest's key. The guest and emergency keys are operative at all times.

No. 1674 1/4 Series have the same operations as above but are operated by a key inside, instead of turn knob. When locked from room side, the guest's key cannot be withdrawn. The emergency-shutout key in the No. 1674B locks is the same key. These locks can also be furnished with separate emergency and shutout keys at an additional price. Suffix "F" to list numbers, thus 1674BF. The shutout key of the No. 1674BF series is for locking only. Entrance to the room cannot be gained with this key.

Master-keying: These locks are regular, master-keyed. See page XXXIII.

No.	Front and Bolts	Cylinders
1674 Series	Bronze	One
1674 1/4 "	"	Two



Nos. 1677 and 81677 Locks
For Apartment House Entrance Doors

No. 81677 Lock is especially for Hollow Metal Door application. See page 5.



Front . . . . Flat, armored. Beveled, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Reversible . . Flat front for doors of either hand. Beveled, not reversible. Specify hand.
For Doors . . . Specify thickness of door.
Case . . . . 5 3/4 x 3 7/8 x 3/4 in. Japanned iron.
Strike . . . . Lip to center, 1 1/4 in. see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Six-pin tumblers.
Keys . . . . Three, No. 11F tenant keys. Other keys as ordered.
Backset . . . . 2 3/4 in.
Spacing . . . Outside, 3 1/2 in.; inside, 3 1/4 in.
Operation . . Latch bolt by knob from both sides; outer knob may be set by stop. Dead bolt and latch bolt by tenant's and emergency keys from outside at all times. When outer knob is stopped the latch bolt is operable by janitor's key from outside, except when dead bolt is thrown. When dead bolt is thrown either by turn knob from inside, or tenant's key from outside the janitor's key is shut out.

This lock operation is for apartment house use where the janitor's key is to be shut out of occupied apartments. The stop work offers the possibility of locking the unoccupied apartments, but at the same time allowing the janitor to enter for necessary work and inspection.

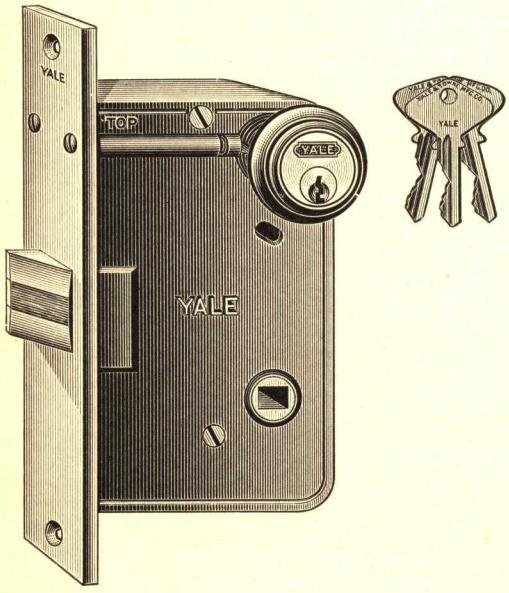
Master-keying: These locks are regular, master-keyed. See page XXXIII.

No. with Front, 8 x 1 1/8 in.	No. with Front, 8 x 1 1/4 in.	Front and Bolts	Cylinder
1677	**81677**	Bronze	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER HOTEL LOCKS

CUTS ONE-THIRD SIZE

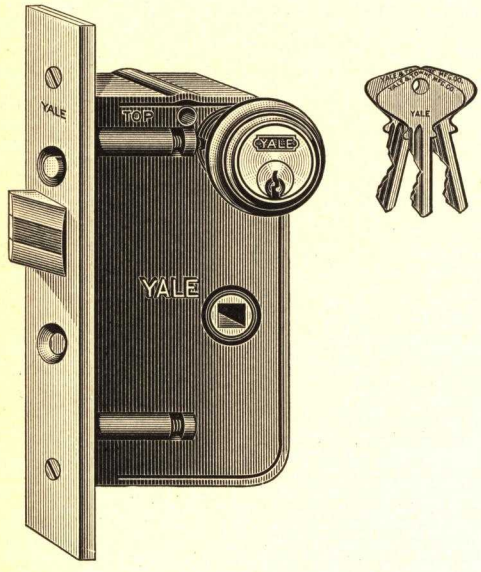


No. 1675 Series

Front . . . . Beveled, 8¾ x 1⅛ in. Regular bevel, ⅛ in 2 in.
Not Reversible For doors opening in only. Specify hand.
Case . . . . . 6½ x 4 x 1 3/16 in. Japanned iron.
Strike . . . . Protected; thickness of door must be given.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Six pin-tumblers.
Keys . . . . Three, No. 11F guest keys. Other keys as ordered.
Backset . . . 3 in.
Spacing . . . 4 in.
Indicator . . Use, optional. Furnished with No. Y4 or Y5 if wanted, and at an additional price.
Operation . . **No. 1675.** From corridor side: By knob, except when stopped by key from outside or turn knob from room side. By guest's, maid's, housekeeper's and emergency keys, but when locked by turn knob from room side, can be operated from corridor side by emergency key only. From room side: By knob except when stopped by turn knob. The turn knob stops the knob on both sides, making the lock inoperative from corridor side except by emergency key.
No. 1675¼, same as No. 1675, but operated by key from room side, instead of turn knob.
No. 1675A, same as No. 1675, except that guest's and emergency keys will operate when door is locked by turn knob on the room side.
No. 1675¼A, same as No. 1675A, but operated by key from room side, instead of turn knob.
No. 1675B, same as No. 1675, but outside knob rigid at all times.
No. 1675¼B, same as No. 1675¼, but outside knob rigid at all times.
No. 1675C, same as No. 1675A, but outside knob rigid at all times.
No. 1675¼C, same as No. 1675¼A, but outside knob rigid at all times.

Master-keying: These locks are regular, master-keyed. See page XXXIII.

No.	Front and Bolt	Cylinders
1675 Series	Cast bronze	One
1675¼ "	" "	Two



No. 1679 Lock

Front . . . . Flat or beveled, armored, 8⅜ x 1⅛ in. Regular bevel, ⅛ in 2 in.
Not Reversible Specify hand.
Case . . . . . 6¼ x 3½ x ⅞ in. Japanned iron.
Strike . . . . Protected; thickness of door must be given.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating, see page XXVII.
Cylinder . . . Bronze. Six pin-tumblers.
Keys . . . . Three, No. 11F guest keys. Other keys as ordered.
Backset . . . 2¾ in.
Spacing . . . 2¾ in.
Indicator . . Use, optional. Furnished with No. Y4 if wanted, and at an additional price.
Operation . . By knob from both sides, except when outer knob is set by stop in front, or by turn knob on inside. Inside knob can be operated at all times. When inside knob is operated, after locking by turn knob on inside, which operates indicator to shut out maid's and housekeeper's keys from corridor side, it automatically throws off the shutout feature, but not the stop work in front, still leaving the outside knob inoperative.
The release of the shutout feature allows all keys to pass the lock, but does not release the outside knob, which can be released only by stop work. Locks can be operated from corridor side by all keys, except when indicator is thrown by turn knob on inside, at which time maid's and housekeeper's keys are shut out. Guest's and emergency keys are operative at all times.

Master-keying: These locks are regular, master-keyed. See page XXXIII.

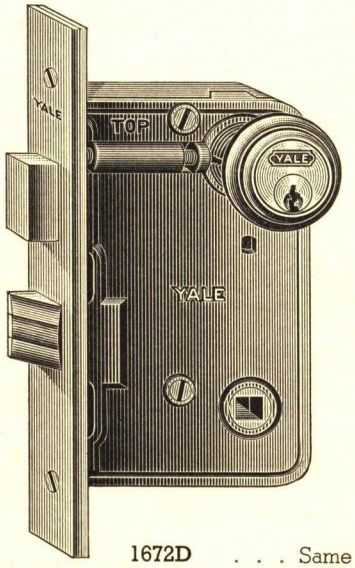
No.	Front and Bolt	Cylinder
1679	Bronze	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

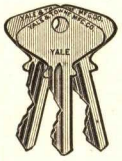
CYLINDER HOTEL LOCKS

For Corridor Doors



No. 1672 Series

Without Stop Work in Front



Front . . . . Flat, armored, 8 5/16 x 1 1/8 in. Beveled, armored, 8 5/16 x 1 1/8 in. Regular bevel, 1/8 in 2 in.
Not Reversible Specify hand and thickness of door.
Case . . . . . 6 x 3 3/4 x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center, 1 1/4 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze, six pin-tumblers.
Keys . . . . Three, No. 11F guest keys. Other keys as ordered.
Backset . . 2 3/4 in.
Spacing . . Outside, 4 in.; inside, No. 1672, 3 3/4 in.; No. 1672 1/4, 4 in.
Indicator . Use, optional. Furnished with No. Y5 only, if wanted, at additional price.
Operation . Outside knob rigid at all times.

1672A . . . . Latch bolt from corridor side by all keys except when locked from inside by turn knob, when all keys are inoperative and will freely rotate the plug. From room side by knob, except when dead bolt is thrown. The turn knob operates the dead bolt, also the Y5 indicator. When the dead bolt is thrown, the lock is inoperative from corridor side. The dead bolt cannot be thrown from outside by the guest key.

1672B . . . . Same as No. 1672A, except that an emergency-shutout key is supplied which will operate the lock at all times and can be used as a shutout key against all other keys.

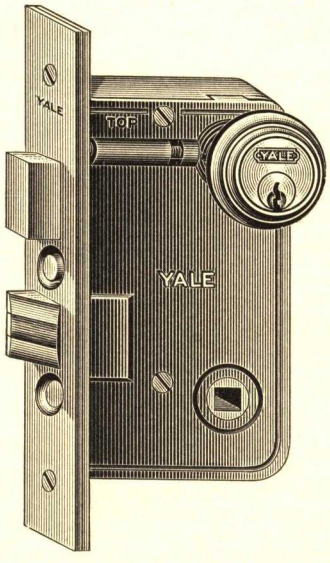
1672C . . . . Same as No. 1672A except it can be locked from outside by guest key. When the dead bolt is thrown from either side, the maid's and housekeeper's keys are inoperative. The guest key is operative at all times.

1672D . . . Same as No. 1672C, except that an emergency key is supplied. The dead bolt can be thrown by guest or emergency key on outside. The emergency key does not act as a shutout key against the guest key. The guest and emergency keys are operative at all times.

No. 1672 1/4 Series have the same operations as above, but are operated by a key inside, instead of turn knob. When locked from room side, the guest key cannot be withdrawn.

Master-keying: These locks are regular, master-keyed. See page XXXIII.

No.		Front and Bolts	Cylinders
1672	Series	Bronze	One
1672 1/4	"	"	Two



No. 1673 Series

With Stop Work in Front



Front . . . . Flat, armored, 8 5/16 x 1 1/8 in. Beveled, armored, 8 5/16 x 1 1/8 in. Regular bevel, 1/8 in 2 in.
Not Reversible Specify hand and thickness of door.
Case . . . . . 6 x 3 3/4 x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center, 1 1/4 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Six pin-tumblers.
Keys . . Three, No. 11F guest keys. Other keys as ordered.
Backset . . 2 3/4 in.
Spacing . Outside, 4 in.; inside, No. 1673, 3 3/4 in.; No. 1673 1/4, 4 in.
Indicator . Use, optional. Furnished with No. Y5 only, if wanted, at additional price.
Operation . . Outside knob controlled by stopwork.

No. 1673A . . Latch bolt by knob from both sides; outer knob may be set by stop. When outer knob is stopped, latch bolt is operated by all keys except when locked from inside by turn knob, when all keys are inoperative and will freely rotate the plug. From room side by knob, except when dead bolt is thrown. The turn knob operates the dead bolt, also the Y5 indicator. When the dead bolt is thrown, the lock is inoperative from corridor side. The dead bolt cannot be thrown from outside by the guest key.

No. 1673B . . Same as No. 1673A, except that an emergency-shutout key is supplied which will operate the lock at all times and can be used as a shutout key against all other keys.

No. 1673C . . Same as No. 1673A except it can be locked from outside by guest's key. When the dead bolt is thrown from either side, the maid's and housekeeper's keys are inoperative. The guest key is operative at all times.

No. 1673D . . Same as No. 1673C, except that an emergency key is supplied. The dead bolt can be thrown by guest or emergency key on outside. The emergency key does not act as a shutout key against the guest key. The guest and emergency keys are operative at all times.

No. 1673 1/4 Series have the same operations as above, but are operated by a key inside, instead of turn knob. When locked from room side, the guest key cannot be withdrawn.

Master-keying: These locks are regular, master-keyed. See page XXXIII.

No.		Front and Bolts	Cylinders
1673	Series	Bronze	One
1673 1/4	"	"	Two

The emergency-shutout key in the Nos. 1672B and 1673B locks is the same key. These locks can also be furnished with separate emergency and shutout keys at an additional price. Suffix "F" to list number, thus 1673BF etc. The shutout key is for locking only. Entrance to the room cannot be gained with this key.

Packed: Each in a box, with screws. When ordering, give thickness of door, hand and finish. For finishes, see page XXV.

CYLINDER HOTEL LOCKS

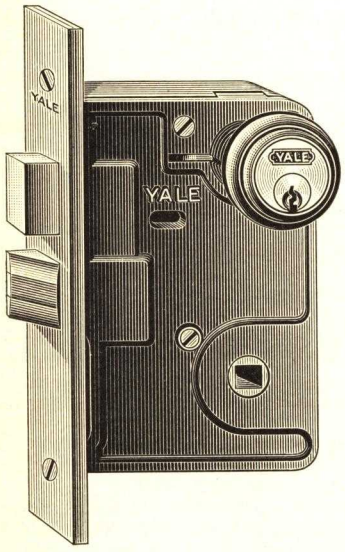
For Corridor Doors

CUTS ONE-THIRD SIZE

Nos. 1642 and 81642 Series

Without Stop Work in Front

No. 81642 Series are especially for Hollow Metal Door application. See page 5.





Front . . . . Flat, armored. Beveled, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Six pin-tumblers.
Keys . . Three, No. 11¾F guest keys. Other keys as ordered.
Backset . . 2¾ in.
Spacing . Outside, 3½ in.; inside, 3¼ in.
Indicator Use, optional. Furnished with No. Y5 only, if wanted at an additional price.
Operation Outside knob rigid at all times.

No. 1642A . . Latch bolt from corridor side by all keys except when locked from inside by turn knob. From room side by knob, except when dead bolt is thrown. The turn knob throws and retracts the dead bolt, which operates the Y5 indicator on corridor side. When the dead bolt is thrown, the lock is inoperative from corridor side. The dead bolt cannot be thrown from outside by the guest's key.

No. 1642B . . Same as No. 1642A, except that an emergency key is supplied which will operate the lock at all times, can also be used as a shutout key against all other keys.

No. 1642C . . Latch bolt from corridor side by all keys except when locked from inside by turn knob or from outside by guest's key. From room side by knob, except when dead bolt is thrown. When the dead bolt is thrown from either side, the maid's and housekeeper's keys are inoperative. The guest key is operative at all times.

No. 1642D . . . Same as No. 1642C, except that an emergency key is supplied. The dead bolt can be thrown by guest's or emergency key on outside. The emergency key does not act as a shutout key against the guest's key. The guest and emergency keys are operative at all times.

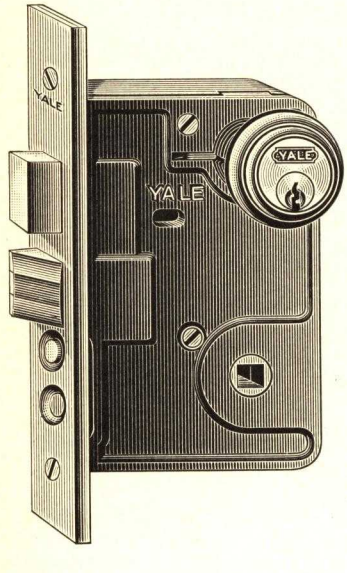
Master-keying: These locks are regular, master-keyed. See page XXXIII.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front and Bolts	Cylinder
1642 Series	**81642** Series	Bronze	One

Nos. 1643 and 81643 Series

With Stop Work in Front

No. 81643 Series are especially for Hollow Metal Door application. See page 5.





Front . . . . Flat, armored. Beveled, armored. Regular bevel, 1/8 in 2 in. Not furnished with special bevel.
Not Reversible Specify hand and thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for ⅜ in. swivel spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Six pin-tumblers.
Keys . . Three, No. 11¾F guest keys. Other keys as ordered.
Backset . . 2¾ in.
Spacing . Outside, 3½ in.; inside, 3¼ in.
Indicator Use, optional. Furnished with No. Y5 only, if wanted at an additional price.
Operation Outside knob controlled by stop work.

No. 1643A . . Latch bolt by knob from both sides; outer knob may be set by stop. When outer knob is stopped, latch bolt is operated by all keys except when dead bolt is thrown from inside by turn knob. From room side by knob, except when dead bolt is thrown. The turn knob throws and retracts the dead bolt, which operates the Y5 indicator on corridor side. When the dead bolt is thrown, the lock is inoperative from corridor side. The dead bolt cannot be thrown from outside by the guest's key.

No. 1643B . . Same as No. 1643A, except that an emergency key is supplied which will operate the lock at all times, can also be used as a shutout key against all other keys.

No. 1643C . . Latch bolt from corridor side by all keys except when locked from inside by turn knob or from outside by guest's key. From room side by knob, except when dead bolt is thrown. When the dead bolt is thrown from either side, the maid's and housekeeper's keys are inoperative. The guest key is operative at all times.

No. 1643D . . . Same as No. 1643C, except that an emergency key is supplied. The dead bolt can be thrown by guest's or emergency key on outside. The emergency key does not act as a shutout key against the guest's key. The guest and emergency keys are operative at all times.

Master-keying: These locks are regular, master-keyed. See page XXXIII.

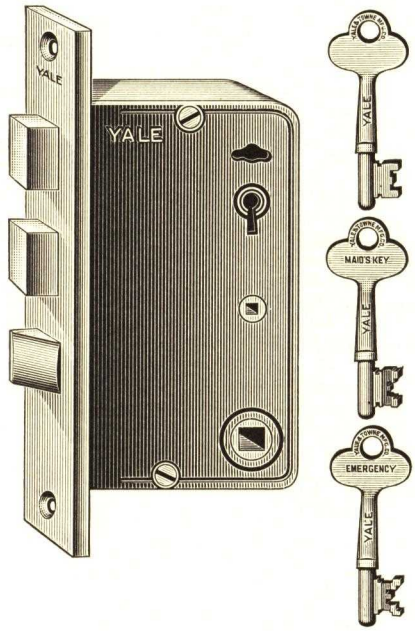
No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front and Bolts	Cylinder
1643 Series	**81643** Series	Bronze	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

HOTEL LOCKS

For Corridor Doors

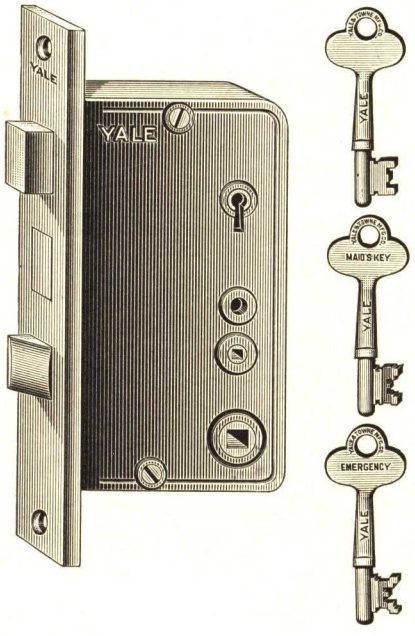


No. 1684 Series

Construction . Type D, see page 2.
Front . . . . Flat, 8½ x 1 3/16 in. Beveled, 8½ x 1 3/16 in. Regular bevel, ⅛ in 2 in.
Not Reversible Specify hand.
Case . . . . . 6⅛ x 3½ x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, 5/16 in. for knob; 3/16 in. for turn knob.
Keys . . . . One, nickel plated steel, guest's, No. S55. Other keys as ordered.
Shutout Key Furnished when desired.
Tumblers . . . Four, 1890 changes.
Indicator . . Use, optional. Furnished with No. Y4 if wanted, and at an additional price. Thickness of door must be given.
Backset . . . 2¾ in.
Spacing . . . Outside, 3¾ in.; inside, 2 1/16 in.
Operation . . **No. 1684.** Latch bolt by knob from both sides. Lower dead bolt by turn knob from room side. Upper dead bolt by guest's, maid's and housekeeper's key from corridor side, but when locked from room side can be operated from corridor side by emergency key only.
No. 1684A. Same as No. 1684 above, but when locked from room side can be operated from corridor side by guest's key or emergency key only.
When so desired the emergency key can be arranged to act also as a shutout key. If both operations are wanted, it should be so stated on the order, otherwise, the emergency key will only function as such, that is, unlock the door under any condition.

Master-keying: These locks are regular, master-keyed. See page XXXIII.

No.	Front and Bolts
1684	Cast bronze
1684A	" "



No. 1687 Series

Construction . Type D, see page 2.
Front . . . . Flat, 8½ x 1 3/16 in. Beveled, 8½ x 1 3/16 in. Regular bevel, ⅛ in 2 in.
Not Reversible Specify hand.
Case . . . . . 6⅛ x 3½ x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for 5/16 in. spindle.
Keys . . . . One, nickel plated steel, guest's, No. S55. Other keys as ordered.
Shutout Key Furnished when desired.
Tumblers . . . Four, 1890 changes.
Indicator . . Use, optional. Furnished with Nos. Y4 or Y5 if wanted, and at an additional price. Thickness of door must be given.
Backset . . . 2¾ in.
Spacing . . . Outside, 3¾ in.; inside, 2 1/16 in.
Operation . . **No. 1687.** Latch bolt by knob from both sides. Lower dead bolt by guest's key from room side. When locked from room side, the key cannot be withdrawn. Upper dead bolt by guest's, maid's and housekeeper's keys from corridor side, but when locked from room side can be operated from corridor side by emergency key only.
No. 1687A. Same as No. 1687 above, but when locked from room side can be operated from corridor side by guest's key or emergency key only.
When so desired the emergency key can be arranged to act also as a shutout key. If both operations are wanted, it should be so stated on the order, otherwise the emergency key will only function as such; that is, unlock the door under any condition.

Master-keying: These locks are regular, master-keyed. See page XXXIII.

No.	Front and Bolts
1687	Cast bronze
1687A	" "

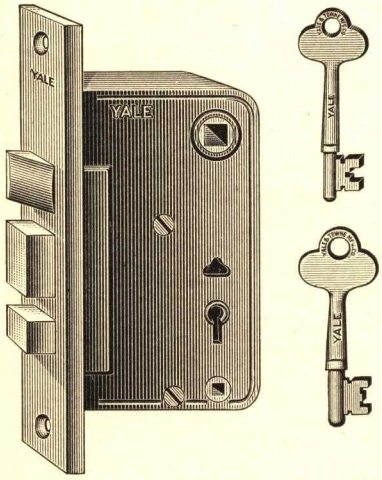
Packed: Each in a box, with screws.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

HOTEL LOCKS

For Corridor Doors

CUTS ONE-THIRD SIZE

Nos. 1405 and 1406 Series

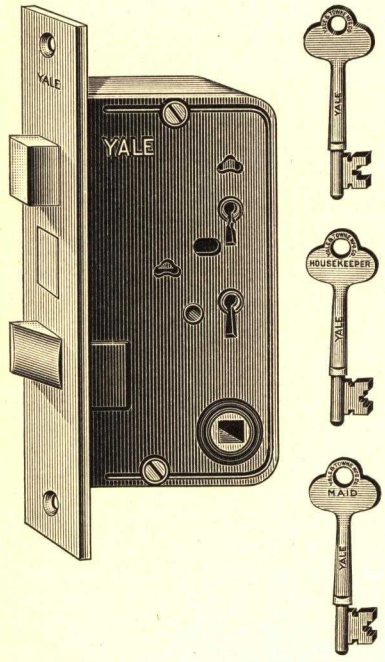


Construction . Type D, see page 2.
Front . . . . Flat, 7⅜ x 1 in.
Reversible . . Flat front for doors of either hand.
Case . . . . . 5½ x 3½ x ¾ in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Hubs . . . . Bronze, compensating, 5/16 in. for knobs; 3/16 in. for turnknob.
Key . . . . . One, nickel plated steel, as below.
Tumblers . . Four, 1890 changes.
Backset . . . 2¾ in.
Spacing . . . Outside, 2¾ in.; inside, 4 in.
Operation . . Nos. 1405 and 1406, latch bolt by knob from both sides. Dead bolt by guest's, maid's, housekeeper's and emergency keys from corridor side.
Auxiliary bolt by turn knob from room side. When so locked can be operated from corridor side by emergency key only. This operation necessitates throwing the bolt by key from outside and then retracting same, which unlocks both bolts. No. 1406A, same as No. 1406 above, but when locked from room side can be operated from corridor side by guest and emergency keys only.

Master-keying: These locks are regular, master-keyed. See page XXXIII.

No.	Front and Bolts	Key
1405	Cast bronze	No. S53
1406	" "	" S55
1406A	" "	" S55

No. 1657 Series



Construction . Type D, see page 2.
Front . . . . Flat, 8½ x 1⅛ in.
Reversible . . No. 1657. For doors of either hand.
No. 1657A. Not reversible. Specify hand.
Case . . . . . 6⅛ x 3⅝ x 1 1/16 in. Japanned iron.
Strike . . . . Lip to center, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, for 5/16 in. spindle.
Keys . . . . One, nickel plated steel, guest's, No. S53. Other keys as ordered.
Shutout Key Furnished when desired.
Tumblers . . . Four, 1890 changes.
Indicator . . Use, optional. Furnished with No. Y4 or Y5 if wanted, and at an additional price. Thickness of door must be given.
Backset . . . 2¾ in.
Spacing . . . Outside, 3 9/16 in.; inside, 2 1/16 in.
Operation . . **No. 1657.** Latch bolt by knob from both sides. Lower dead bolt by guest's key from room side. When locked from room side, the key cannot be withdrawn. Upper dead bolt by guest's, maid's and housekeepers' keys from corridor side, but when locked from room side can be operated from corridor side by emergency key only.
No. 1657A. Same as No. 1657 above, but when locked from room side can be operated from corridor side by guest's key or emergency key only.
When so desired the emergency key can be arranged to act also as a shutout key. If both operations are wanted, it should be so stated on the order, otherwise the emergency key will only function as such; that is, unlock the door under any condition.
Above locks can be furnished, when so ordered, with both knobs inoperative, when door is locked from room side; thus indicating that room is occupied. When locks are desired with this feature, the letter "D" will be added to the list number, thus 1657D, 1657DA.

Master-keying: These locks are regular, master-keyed. See page XXXIII.

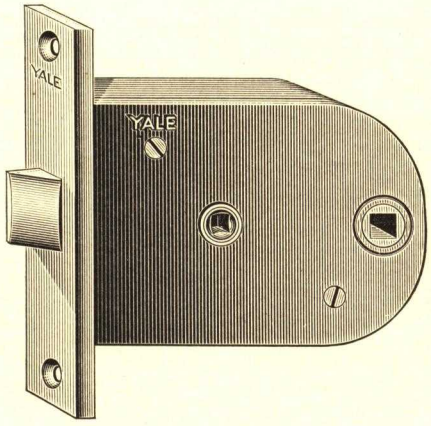
No.	Front and Bolts
1657	Cast bronze
1657A	" "

No. 1657A cannot be set up in combination with the No. 1500 or any other lock in which the key is operated from both sides of the door.

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

COMMUNICATING DOOR LOCKS



No. 1404 Latch
With Deadlocking Turn Knobs

Front . . . . Flat, 6 x 1⅛ in.

Reversible . . For doors of either hand.

Case . . . . . 3¾ x 5⅜ x ⅞ in. Japanned iron.

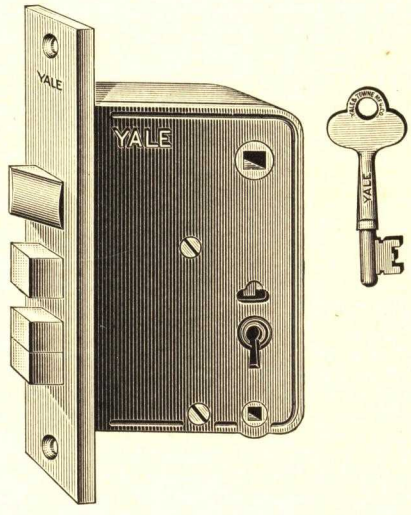
Strike . . . . Lip to center, 1¼ in., see page 7.

Hubs . . . . Knob, bronze, compensating for ⅜ in. spindle.
Turn knobs, bronze, for 5/16 in. spindle.

Backset . . . Turn knob, 2¼ in.; knob, 4¾ in.

Operation . . Latch bolt by knob from both sides; may be deadlocked from one or both sides, as the turn knob on each side acts independently of the other side.

No.	Front and Bolt
1404	Cast bronze



No. 1545 Lock
For Communicating Doors

Construction . Type D, see page 2.

Front . . . . Flat, 7 5/16 x 1 1/16 in. Beveled, 7 5/16 x 1 1/16 in. Regular bevel, ⅛ in 2 in.

Reversible . . Flat front for doors of either hand.
Beveled, not reversible. Specify hand.

Case . . . . . 5⅛ x 3½ x 1 3/16 in. Japanned iron.

Strike . . . . Lip to center, 1⅜ in., see page 7.

Hubs . . . . Bronze, compensating, 5/16 in. for knob; 3/16 in. for turn knobs.

Key . . . . . One, nickel plated steel, No. S55.

Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.

Backset . . . 2¾ in.

Spacing . . . Outside and inside, 2¾ and 4 in.

Operation . . Latch bolt by knob from both sides. Dead bolts by No. 35 turn knobs from both sides, making it possible to deadlock independently from either side.
Has the added feature of a dead bolt operated by key from either side. Especially adapted to communicating doors of suites in hotels and office buildings, giving the person in authority absolute control of these doors.

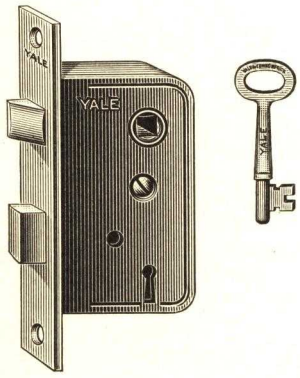
Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No.	Front and Bolts
1545	Cast bronze

Packed: Each in a box, with screws.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

MORTISE KNOB LOCKS

CUTS ONE-THIRD SIZE



No. 817 Series

Construction . Type A, see page 2.

Front . . . . Flat, 5½ x ⅞ in. Rabbeted, 5½ x ⅞ in.; ½ in. rabbet.

Reversible . . For doors or either hand.

Case . . . . . 3¾ x 2¼ x ⅝ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hub . . . . . Iron, for 5/16 in. spindle.

Key . . . . . One, nickel plated steel, No. S140

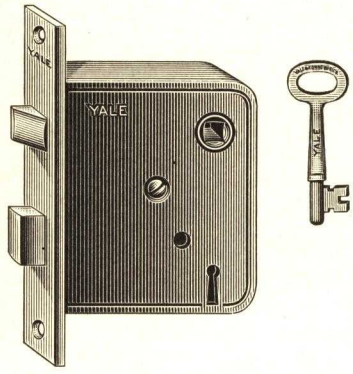
Backset . . . 1½ in.

Spacing . . . 2¼ in.

Operation . . Latch bolt by knob from both sides.
Dead bolt by key from either side.

No. Flat Front	No. Rabbeted Front	Front	Bolts	Tumbler	Changes
817	**817½**	Cast bronze	Brass	One	12
818	**818½**	Steel, plated	Iron, plated	"	12

Not master-keyed.



For complete description of rabbeted front, see page 6.

Nos. 802 and 804 Series

Construction . Type C, see page 2.

Front . . . . Flat, 5½ x ⅞ in. Rabbeted, 5½ x ⅞ in.; ½ in. rabbet

Reversible . . For doors of either hand.

Case . . . . . Nos. 802 and 808, 3¾ x 3¼ x ⅝ in.
No. 804, 3¾ x 3 x ⅝ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hub . . . . . Iron, for 5/16 in. spindle.

Key . . . . . One, nickel plated steel, No. S140

Backset . . . Nos. 802 and 808, 2½ in. No. 804, 2¼ in.

Spacing . . . 2¼ in.

Operation . . Latch bolt by knob from both sides.
Dead bolt by key from either side.

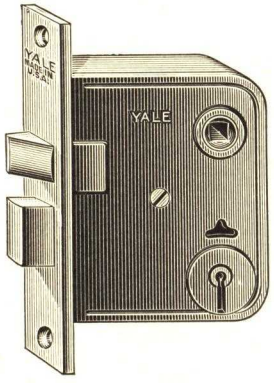
No. Flat Front	No. Rabbeted Front	Backset	Front	Bolts	Tumbler	Changes
802	**802½**	2½ in.	Cast bronze	Brass	One	12
804	**804½**	2¼ "	" "	"	"	12
808	**808½**	2½ "	Steel, plated	Iron, plated	"	12

Not master-keyed.

Packed: ½ doz. in a box, with screws.
When ordering, give finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MORTISE KNOB LOCKS





No. S145 No. S146

For complete description of rabbeted front for No. 1820 series locks, see page 6.

No. 1820 Series

Construction . Type B, see page 2.

Front . . . . Flat, 5½ x 1 in. is regular. 5½ x ⅞ in. furnished to special order. Rabbeted, 5½ x 1 in.; ½ in. rabbet.

Reversible . . For doors of either hand.

Case . . . . . 3¾ x 3¼ x ⅝ in. Japanned iron.

Strike . . . . Lip to center; flat 1¼ in., see page 7.

Hub . . . . Iron, compensating, for 5/16 in. spindle. Bronze hub to order, at an extra price.

Key . . . . . One, nickel plated steel, as below.

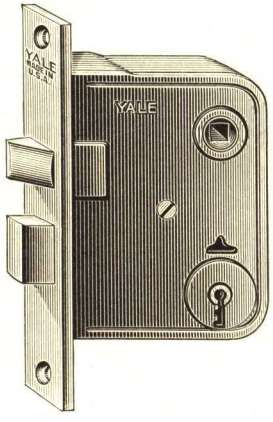
Backset . . . 2½ in.

Spacing . . . 2¼ in.

Operation . . Latch bolt by knob from both sides. Dead bolt by key from either side.

Master-keying: No. 1821 cannot be master-keyed. No. 1820 master-keyed in one set of 180 locks all different, or in sets of not over 180, with other locks using the No. S53 key.

No. Flat Front	No. Rabbeted Front	Front	Bolts	Key	Tumblers	Changes
1820	1820½	Cast bronze	Brass	S146	Three	36
1821	1821½	" "	"	S145	One	24





No. S145 No. S146

No. 1830 Series

Construction . Type B, see page 2.

Front . . . . Flat, 6 x 1 in.

Reversible . . For doors of either hand.

Case . . . . . 4 1/16 x 3¼ x ⅝ in. Japanned iron.

Strike . . . . Lip to center, 1¼ in., see page 7.

Hub . . . . . Iron, compensating, for 5/16 in. spindle. Bronze hub to order, at an extra price.

Key . . . . . One, nickel plated steel, as below.

Backset . . . 2½ in.

Spacing . . . 2½ in.

Operation . . Latch bolt by knob from both sides. Dead bolt by key from either side.

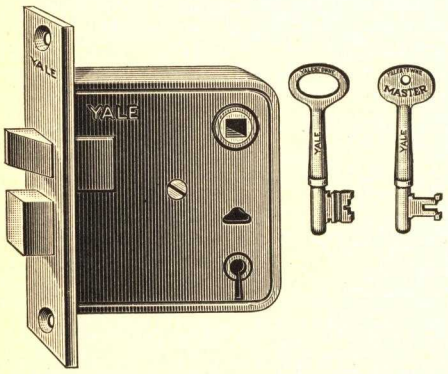
Master-keying: No. 1831 cannot be master-keyed. No. 1830 master-keyed in one set of 180 locks all different, or in sets of not over 180, with other locks using the No. S53 key.

No.	Front	Bolts	Key	Tumblers	Changes
1830	Cast bronze	Brass	S146	Three	36
1831	" "	"	S145	One	24

Nos. 1820, 1820½ and 1830 locks cannot be set up to the same key, or master-keyed in sets with the No. 820 locks on page 44.
Packed: ½ doz. in a box, with screws.
When ordering, give finish. For finishes, see page XXV.

MORTISE KNOB LOCKS

CUTS ONE-THIRD SIZE



For complete description of rabbeted front for No. 820 series locks, see page 6.

No. 820 Series

Construction . Type B, see page 2.

Front . . . . Flat, 5½ x 1 in. Rabbeted, 5½ x 1 in.; ½ in. rabbet.

Reversible . . For doors of either hand.

Case . . . . . 3¾ x 3½ x ⅝ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hub . . . . . Iron, for 5/16 in. spindle.
Bronze, compensating hub to order, at an extra price.

Key . . . . . One, nickel plated steel, No. S145.

Backset . . . 2¾ in.

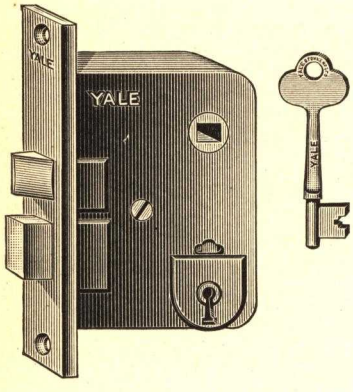
Spacing . . . 2¼ in.

Operation . . .Latch bolt by knob from both sides.
Dead bolt by key from either side.

Master-keying: No. 821 cannot be master-keyed. No. 820 in one set of 240 locks all different. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front	Bolts	Tumblers	Changes
820	820½	Cast bronze	Brass	Three	36
821	821½	"	"	One	24

Nos. 7820 and 7821 same as above, but with front 8 x 1⅛ in.
Nos. 8820 and 8821 same as above, but with front 8 x 1¼ in.
Nos. 71017 and 81017 same as Nos. 7821 and 8821, but without dead bolt for use as latch.
These locks can be used in place of the Yale Standardized Locks. See page 5.



No. 1618 Series

Front . . . . Flat, 5½ x 7/8 in. Beveled, 5½ x 7/8 in. Regular bevel, ⅛ in 2 in. Rabbeted, 5½ x 1 in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 3⅞ x 3 x ⅝ in. Japanned iron.

Strike . . . . Lip to center; flat, 1 in.; rabbeted, 1 in., see page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle.

Key . . . . . One, nickel plated steel, No. S32.

Backset . . . 2¼ in.

Spacing . . . 2½ in.

Operation . . Latch bolt by knob from both sides.
Dead bolt by key from either side.

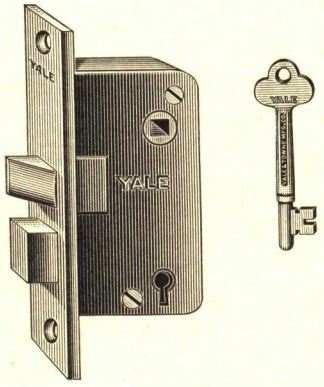
Master-keying: Can be master-keyed in one set of 96 locks all different. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Tumblers	Changes
1618	1618½	Cast bronze	Three	40

Packed: ½ doz. in a box, with screws.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MORTISE KNOB LOCKS



No. 1600 Series

Construction . Type J, see page 3.

Front . . . . Flat, 5⅝ x ⅞ in. Beveled, 5⅝ x ⅞ in. Regular bevel, ⅛ in 2 in. Rabbeted, 5⅝ x ⅞ in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . Japanned iron. Size as below.

Strike . . . . Lip to center, flat, 1⅛ in., see page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle.

Key . . . . . One, nickel plated steel. No. S30.

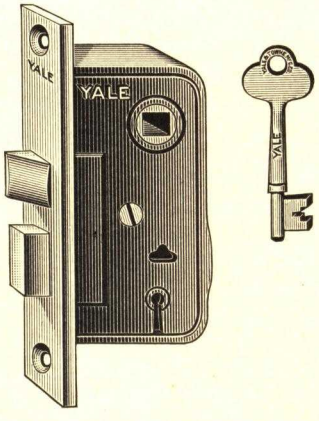
Backset . . . See below.

Spacing . . . 2½ in.

Operation . . Latch bolt by knob or lever handle from both sides. Dead bolt by key from either side.

Master-keying: The locks with three tumblers can be master-keyed in one set of 48 locks all different. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Backset	Case	Front and Bolts	Tumblers	Changes
1600	1600½	1 in.	3⅞ x 1⅝ x ½ in.	Cast bronze	Three	18
1601	1601½	1 "	3⅞ x 1⅝ x ½ "	" "	One	12
1606	1606½	1½"	3⅞ x 2⅛ x ½ "	" "	Three	18
1607	1607½	1½"	3⅞ x 2⅛ x ½ "	" "	One	12
1612	1612½	2 "	3⅞ x 2⅝ x ½ "	" "	Three	18
1613	1613½	2 "	3⅞ x 2⅝ x ½ "	" "	One	12



For complete description of rabbeted front, see page 6.

No. 1509 Series

Construction . Type E, see page 2.

Front . . . Flat, 6⅛ x 1 1/16 in. Beveled, 6⅛ x 1 1/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 6⅛ x 1 1/16 in.; ½ in. rabbet, beveled ⅛ in 2 in.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 4¼ x 2¼ x 1 1/16 in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hub . . . . . Bronze, compensating, No. 1509, 5/16 in.; No. 1509G, ⅜ in.

Key . . . . . One, nickel plated steel, No. S53.

Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.

Backset . . . 1½ in.

Spacing . . . 2¾ in.

Operation . . Latch bolt by knob or lever handle from both sides. Dead bolt by key from either side.

Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts
1509	1509½	Cast bronze
1509G*	1509½G*	" "

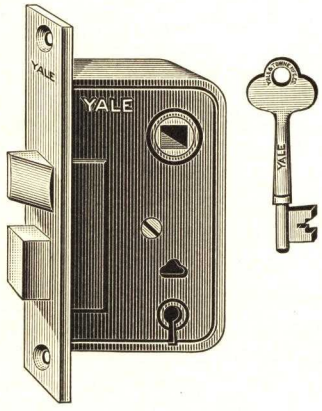
*Gun-spring hub for lever handles.

Packed: ½ doz. in a box, with screws.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

MORTISE KNOB LOCKS

CUTS ONE-THIRD SIZE

No. 1503 Series



Construction . Type D or E, see page 2.
Front . . . . Flat, 6⅛ x 1 1/16 in.†Beveled, 6⅛ x 1 1/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 6⅛ x 1 1/16 in.†; ½ in. rabbet, beveled ⅛ in 2 in.
Reversible . . Flat front, 1¾ and 2 in. backsets. For doors of either hand. 1 and 1¼ in. backsets, not reversible. Specify hand. Beveled and rabbeted, not reversible. Specify hand.
Case . . . . . Japanned iron, size as below.
Strike . . . . Lip to center; flat, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating, Nos. 1503H and 1503K, 5/16 in. No. 1503G series, for ⅜ in. spindle.
Key . . . . . One, nickel plated steel, No. S53.
Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.
Backset . . . See below.
Spacing . . . 2¾ in.
Operation . . Latch bolt by knob or lever handle from both sides. Dead bolt by key from either side.

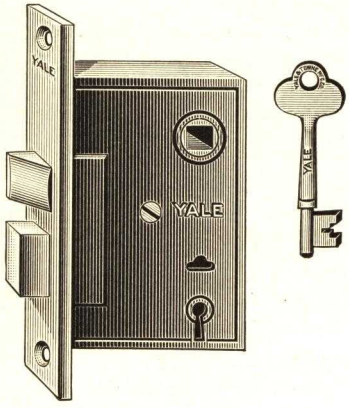
Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Backset	Case	Front and Bolts
1503H	1503½H	1¾ in.	4¼ x 2½ x 1 1/16 in.	Cast bronze
1503K	1503½K	2 "	4¼ x 2¾ x 1 1/16 "	" "
1503GA*	1503½GA*	1 "	4¾ x 1¾ x 1 1/16 "	" "
1503GC*	1503½GC*	1¼ "	4¾ x 2 x 1 1/16 "	" "
1503GH*	1503½GH*	1¾ "	4¼ x 2½ x 1 1/16 "	" "
1503GK*	1503½GK*	2 "	4¼ x 2¾ x 1 1/16 "	" "

* Gun-spring hub for lever handles.

† For the 1 and 1¼ in. backsets—Front, flat and beveled, 6½ x 1 1/16 in.; Rabbeted, 6½ x 1 1/16 in.

No. 1502 Series



For complete description of rabbeted front, see page 6.

Construction . Type D, see page 2.
Front . . . . Flat, 6⅛x1 1/16 in. Beveled, 6⅛x1 1/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 6⅛ x 1 1/16 in. ½ in. rabbet, beveled ⅛ in 2 in.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
Case . . . . . 4¼ x 3 x ⅝ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in., see page 7.
Hub . . . . . Bronze, compensating. No. 1502, 5/16 in.; No. 1502G, ⅜ in.
Key . . . . . One, nickel plated steel, No. S53.
Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.
Backset . . . 2¼ in.
Spacing . . . 2¾ in.
Operation . . Latch bolt by knob or lever handle from both sides. Dead bolt by key from either side.

Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

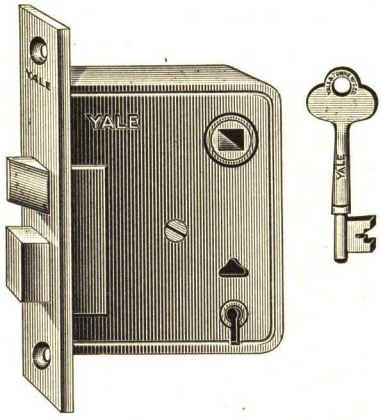
No. Flat Front	No. Rabbeted Front	Front and Bolts
1502	1502½	Cast bronze
1502G*	1502½G*	" "

* Gun-spring hub for lever handles.

Packed: ½ doz. in a box, with screws.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MORTISE KNOB LOCKS



No. 1500 Series

Construction . Type D, see page 2.

Front . . . . Flat, 6⅛ x 1 1/16 in.; Beveled, 6⅛ x 1 1/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 6⅛ x 1 1/16 in.; ½ in. rabbet, beveled ⅛ in 2 in.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . Japanned iron. Size as below.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle; No. 1500G for ⅜ in. spindle.

Key . . . . . One, nickel plated steel, No. S53.

Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.

Backset . . . See below.

Spacing . . . 2¾ in.

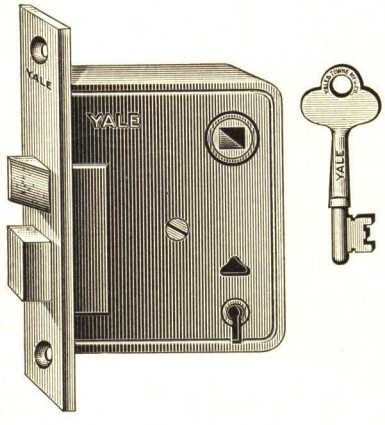
Operation . . Latch bolt by knob or lever handle from both sides. Dead bolt by key from either side.

Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Backset	Case	Front and Bolts
1500P	1500½P	2½ in.	4⅜ x 3 5/16 x 1 1/16 in.	Cast bronze
1500	1500½	2¾ "	4⅜ x 3 9/16 x 1 1/16 "	" "
1500W	1500½W	3¼ "	4⅜ x 4 1/16 x 1 1/16 "	" "
1500G*	1500½G*	2¾ "	4¼ x 3½ x 1 1/16 "	" "

* Gun-spring hub for lever handles.

The No. 1500 lock in 2¾ in. backset regular, or in 2½ in.backset special, can be furnished with a front to match the Standardized Locks listed on page 5.
List numbers are as follows: No. 71500 with a front, 8 x 1⅛ in.
No. 81500 with a front, 8 x 1¼ in.



For complete description of rabbeted front, see page 6.

No. 1505 Series

Construction . Type D, see page 2.

Front . . . . Flat, 6⅛ x 1 1/16 in. Beveled, 6⅛ x 1 1/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 6⅛ x 1 1/16 in.; ½ in. rabbet, beveled ⅛ in 2 in.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . 4⅜ x 3 9/16 x 1 1/16 in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle.

Key . . . . . One, nickel plated steel, No. S55.

Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.

Backset . . . 2¾ in.

Spacing . . . 2¾ in.

Operation . . Latch bolt by knob from both sides. Dead bolt by key from either side.

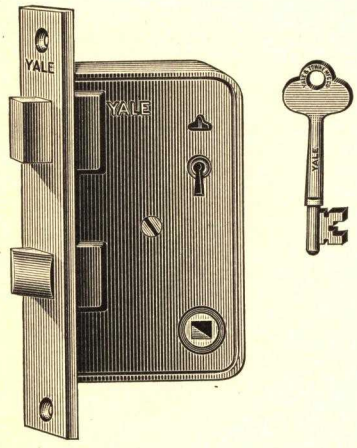
Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts
1505	1505½	Cast bronze

Packed: ½ doz. in a box, with screws.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

MORTISE KNOB LOCKS

CUTS ONE-THIRD SIZE



No. 1570 Lock

Keyhole above the Knob

Construction . Type D, see page 2.

Front . . . . Flat, 7 x 1 1/16 in. Beveled, 7 x 1 1/16 in. Regular bevel, 1/8 in 2 in.

Reversible . . Flat front for doors of either hand. Beveled, not reversible. Specify hand.

Case . . . . . 5 1/8 x 3 1/2 x 1 1/16 in. Japanned iron.

Strike . . . . Lip to center, 1 1/4 in., see page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle.

Key . . . . . One, nickel plated steel, No. S53.

Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.

Backset . . . 2 3/4 in.

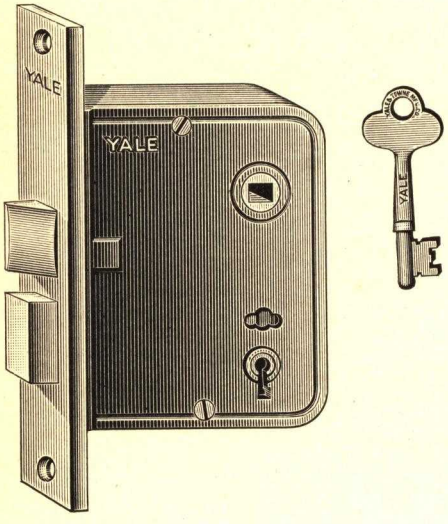
Spacing . . . 2 3/4 in.

Operation . . Latch bolt by knob from both sides. Dead bolt by key from either side.

Packed . . . . 1/2 doz. in a box, with screws.

Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No.	Front and Bolts
1570	Cast bronze



No. 1442 Series

Extra Heavy

Construction . Type D, see page 2.

Front . . . . Flat, 7 1/2 x 1 1/8 in. Beveled, 7 1/2 x 1 1/8 in. Regular bevel, 1/8 in 2 in. Rabbeted, 7 1/2 x 1 1/8 in.; 1/2 in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 5 x 4 x 1 3/16 in. Japanned iron.

Strike . . . . Lip to center; flat, 1 1/8 in.; rabbeted, 1 in., see page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle.

Key . . . . . One, nickel plated steel, No. S55.

Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.

Backset . . . 3 in.

Spacing . . . 2 3/4 in.

Operation . . Latch bolt by knob from both sides. Dead bolt by key from either side.

Packed . . . . Each in a box, with screws.

Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

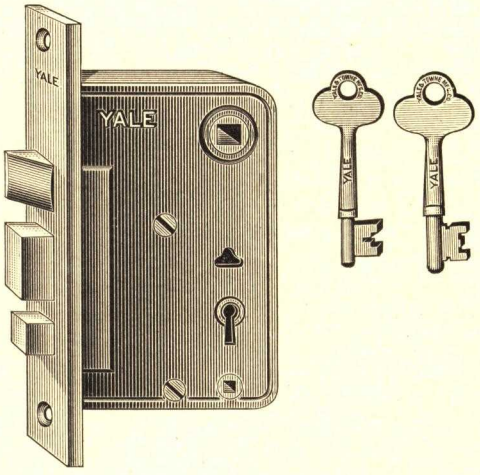
No. Flat Front	No. Rabbeted Front	Front and Bolts
1442	1442 1/2	Cast bronze

When ordering, give hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MORTISE KNOB LOCKS

For Bedroom and Bathroom Doors



No. 1402 Series

Construction . Type D, see page 2.

Front . . . . Flat, 7⅛ x 1 in. Beveled, 7⅛ x 1 in. Regular bevel, ⅛ in 2 in. Rabbeted, 7 x 1 in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 5⅛ x 3½ x 1 1/16 in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.

Hubs . . . . Bronze, compensating, 5/16 in. for knob; 3/16 in. for turn knob.

Key . . . . . One, nickel plated steel, as below.

Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.

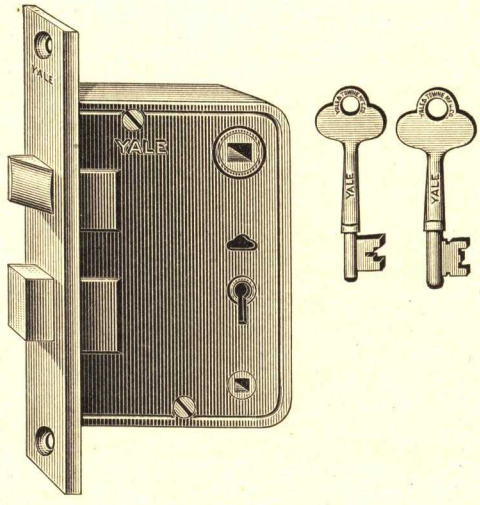
Backset . . . 2¾ in.

Spacing . . . Outside, 2¾ in.; inside, 2¾ and 4 in.

Operation . . Latch bolt by knob from both sides. Dead bolt by key from either side. Thumb bolt by No. 35 turn knob from inside.

Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Key
1402	1402½	Cast bronze	No. S53
1403	1403½	" "	No. S55



No. 1448 Series

Construction . Type D, see page 2.

Front . . . . Flat, 7⅜ x 1⅛ in. Beveled, 7⅜ x 1⅛ in. Regular bevel, ⅛ in 2 in. Rabbeted, 7⅜ x 1⅛ in.; ½ in. rabbet.

Reversible . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . No. 1448, 5¼ x 3½ x 1 1/16 in. Japanned iron.
No. 1449, 5¼ x 3½ x 1 3/16 in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.

Hubs . . . . Bronze, compensating, 5/16 in. for knob; 3/16 in. for turn knob.

Key . . . . . One, nickel plated steel, as below.

Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.

Backset . . . 2¾ in.

Spacing . . . Outside, 2¼ in.; inside, 3¾ in.

Operation . . Latch bolt by knob from both sides. Dead bolt by key from outside and No. 35 turn knob from inside.

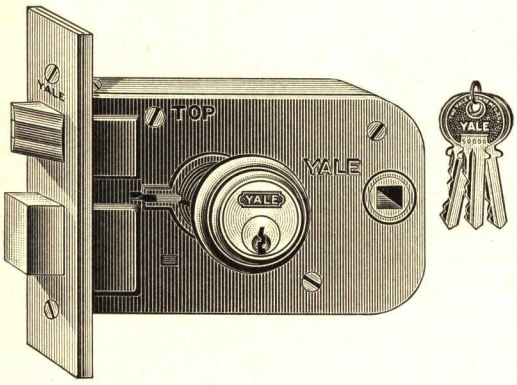
Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Key
1448	1448½	Cast bronze	No. S53
1449	1449½	" "	No. S55

Packed: Each in a box, with screws.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

MORTISE KNOB LOCKS

CUTS ONE-THIRD SIZE



No. 630¼ Series

Front . . . . Flat, armored, 5⅜ x 1⅛ in. Beveled, armored, 5⅜ x 1⅛ in. Regular bevel, ⅛ in 2 in. Rabbeted, 5⅜ x 1¼ in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

For Doors . . Specify thickness of door.

Case . . . . . 3⅜ x 5⅝ x 1 1/16 in. Japanned iron.

Strike . . . . Lip to center; flat, 1⅛ in.; rabbeted, 1 in., see page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

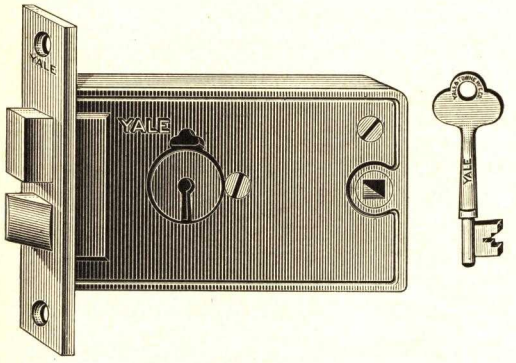
Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . Cylinder, 2¼ in.; knob, 5 in. Spacing, 2¾ in.

Operation . . Latch bolt by knob from both sides Nos. 630¼-630¾, dead bolt by key from either side. Nos. 630D-630½D, dead bolt by key from outside, by No. 15X turn knob from inside.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts	Cylinders
630¼	630¾	Bronze	Two
630D	630½D	"	One



No. 1460 Series

Front . . . . Flat, 5⅛ x 1 in. Beveled, 5⅛ x 1 in. Regular bevel, ⅛ in 2 in. Rabbeted, 5⅛ x 1 in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 3⅛ x 5½ x ⅝ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1 in., see page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle.

Key . . . . . One, nickel plated steel, No. S53.

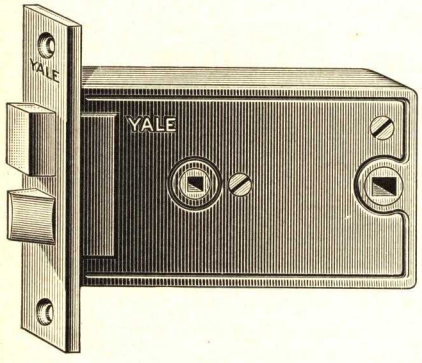
Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes

Backset . . . Key, 2 in.; knob, 5 in. Spacing, 3 in.

Operation . . Latch bolt by knob from both sides.
Dead bolt by key from either side.

Master-keying: Can be master-keyed with other Yale Locks using the same number key. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Front and Bolts
1460	1460½	Cast bronze



No. 1465 Series

Front . . . . Flat, 5⅛ x 1 in. Beveled, 5⅛ x 1 in. Regular bevel, ⅛ in 2 in. Rabbeted, 5⅛ x 1 in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 3⅛ x 5½ x ⅝ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1 in., see page 7.

Hubs . . . . Bronze, compensating, 5/16 for knob; 3/16 in. for turn knob.

Backset . . . Turn knob, 2 in.; knob, 5 in. Spacing, 3 in.

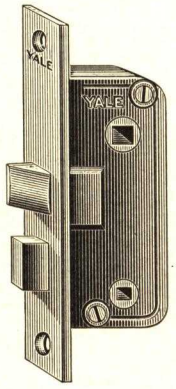
Operation . . Latch bolt by knob from both sides. Dead bolt by No. 35 turn knob from one side only.

No. Flat Front	No. Rabbeted Front	Front and Bolts
1465	1465½	Cast bronze

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

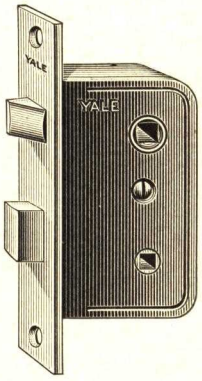
FRENCH AND BATH ROOM DOOR LOCKS



No. 1605 Series

Construction . Type J, see page 3.
Front . . . . Flat, 5⅝ x ⅞ in. Beveled, 5⅝ x ⅞ in. Regular bevel, ⅛ in 2 in. Rabbeted, 5⅝ x ⅞ in.; ½ in. rabbet.
Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.
Case . . . . . Japanned iron. Size as below.
Strike . . . . Lip to center; flat, 1⅛ in., see page 7.
Hubs . . . . Bronze, 5/16 in. for knob; 3/16 in. for turn knob.
Backset . . . See below.
Spacing . . . Outside, knob only; inside, 2½ in.
Operation . . Latch bolt by knob or lever handle from both sides. Dead bolt by No. 35 turn knob from one side only.

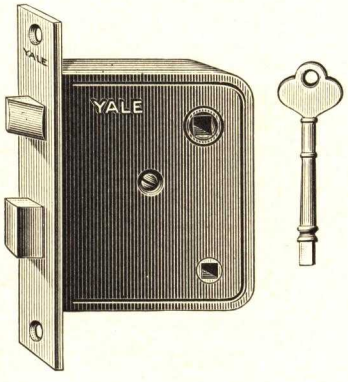
No. Flat Front	No. Rabbeted Front	Backset	Case	Front and Bolts
1605	1605½	1 in.	3⅞ x 1⅝ x 9/16 in.	Cast bronze
1611	1611½	1½ "	3⅞ x 2⅛ x 9/16 "	" "
1617	1617½	2 "	3⅞ x 2⅝ x 9/16 "	" "



No. 1514 Series

Construction . Type A, see page 2.
Front . . . . Flat, 5½ x ⅞ in. Rabbeted, 5½ x ⅞ in.; ½ in. rabbet.
Reversible . . For doors of either hand.
Case . . . . . 3¾ x 2¼ x ⅝ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in., see page 7.
Hubs . . . . Iron, 5/16 in. for knob; 3/16 in. for turn knob.
Backset . . . 1½ in.
Spacing . . . Outside, knob only; inside, 2¼ in.
Operation . . Latch bolt by knob from both sides. Dead bolt by No. 35 turn knob from one side only.

No. Flat Front	No. Rabbeted Front	Front	Bolts
1514	1514½	Cast bronze	Brass
1515	1515½	Bronze plated steel	Iron



For complete description of rabbeted front, see page 6.

No. 1512 Series

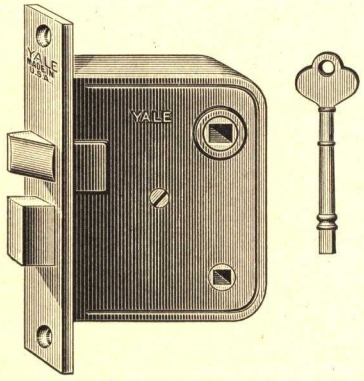
Construction . Type C, see page 2.
Front . . . . Flat, 5½ x ⅞ in. Rabbeted, 5½ x ⅞ in.; ½ in. rabbet.
Reversible . . For doors of either hand.
Case . . . . . 3¾ x 3¼ x ⅝ in. Japanned iron.
Strike . . . . Lip to center; flat, 1¼ in., see page 7.
Hubs . . . . Iron, 5/16 in. for knob; 3/16 in. for turn knob.
Key . . . . . One, No. M503, when so ordered.
Backset . . . 2½ in.
Spacing . . . 2¼ in.
Operation . . Latch bolt by knob from both sides. Dead bolt by No. 35 turn knob from one side only. When so ordered, will furnish one No. M503 key to operate dead bolt from outside.

No. Flat Front	No. Rabbeted Front	Front	Bolts
1512	1512½	Cast bronze	Brass
1513	1513½	Bronze plated steel	Iron

Packed: ½ doz. in a box, with screws.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

BATH ROOM DOOR LOCKS

CUTS ONE-THIRD SIZE



For complete description of rabbeted front for No. 1819 series locks, see page 6.

No. 1819 Series

Construction . Type B, see page 2.

Front . . . . Flat, 5½ x 1 in. is regular. 5½ x ⅞ in. furnished to special order. Rabbeted, 5½ x 1 in.; ½ in. rabbet.

Reversible . . For doors of either hand.

Case . . . . . 3¾ x 3¼ x ⅝ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hubs . . . . Bronze, 5/16 in. compensating, for knob, 3/16 in. for turn knob.

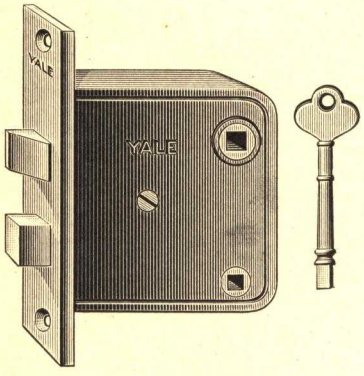
Key . . . . . One, No. M503, when so ordered.

Backset . . . 2½ in.

Spacing . . . 2¼ in.

Operation . . Latch bolt by knob from both sides. Dead bolt by No. 35 turn knob from one side only. When so ordered, will furnish one No. M503 key to operated dead bolt from outside.

No. Flat Front	No. Rabbeted Front	Front	Bolts
1819	1819½	Cast bronze	Brass



No. 1519 Lock

Construction . Type B, see page 2.

Front . . . . Flat, 5⅜ x 1 5/16 in.

Reversible . . For doors of either hand.

Case . . . . . 3½ x 3⅜ x 9/16 in. Japanned iron.

Strike . . . . Lip to center, 1¼ in., see page 7.

Hubs . . . . Iron, 5/16 in. for knob; 3/16 in. for turn knob. Bronze hubs can be furnished, at an extra price.

Key . . . . . One, No. M503, when so ordered.

Backset . . . 2¾ in.

Spacing . . . 2¼ in.

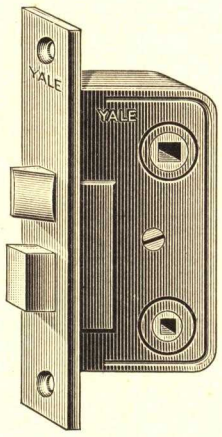
Operation . . Latch bolt by knob from both sides. Dead bolt by No. 35 turn knob from one side only. When so ordered, will furnish one No. M503 key to operate dead bolt from outside.

No.	Front	Bolts
1519	Cast bronze	Brass

Packed: ½ doz. in a box, with screws.
When ordering, give finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

BATH ROOM DOOR LOCKS



No. 1539 Series

Front . . . . Flat, 6⅛ x 1 1/16 in. Beveled, 6⅛ x 1 1/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 6⅛ x 1 1/16 in.; ½ in. rabbet, beveled ⅛ in 2 in.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 4⅜ x 2¼ x 1 1/16 in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hubs . . . . Bronze, compensating, No. 1539, 5/16 in. for knob; No. 1539G, ⅜ in. for lever handle, 3/16 in. for turn knob.

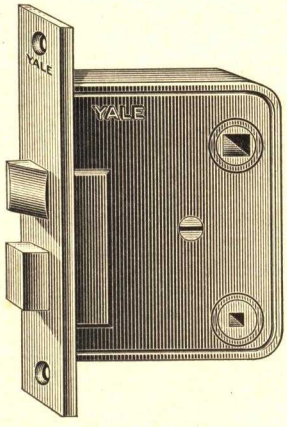
Backset . . . Regular, 1½ in.; special, 1¾ and 2 in.

Spacing . . . Outside, knob only; inside, 2¾ in.

Operation . . Latch bolt by knob or lever handle from both sides. Dead bolt by No. 35 turn knob from one side only.

No. Flat Front	No. Rabbeted Front	Front and Bolts
1539	1539½	Cast bronze
1539G*	1539½G*	" "

* Gun-spring hub, for lever handles.



For complete description of rabbeted front, see page 6.

No. 1535 Series

Construction . Type D, see page 2.

Front . . . . Flat, 6⅛ x 1 1/16 in. Beveled, 6⅛ x 1 1/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 6⅛ x 1 1/16 in.; ½ in. rabbet, beveled, ⅛ in 2 in.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 4⅜ x 3½ x 1 1/16 in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hubs . . . . Bronze, compensating, 5/16 in. for knob; 3/16 in. for turn knob.

Backset . . . Regular, 2¾ in.; special, 2, 2¼ and 2½ in.

Spacing . . . Outside, knob only; inside, 2¾ in.

Operation . . Latch bolt by knob from both sides. Dead bolt by No. 35 turn knob from one side only.

No. Flat Front	No. Rabbeted Front	Front and Bolts
1535	1535½	Cast bronze

The No. 1535 lock in 2¾ in. backset only, can be furnished with a front to match the Standardized Locks, listed on page 5. List numbers are as follows:
No. 71535 with a front, 8 x 1⅛ in.
No. 81535 with a front, 8 x 1¼ in.

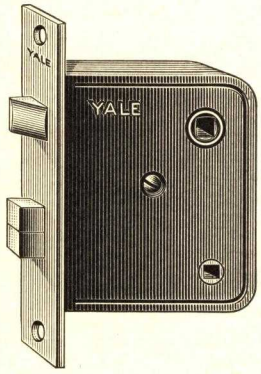
Packed: Each in a box, with screws.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

COMMUNICATING DOOR LOCKS

Split Dead Bolt

CUTS ONE-THIRD SIZE

No. 1523 Series



Construction . Type C, see page 2.

Front . . . . Flat, 5½ x ⅞ in. Rabbeted, 5½ x ⅞ in.; ½ in. rabbet.

Reversible . . For doors of either hand.

Case . . . . . 3¾ x 3¼ x ⅝ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hubs . . . . Iron, 5/16 in. for knob; 3/16 in. for turn knobs.

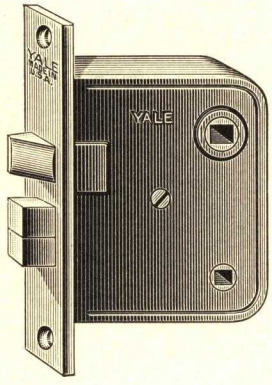
Backset . . . 2½ in.

Spacing . . . 2¼ in.

Operation . . Latch bolt by knob from both sides. Dead bolts by No. 35 turn knobs from both sides, making it possible to deadlock independently from either side.

No. Flat Front	No. Rabbeted Front	Front	Bolts
1523	1523½	Cast bronze	Brass

No. 1824 Series



For complete description of rabbeted front, see page 6.

Construction . Type B, see page 2.

Front . . . . Flat, 5½ x 1 in. is regular. 5½ x ⅞ in. furnished to special order. Rabbeted, 5½ x 1 in.; ½ in. rabbet.

Reversible . . For doors of either hand.

Case . . . . . 3¾ x 3¼ x ⅝ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hubs . . . . Bronze, 5/16 in. compensating, for knob, 3/16 in. for turn knobs.

Backset . . . 2½ in.

Spacing . . . 2¼ in.

Operation . . Latch bolt by knob from both sides. Dead bolts by No. 35 turn knobs from both sides, making it possible to deadlock independently from either side.

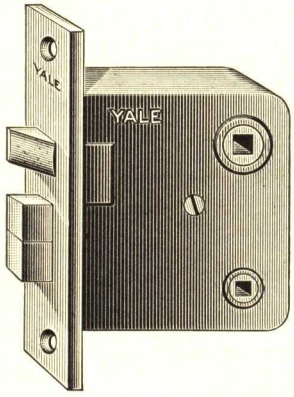
No. Flat Front	No. Rabbeted Front	Front	Bolts
1824	1824½	Cast bronze	Brass

Packed: ½ doz. in a box, with screws.
When ordering, give finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

COMMUNICATING DOOR LOCKS

Split Dead Bolt



No. 1524 Lock

Construction . Type B, see page 2.

Front . . . . Flat, 5½ x 1 in.

Reversible . . For doors of either hand.

Case . . . . . 3¾ x 3½ x ⅝ in. Japanned iron.

Strike . . . . Lip to center, 1¼ in., see page 7.

Hubs . . . . Bronze, 5/16 in. for knob; 3/16 in. for turn knobs.

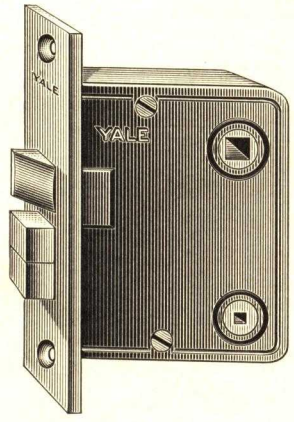
Backset . . . 2¾ in.

Spacing . . . 2¼ in.

Operation . . Latch bolt by knob from both sides. Dead bolts by No. 35 turn knobs from both sides, making it possible to deadlock independently from either side.

Packed . . . . ½ doz. in a box, with screws.

No.	Front and Bolts
1524	Cast bronze



No. 1525 Series

Construction . Type D, see page 2.

Front . . . . Flat, 6⅛ x 1 1/16 in. Beveled, 6⅛ x 1 1/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 6⅛ x 1⅛ in.; ½ in. rabbet, beveled ⅛ in 2 in.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 4⅜ x 3½ x 1 1/16 in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1 in., see page 7.

Hubs . . . . Bronze, compensating, 5/16 in. for knob; 3/16 in. for turn knobs.

Backset . . . Regular, 2¾ in.; special, 2, 2¼ and 2½ in.

Spacing . . . 2¾ in.

Operation . . Latch bolt by knob from both sides. Dead bolts by No. 35 turn knobs from both sides, making it possible to deadlock independently from either side.

Packed . . . . Each in a box, with screws.

No. Flat Front	No. Rabbeted Front	Front and Bolts
1525	1525½	Cast bronze

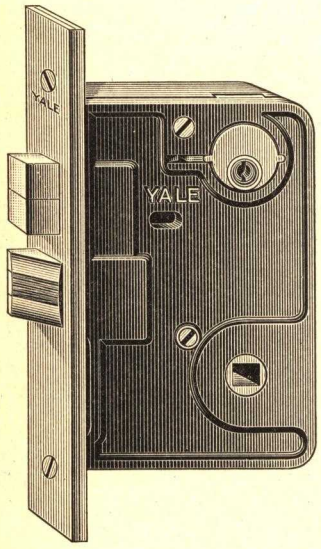
The No. 1525 lock in 2¾ in. backset only, can be furnished with a front to match the Standardized Locks, listed on page 5. List numbers are as follows:

No. 71525 with a front, 8 x 1⅛ in.
No. 81525 with a front 8 x 1¼ in.

When ordering, give hand when necessary and finish. For finishes, see page XXV.

COMMUNICATING DOOR LOCKS

CUTS ONE-THIRD SIZE





Keys with Nos. 7526-8526 7526¼ and 8526¼ series only.

Nos. 7525 and 8525 Series

Split Dead Bolt

No. 8525 Series are especially for Hollow Metal Door application. See page 5.

Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, ⅛ in 2 in. Not furnished with special bevel.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

For Doors . . Specify thickness of door.

Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.

Strike . . . . Lip to center, flat, 1¼ in. see page 7.

Hub . . . . . Bronze, compensating, for ⅜ in. spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . 2¾ in.

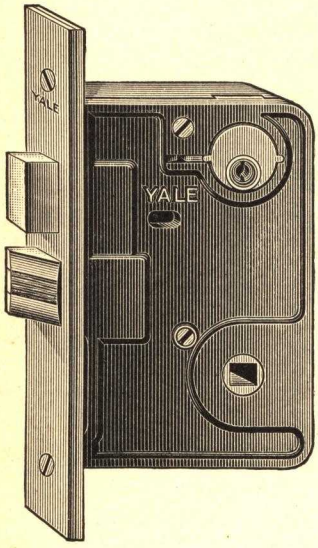
Spacing . . . Knob to cylinder; 3½ in.; knob to turn knob, 3¼ in.

Operation . . Latch bolt by knob from both sides at all times. Nos. 7525-8525, dead bolts, by turn knobs from both sides. Nos. 7526-8526, dead bolts by key from one side, by turn knob from other side. Nos. 7526¼-8526¼, dead bolts by key from both sides. This makes it possible to dead lock independently from either side.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolts	Cylinders
7525	8525	Bronze, flat	Bronze	None*
7526	8526	" "	"	One
7526¼	8526¼	" "	"	Two
7525½	8525½	" rabbeted	"	None*
7526½	8526½	" "	"	One
7526¾	8526¾	" "	"	Two

* Turn knob disc both sides.



For complete description of rabbeted front, see page 6.

Nos. 7535 and 8535 Series

Single Dead Bolt

No. 8535 Series are especially for Hollow Metal Door application. See page 5.

Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, ⅛ in 2 in. Not furnished with special bevel.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

Hub . . . . . Bronze, compensating, for ⅜ in. spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Backset . . . 2¾ in.

Spacing . . . Outside, knob only; inside, 3¼ in.

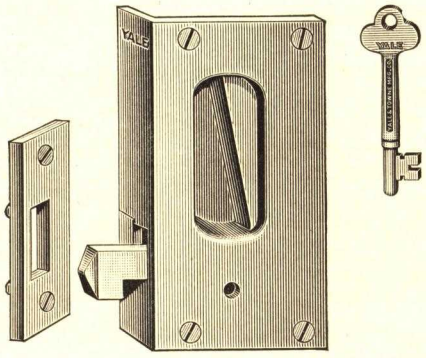
Operation . . Latch bolt by knob from both sides at all times. Dead bolt by turn knob from one side only.

No. with Front, 8 x 1⅛ in.	No. with Front, 8 x 1¼ in.	Front	Bolts
7535	8535	Bronze, flat	Bronze
7535½	8535½	" rabbeted	"

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

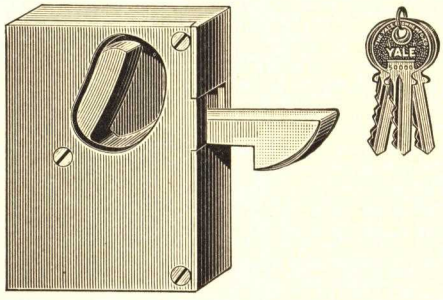
HALF MORTISE LOCKS



No. 5719 Latch
For Elevator Doors

Case . . . . . 5 x 2¾ x 9/16 in. Cast bronze.
Not Reversible Specify hand.
Key . . . . . One, nickel plated steel, No. S30. Changes alike.
Backset . . . 1¼ in.
Operation . . By key from outside, by flush pull from inside.
Packed . . . . Each in a box, with strike, screws and DT812 key plate.
Not master-keyed: These locks cannot be master-keyed.

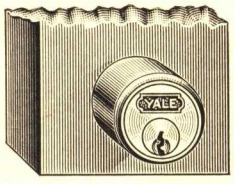
No.	Bolt and Pull
5719	Cast bronze



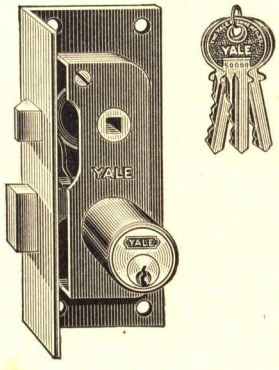
No. 5752 Latch
For Metal Sliding Gates

Case . . . . . 4 1/16 x 2⅞ x ¾ in. Cast bronze.
Not Reversible Specify hand.
Bolt . . . . . ¼ in. from front of lock to hook on under side of bolt. Can be furnished with spacing up to ¾ in.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 1½ in.
Operation . . By key from outside, by flush pull from inside
Packed . . . . Each in a box.
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Bolt and Pull
5752	Cast bronze



Cylinder Outside



No. 5772 Series

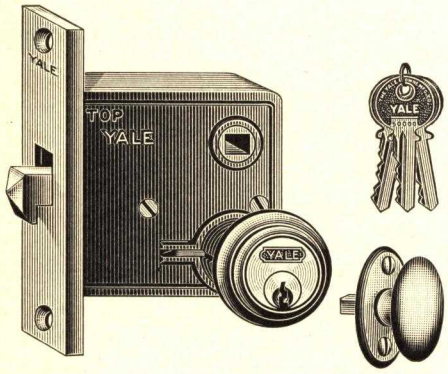
Case . . . . . Cast bronze, size as below.
Not Reversible For doors opening out, specify hand. For doors opening in, to special order.
For Doors . . Specify thickness of door.
Strike . . . . Cast bronze, 5 x ⅜ x ⅝ in.
Hub . . . . . Bronze, for 5/16 in. spindle.
Cylinder . . . Bronze, flush. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . See below.
Spacing . . . 2 in.
Operation . . Latch bolt by knob from outside. Dead bolt by key from outside.
Trim . . . . State on order if wanted with or without trim. Regular plain trim, G564½ knob and GR plate 5½ x 1¾ in.
Packed . . . . Each in a box, with screws and trim if ordered.
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same number key. See page XXXIII.

No.	Backset	Case	No.	Backset	Case
5772	⅞ in.	5 x 1⅞ x ⅝ in.	5776	1¾ in.	5 x 2¾ x ⅝ in.
5773	1 "	5 x 2 x ⅝ "	5777	2 "	5 x 3 x ⅝ "
5774	1¼ "	5 x 2¼ x ⅝ "	5778	2¼ "	5 x 3¼ x ⅝ "
5775	1½ "	5 x 2½ x ⅝ "	5779	2½ "	5 x 3½ x ⅝ "

When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER SLIDING DOOR LOCKS

CUTS ONE-THIRD SIZE



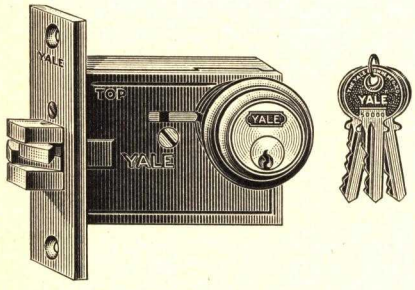
No. G564½ knob and plate.

No. 1730 Series

Front . . . . Flat, 5¼ x 1 in.
Reversible . . For doors of either hand.
For Doors . . Specify thickness of door.
Case . . . . . 3¼ x 3½ x ¾ in. Japanned iron.
Hub . . . . . Bronze, compensating, for 5/16 in. spindle.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Operation . . No. 1730. By key from outside, by knob from inside. No. 1730¼. By key from either side. (Knob is omitted).
Packed . . . . Each in a box, with screws and strike. No. 1730 with knob and plate.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolt	Cylinders
1730	Bronze	One
1730¼	"	Two

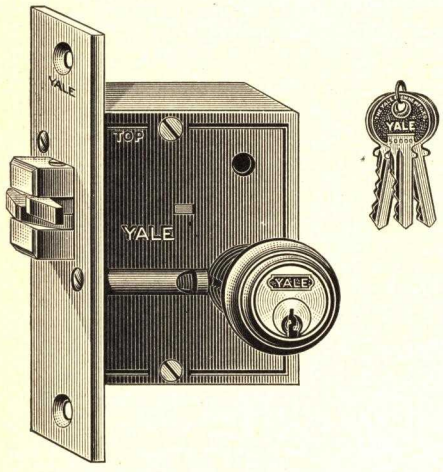


No. 1732 Series

Front . . . . Flat, 4 x 1 in.
Reversible . . For doors of either hand.
For Doors . . Specify thickness of door.
Case . . . . . 2⅜ x 3⅝ x 1 3/16 in. Japanned iron.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Operation . . No. 1732. By key from one side only. No. 1732¼. By key from either side.
Packed . . . . Each in a box, with screws and strike.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolt	Cylinders
1732	Bronze	One
1732¼	"	Two



No. 1733 Series

Front . . . . Flat, 6⅞ x 1⅜ in.
Reversible . . For doors of either hand.
For Doors . . Specify thickness of door.
Case . . . . . 4⅜ x 3⅝ x 1⅛ in. Japanned iron.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Operation . . No. 1733. By key from one side only. No. 1733¼. By key from either side.
Packed . . . . Each in a box, with screws and strike.

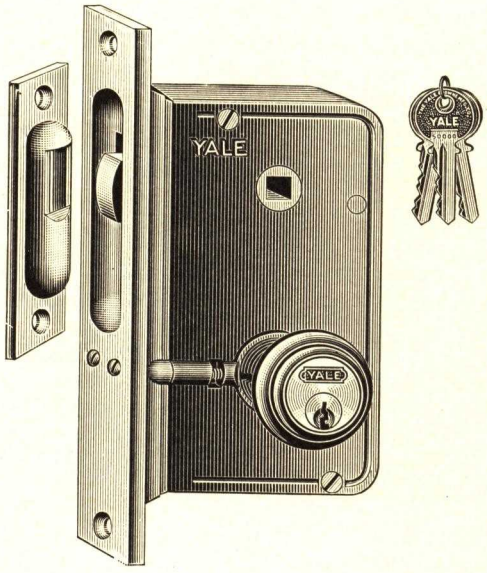
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolt	Cylinders
1733	Bronze	One
1733¼	"	Two

When ordering, give thickness of door and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER SLIDING DOOR LOCKS

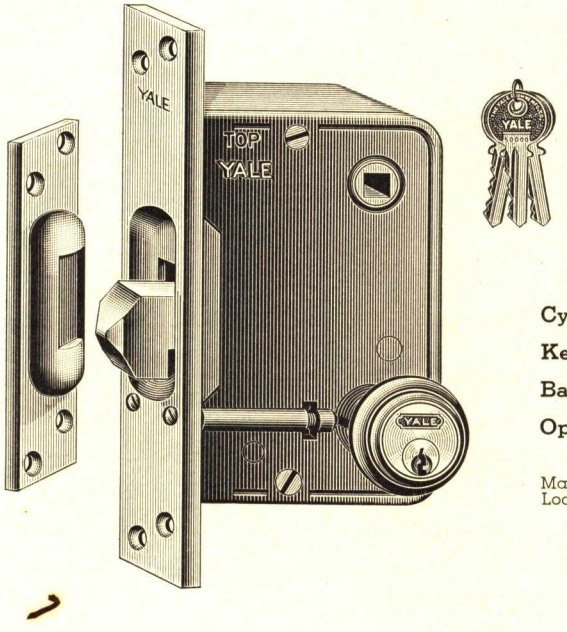


No. 1739 Series

Front . . . . Cast bronze, recessed, 8 5/16 x 1 1/16 in.
Reversible . . For doors of either hand.
For Doors . . Specify thickness of door.
Case . . . . . 6 1/16 x 3 7/8 x 5/8 in. Japanned iron.
Strike . . . . Cast bronze, 4 1/4 x 1 1/16 in.
Hub . . . . . Bronze, for 3/8 in. spindle.
Bolt . . . . . Cast bronze, 7/8 x 3/8 in.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2 1/4 in.
Operation . . By knob or drop ring handle from both sides. No. 1739, knob may be deadlocked by key from one side. No. 1739 1/4 deadlocked from both sides.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolt	Cylinders
1739	Cast bronze	One
1739 1/4	" "	Two



No. 1746 Lock

Front . . . . Cast bronze, recessed, 8 3/4 x 1 3/8 in.
Not Reversible Specify hand when ordering.
For Doors . . Specify thickness of door.
Case . . . . . 6 x 4 x 1 1/8 in. Japanned iron.
Strike . . . . Cast bronze, 5 1/2 x 1 3/8 in.
Hub . . . . . Bronze, for 3/8 in. spindle.
Bolt . . . . . Cast bronze, 1 1/4 x 1/2 in.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 3 in.
Operation . . Outside by key only. Inside by knob or drop ring handle only.

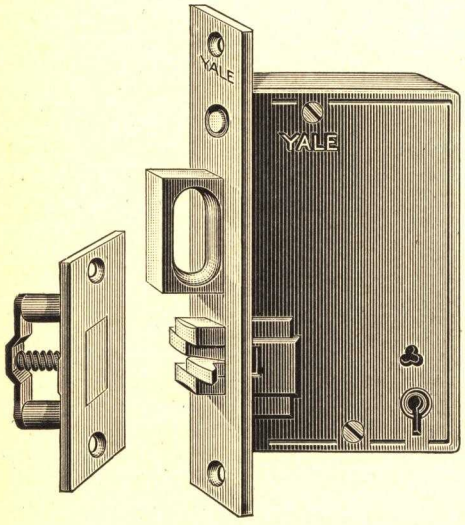
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolt	Cylinder
1746	Cast bronze	One

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

SLIDING DOOR LOCKS

CUTS ONE-THIRD SIZE





Nos. 1706 and 1716 Locks

Front . . . . Flat, 7½ x 1⅛ in.

Case . . . . . 5½ x 3⅜ x ¾ in. Japanned iron.

Strike . . . . No. 1706; dust proof, 3½ x 1¼ in.
No. 1716; dust proof, 7½ x 1⅛ in.

Key . . . . . One, adjustable bronze, No. 81.

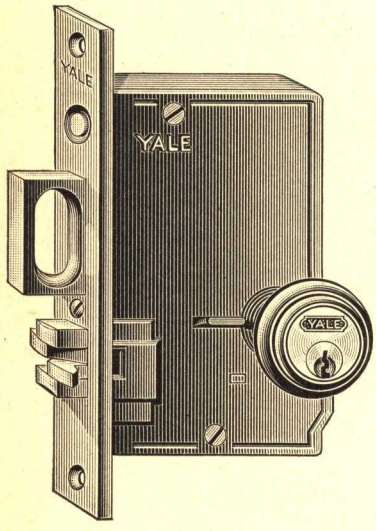
Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.

Backset . . . Regular, 2¾ in.; special, 2, 2¼, 2½, 3, 3¼, 3½, 4 and 4½ in. at an extra price.

Operation . . Door may be closed by pull in front. May be locked by key from either side.

Master-keying: Can be master-keyed in sets with other Yale Locks using the No. S53 or S55 key. See page XXXIII

No.	For Doors	Front and Bolt
1706	Single flat	Cast bronze
1716	Double "	" "





Nos. 1751 and 1761 Series

Front . . . . Flat, 7½ x 1 1/16 in.

Case . . . . . 5⅝ x 3¾ x ¾ in. Japanned iron.

Strike . . . . No. 1751; dust proof, 3½ x 1¼ in.
No. 1761; dust proof, 7½ x 1⅛ in.

For Doors . . Specify thickness of door.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . 2¾ in.

Operation . . Door may be closed by pull in front. May be locked by key from one or both sides.

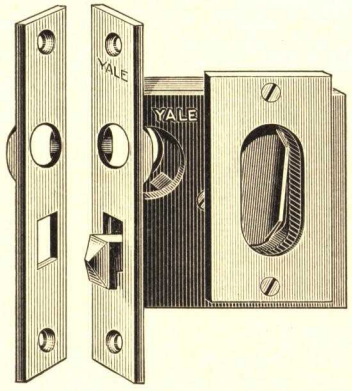
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	For Doors	Front and Bolt	Cylinders
1751	Single flat	Cast bronze	One
1751¼	" "	" "	Two
1761	Double "	" "	One
1761¼	" "	" "	Two

Packed: 1 set in a box, with screws.
When ordering, give thickness of door and finish. For finishes, see page XXV.

SLIDING DOOR LOCKS

CUTS ONE-THIRD SIZE

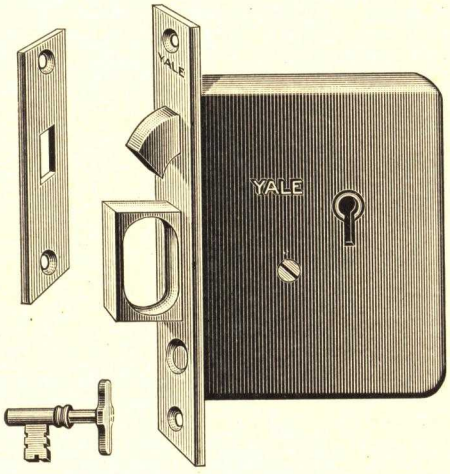


Nos. 1700 and 1701 Series

Front . . . . Flat, 5½ x 1 in.
Case . . . . . 3¼ x 3¼ x ⅝ in. Japanned iron.
Backset . . . 2 in.
Operation . . By flush pull from both sides. Opening in front may be used to close door when it is flush in pocket.
Packed . . . . Each in a box with screws and with or without trim as ordered.

No.	Front	For Doors	Bolt	Set No. With Trim	Escuts. 3½ x 1⅞ in.
1701	Cast bronze	Single	Bronze	GL80	Two, cast bronze
1700	" iron	"	"	FL80	" " iron
1711	" bronze	Double	"	GL83	Four " bronze
1710	" iron	"	"	FL83	" " iron

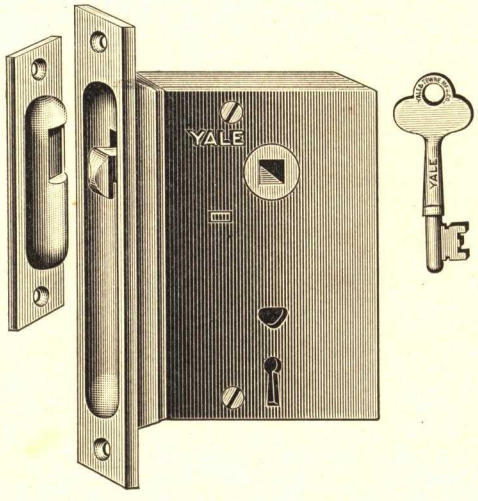
Specify if wanted with or without trim.



Nos. 1704 and 1705 Series

Front . . . . Flat, wrought, 7⅛ x ⅞ in.
Case . . . . . 5¼ x 4 x ⅝ in. Japanned iron.
Strike . . . . Nos. 1704 and 1705, flat, 4 x ⅞ in.
Key . . . . . One, adjustable bronze, No. 48. Alike changes.
Backset . . . 2¾ in.
Operation . . Door may be closed by pull in front. May be locked by key from either side.
Packed . . . . Each in a box, with screws.
Not master-keyed: This lock cannot be master-keyed.

No.	Front	For Doors	Bolt and Pull
1705	Wrt. bronze	Single flat	Cast bronze
1704	" steel	" "	" "
1715	" bronze	Double "	" "
1714	" steel	" "	" "



No. 1876 Lock

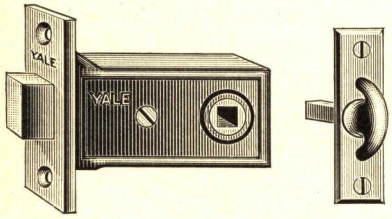
Front . . . . Cast bronze, recessed, 7 3/16 x 1 1/16 in.
Case . . . . . 5 x 3⅞ x ⅝ in. Japanned iron.
Strike . . . . Cast bronze, 4 x 1 1/16 in.
Hub . . . . . Bronze, for ⅜ in. spindle.
Key . . . . . One, nickel plated steel, No. S54.
Backset . . . Regular, 2¼ in.; special, 3 in. at an extra price.
Spacing . . . 3 in.
Operation . . By knob or drop ring handle from both sides. Knob may be dead locked by key from either side.
Packed . . . . Each in a box, with screws.
Not master-keyed: This lock cannot be master-keyed.

No.	Front and Bolt	Tumblers	Changes
1876	Cast bronze	Three	54

When ordering, give finish and specify trim, if wanted. For finishes, see page XXV.

MORTISE BOLTS AND DEADLOCKS

CUTS ONE-THIRD SIZE

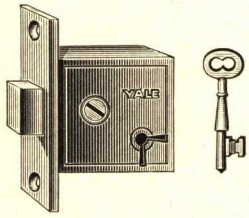


No. 1060 Bolt

Front . . . . Flat, 3 x 7/8 in.
Reversible . . For doors of either hand.
Case . . . . . 1½ x 3¼ x 9/16 in. Japanned iron.
Hub . . . . . Bronze, for 3/16 in. spindle.
Backset . . . Regular, 2½ in.; special 2, 2⅝ and 2¾ in.

No.	Front and Bolt	Trim
*1060 no trim	Cast bronze	None
1060 with trim	" "	35 x GR 3055

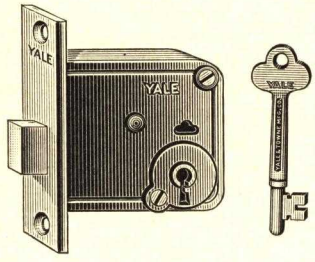
* Regularly furnished without trim. If trim is wanted, order must so specify.



No. 254 Lock

Front . . . . Flat, 2¾ x 5/8 in.
Reversible . . For doors of either hand or for drawers.
Case . . . . . 1¾ x 2 x ½ in. Japanned iron.
Key . . . . . One, malleable iron, No. 500.
Backset . . . 1½ in.
Not master-keyed: This lock cannot be master-keyed.

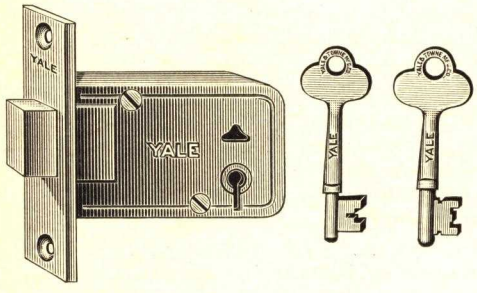
No.	Front and Bolt	Tumbler	Changes
254	Cast iron	One	Four



No. 280 Series

Front . . . . Flat, 3½ x ¾ in.
Reversible . . For doors of either hand.
Case . . . . . 2¼ x 2½ x ½ in. Japanned iron.
Key . . . . . One, nickel plated steel, No. S30.
Backset . . . 2 in.
Not master-keyed: These locks cannot be master-keyed.

No.	Front and Bolt	Tumblers	Changes
280	Cast bronze	Three	18
281	" "	One	12



Nos. 270 and 275 Series

Front . . . . Flat, 4⅛ x 1 in. Rabbeted, 4⅛ x 1 in.; ½ in. rabbet, beveled, ⅛ in 2 in.
Reversible . . Flat front for doors of either hand.
Rabbeted, not reversible. Specify hand.
Case . . . . . 2⅛ x 3½ x 1 1/16 in. Japanned iron.
Key . . . . . One, nickel plated steel, as below.
Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.
Backset . . . No. 270 Regular, 2¾ in.; special, 1½, 1¾, 2, 2¼, and 2½ in. No. 275, 2¾ in. only.
Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

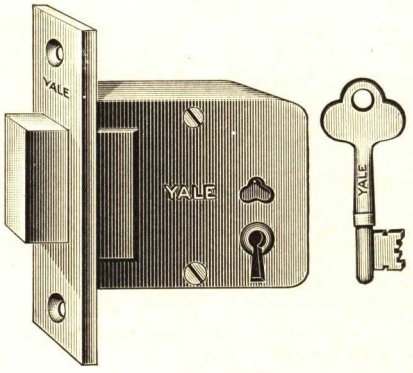
No. Flat Front	No. Rabbeted Front	Front and Bolt	Key
270	270½	Cast bronze	S53
275	275½	" "	S55

Packed: ½ doz. in a box, with screws.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MORTISE DEADLOCKS

For Institutions, Asylums, etc.

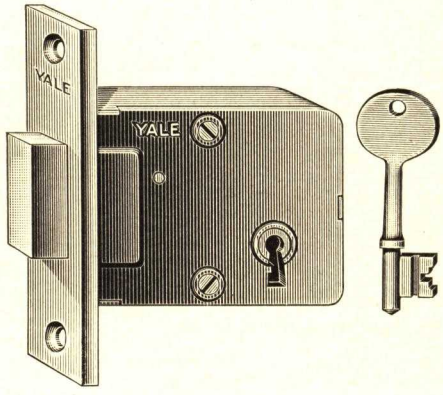


No. 297 Lock

Front . . . . Flat, 5¼ x 1⅛ in.
Reversible . . For doors of either hand.
Case . . . . . 2⅞ x 3½ x 1 3/16 in. Japanned iron.
Bolt . . . . . Heavy, 1¾ x ⅝ in., ⅝ in. throw.
Key . . . . . One, nickel plated steel, No. S60.
Tumblers . . . Three, 54 changes. When master-keyed, 2400 changes.
Backset . . . 2¾ in.
Packed . . . . ½ doz. in a box, with screws.

Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No.	Front and Bolt
297	Cast bronze

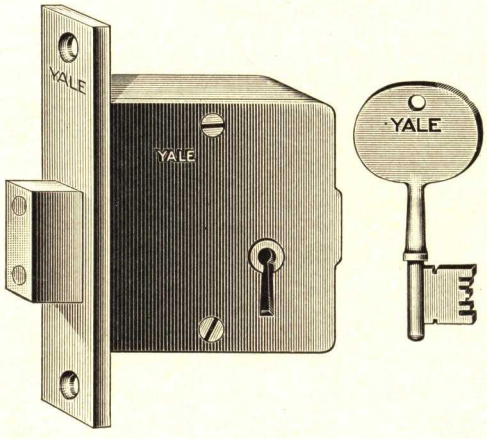


Nos. 278 and 279 Locks

Front . . . . Flat; No. 278, 5½ x 1¼ in. No. 279, 5½ x 1 5/16 in. No. 278 can be furnished with rabbeted front, 5¼ x 1¼ in.
Reversible . . For doors of either hand.
Case . . . . . 3 x 4 1/16 x ⅞ in. Japanned iron.
Bolt . . . . . Heavy, 1¾ x ⅝ in., 9/16 in. throw.
Strike . . . . No. 278, 5½ x 1¼ in. No. 279, no strike is furnished unless specified on order.
Key . . . . . One, nickel plated steel, No. S63.
Tumblers . . . Three, 12 changes.
Backset . . . 3 in.
Packed . . . . ½ doz. in a box, with screws.

Master-keying: Cannot be master-keyed, as these locks are used on institutions where they are keyed alike.

No. Flat Front	No. Rabbeted Front	Front and Bolt
278	278½	Cast bronze
279	....	" "



No. 282 Lock

Front . . . . Flat, 6⅜ x 1¼ in.
Reversible . . For doors of either hand.
Case . . . . . 3⅞ x 3⅞ x 1 1/16 in. Japanned iron.
Bolt . . . . . Heavy, 1¾ x ⅝ in., ¾ in. throw, with two hardened steel pins inserted.
Strike . . . . Cast box, 5½ x 1¼ in.
Key . . . . . One, nickel plated steel, No. S64.
Tumblers . . . Six, 1764 changes.
Backset . . . 2¾ in.
Trim . . . . Two cast bronze key plates, 2½ x 1 5/32 in. are furnished with each lock.
Packed . . . . With machine screws for front, strike and key plates.

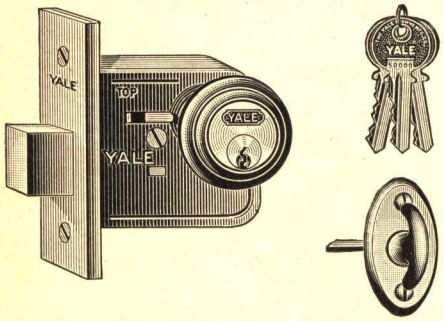
Master-keying: Can supply 12 different master-key groups with 16 locks in each group. Can be grand master-keyed.

No.	Front and Bolt
282	Cast bronze

When ordering, give finish. For finishes, see page XXV.

CYLINDER MORTISE DEADLOCKS

CUTS ONE-THIRD SIZE

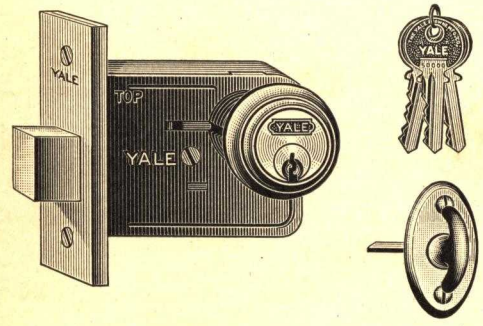


Turn knob and plate with Nos. 323 and 323½ locks only

No. 322 Series

Front . . . . Flat, armored, 4 x 1 1/16 in.
Rabbeted, 4 1/16 x 1 1/16 in.; ½ in. rabbet.
Reversible . . Flat front for doors of either hand.
Rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 2⅜ x 3⅛ x 1 3/16 in. Japanned iron.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8, changes, practically unlimited.
Backset . . . 2¼ in.
Operation . . Nos. 322 and 322½, by key from one side.
Nos. 322¼ and 322¾, by key from either side.
Nos. 323 and 323½, by key from one side, by turn knob from the other side.

No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinders
322	322½	Bronze	One side only
322¼	322¾	"	Both sides
323	323½	"	One side, turn knob inside

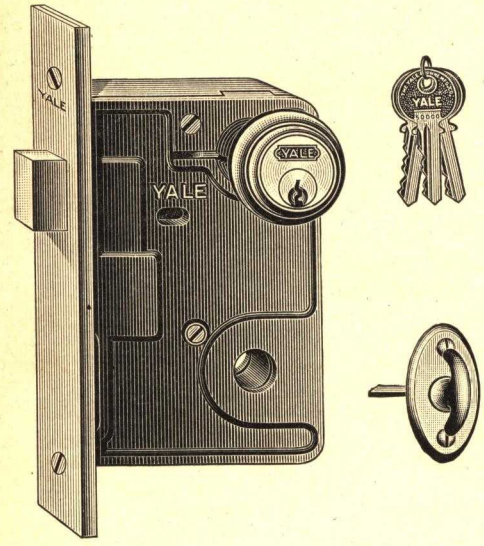


Turn knob and plate with Nos. 325 and 325½ locks only

No. 324 Series

Front . . . . Flat, armored, 4 x 1 1/16 in.
Rabbeted, 4 1/16 x 1 1/16 in.; ½ in. rabbet.
Reversible . . Flat front for doors of either hand.
Rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 2½ x 3⅝ x 1 3/16 in. Japanned iron.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in. Special, 2, 2½ and 3¼ in.
Operation . . Nos. 324 and 324½, by key from one side.
Nos. 324¼ and 324¾, by key from either side.
Nos. 325 and 325½, by key from one side, by turn knob from the other side.

No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinders
324	324½	Bronze	One side only
324¼	324¾	"	Both sides
325	325½	"	One side, turn knob inside



Turn knob and plate with Nos. 7309 and 8309 locks only

Nos. 7308 and 8308 Series

No. 8308 series are especially for Hollow Metal Door application. See page 5.

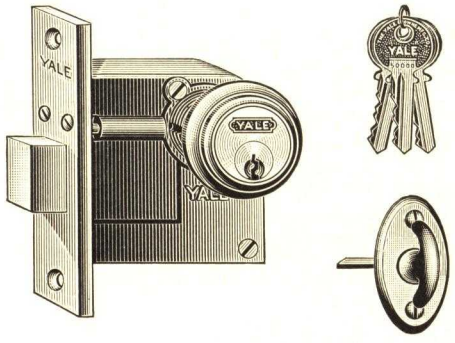
Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, ⅛ in 2 in. Not furnished with special bevel.
Reversible . . Flat front for doors of either hand.
Beveled and rabbeted, not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . Regular, 2¾ in.; also 2½ in to order at the same price.
Operation . . Nos. 7308-8308, by key from one side.
Nos. 7308¼-8308¼, by key from either side.
Nos. 7309-8309, by key from one side, by turn knob from the other side.

No. Front 8 x 1⅛ in.	No. Front 8 x 1¼ in.	Front	Bolt	Cylinders
7308	8308	Bronze, flat	Bronze	One side only
7308¼	8308¼	" "	"	Both sides
7309	8309	" "	"	One side, turn knob inside
7308½	8308½	" rabbeted	"	One side only
7308¾	8308¾	" "	"	Both sides
7309½	8309½	" "	"	One side, turn knob inside

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinders. See page XXXIII.
Packed: Each in a box with screws; Nos. 323, 325, 7309 and 8309 series with turn knob and plate.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER MORTISE DEADLOCKS

CUTS ONE-THIRD SIZE

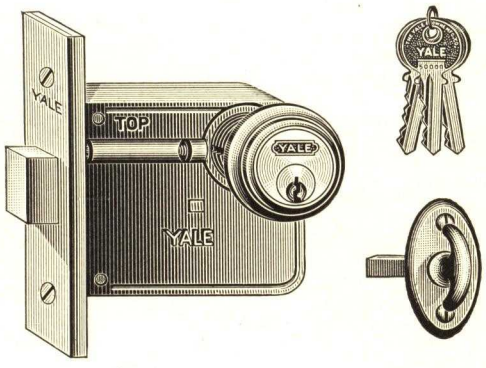


Turn knob and plate with No. 333 lock only

No. 332 Series

Front . . . . Flat, 4½ x 1 in.
Reversible . . For doors of either hand.
Case . . . . . 2⅞ x 2⅞ x ¾ in. Japanned iron.
Bolt . . . . . 1 x ½ in., 9/16 in. throw.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . Regular, 2 in.; special, 1⅛, 1¼, 1½, 1¾ and 2¼ in.
Operation . . No. 332, by key from one side.
No. 332¼, by key from either side.
No. 333, by key from one side, by turn knob from the other side.
Packed . . . . Each in a box, with screws. No. 333, with turn knob and plate.

No.	Front and Bolt	Cylinders
332	Cast bronze	One side only
332¼	" "	Both sides
333	" "	One side, turn knob inside

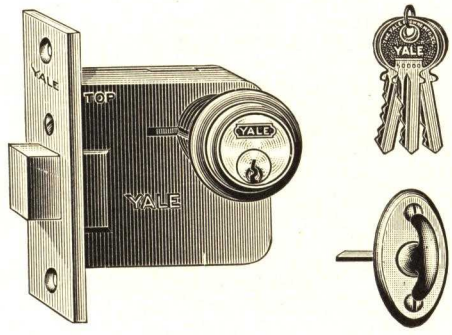


Turn knob and plate with No. 328 lock only

No. 328 Series

Front . . . . Flat, armored, 5 x 1 in.
Rabbeted, 5 x 1 in.; ½ in. rabbet.
Not Reversible Specify hand and thickness of door.
Case . . . . . 3 x 3⅝ x ¾ in. Japanned iron.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¾ in.
Operation . . Nos. 328-328½, by key from one side, by turn knob from the other side.
Nos. 328¼-328¾ by key from either side.
Packed . . . . Each in a box, with screws. Nos. 328-328½ with turn knob and plate.

No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinders
328	328½	Bronze	One side, turn knob inside
328¼	328¾	"	Both sides



Turn knob and plate with No. 331 lock only

No. 330 Series

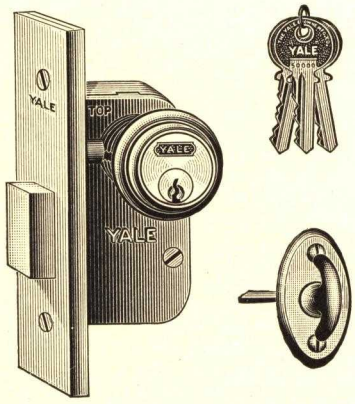
Front . . . . Flat, 4½ x ⅞ in.
Reversible . . For doors of either hand.
For Doors . . Specify thickness of door.
Case . . . . . 2⅞ x 3⅜ x ⅝ in. Japanned iron.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8, changes, practically unlimited.
Backset . . . 2½ in.
Operation . . No. 330, by key from one side.
No. 330¼ by key from either side.
No. 331, by key from one side, by turn knob from the other side.
Packed . . . . Each in a box, with screws. No. 331, with turn knob and plate.

No.	Front and Bolt	Cylinders
330	Bronze	One side only
330¼	"	Both sides
331	"	One side, turn knob inside

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CYLINDER MORTISE DEADLOCKS

CUTS ONE-THIRD SIZE



Turn knob and plate with Nos. 337 and 339 locks only

Nos. 336 and 338 Series

Front . . . . Flat, armored, No. 336, 5¾ x 1⅛ in. No. 338, 5½ x 1⅛ in.

Reversible . . Flat front for doors of either hand.

For Doors . . Specify thickness of door.

Case . . . . . No. 336, 3½ x 2 x ⅞ in. Cast bronze. No. 338, 3½ x 2½ x ¾ in. Cast iron.

Cylinder . . . Bronze. Five pin-tumblers.

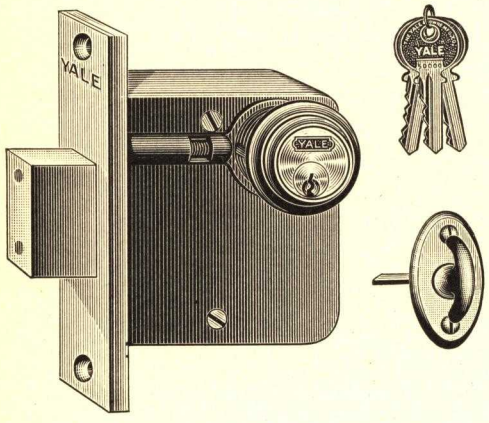
Keys . . . . Three, No. 8, changes, practically unlimited.

Backset . . . No. 336 series, 1 in. No. 338 series, 1½ in.

Operation . . Nos. 336 and 338 by key from one side. Nos. 336¼ and 338¼, by key from either side. Nos. 337 and 339, by key from one side, by turn knob from the other side.

Packed . . . . Each in a box with screws. Nos. 337 and 339 with turn knob and plate.

No.	Backset	Front and Bolt	Cylinders
336	1 in.	Bronze	One side only
336¼	1 "	"	Both sides
337	1 "	"	One side, turn knob inside
338	1½ "	"	One side only
338¼	1½ "	"	Both sides
339	1½ "	"	One side, turn knob inside



Turn knob and plate with No. 317 lock only

No. 316 Series

Front . . . . Flat, armored, 5⅞ x 1¼ in.

Reversible . . Flat front for doors of either hand.

For Doors . . Specify thickness of door.

Case . . . . . 3⅞ x 3⅝ x ⅞ in. Japanned iron.

Bolt . . . . . Cast bronze, 1¾ x ⅝ in. 1 in. throw. Two hardened steel pins are inserted.

Strike . . . . Cast bronze, 4 15/16 x 1¼ in., with wrought box, 1⅛ in. deep.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . 2½ in.

Operation . . No. 316, by key from one side. No. 316¼, by key from either side. No. 317, by key from one side; by turn knob from the other side.

Packed . . . . Each in a box, with screws, No. 317, with turn knob and plate.

No.	Front and Bolt	Cylinders
316	Bronze	One side only
316¼	"	Both sides
317	"	One side, turn knob inside

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII. When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

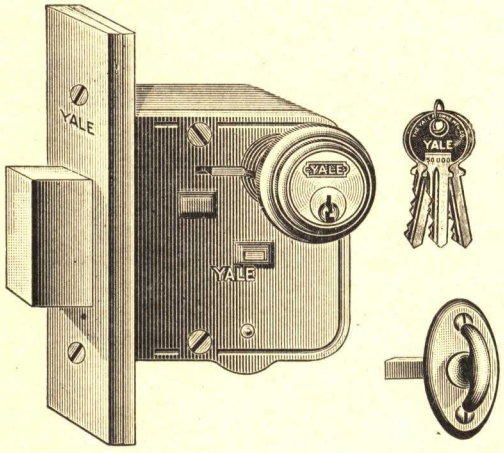
CUTS ONE-THIRD SIZE

CYLINDER MORTISE DEADLOCKS

Strong and heavy with solid bolt having 1 in. throw.

No. 314 Series

Extra heavy solid cast bronze bolt, 1 in. throw.
This deadlock can be used in the same mortise as the No. 304 deadlock.



Turn knob and plate with No. 315 lock only

Front . . . . Flat, armored, 6½ x 1⅜ in.

Reversible . . Flat front for doors of either hand.

For Doors . . Specify thickness of door.

Case . . . . 4 x 4 x 1 3/16 in. Japanned iron.

Bolt . . . . . Cast bronze, 2 x ⅝ in. 1 in. throw. Can furnish to special order with two hardened steel pins inserted in the bolt.

Strike . . . . Cast bronze, 5¾ x 1¼ in., with cast box, 1⅛ in. deep.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . Regular, 2¾ in.; special, 2½ to 6 in.

Operation . . No. 314, by key from one side.
No. 314¼, by key from either side.
No. 315, by key from one side; by turn knob from the other side.

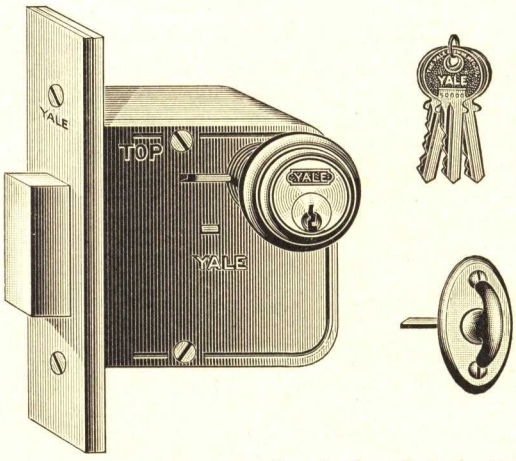
Packed . . . Each in a box, with screws and cast box strike. No. 315, with turn knob and plate.

No.	Front and Bolt	Cylinders
314	Bronze	One side only
314¼	"	Both sides
315	"	One side, turn knob inside

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER MORTISE DEADLOCKS



Turn knob and plate with Nos. 303, 303½, 305 and 305½ locks only

Nos. 302 and 304 Series

Front . . . . Flat, armored, 6½ x 1⅜ in.
Rabbeted, 6½ x 1⅜ in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand.
Rabbeted, not reversible. Specify hand.

For Doors . . Specify thickness of door.

Case . . . . . No. 302, 3¾ x 3⅜ x 1⅛ in. Japanned iron.
No. 304, 3¾ x 4 x 1⅛ in. Japanned iron.

Cylinder . . . Bronze. Five pin-tumblers.

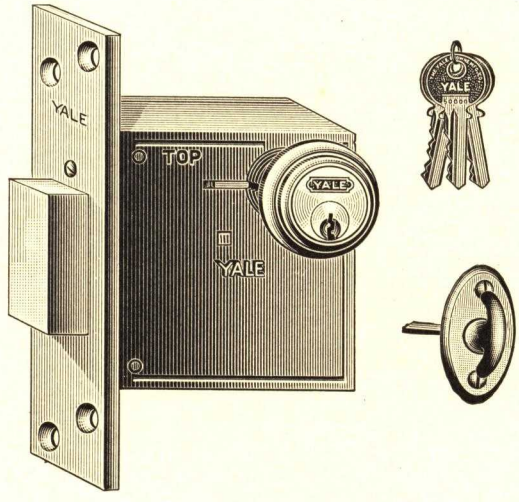
Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . No. 302 Series, 2¼ in.
No. 304 Series, 2¾ in. Special 1½, 1¾, 2, 2½, 3¼ in.

Operation . . Nos. 302, 302½, 304 and 304½, by key from one side.
Nos. 302¼, 302¾, 304¼ and 304¾, by key from either side.
Nos. 303, 303½, 305 and 305½ by key from one side; by turn knob from the other side.

Packed . . . . Each in a box with screws. Nos. 303, 303½, 305 and 305½, with turn knob and plate.

No. Flat Front	No. Rabbeted Front	Backset	Front and Bolt	Cylinders
302	302½	2¼ in.	Bronze	One side only
302¼	302¾	2¼ "	"	Both sides
303	303½	2¼ "	"	One side, turn knob inside
304	304½	2¾ "	"	One side only
304¼	304¾	2¾	"	Both sides
305	305½	2¾ "	"	One side, turn knob inside



Turn knob and plate with Nos. 319 and 319½ locks only

No. 318 Series

Front . . . . Flat, 7 1/16 x 1⅝ in. Rabbeted, 7 1/16 x 1¾ in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand.
Rabbeted, not reversible. Specify hand.

For Doors . . Specify thickness of door.

Case . . . . 4 x 3⅞ x 1¼ in. Japanned iron.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . 2¾ in.

Operation . . Nos. 318-318½, by key from one side.
Nos. 318¼-318¾, by key from either side.
Nos. 319-319½, by key from one side, by turn knob from the other side.

Packed . . . . Each in a box, with screws. Nos. 319 and 319½ with turn knob and plate.

No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinders
318	318½	Cast bronze	One side only
318¼	318¾	" "	Both sides
319	319½	" "	One side, turn knob inside

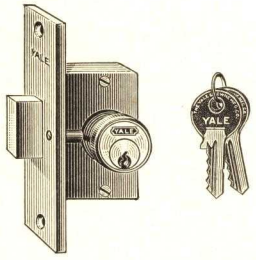
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII. When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

MORTISE DEADLOCKS

Cylinder and Bit Key

CUTS ONE-THIRD SIZE

No. 306 Lock



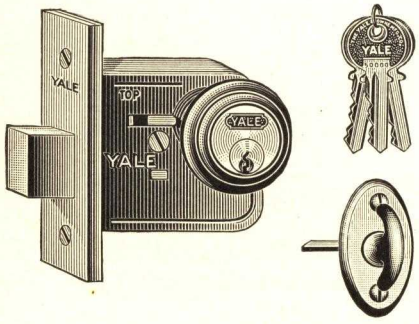
Front . . . . Flat, 3½ x ⅞ in.
Not Reversible Specify hand and give detail of door.
Case . . . . . 2 x 1¼ x 9/16 in. Iron, copper plated.
Cylinder . . . Brass, ⅞ in. diameter. Four pin-tumblers.
Keys . . . . Two, No. 10½; changes, practically unlimited.
Backset . . . 13/16 in.
Operation . . By key from outside only.
Packed . . . . Each in a box, with screws.

Master-keying: Can be master-keyed only with other Yale Cylinder Locks using the No. 10½ key. See page XXXIII.

No.	Front and Bolt	Cylinder
306	Cast bronze	One

No. 323ST Lock

For Schoolhouse Class Room Doors



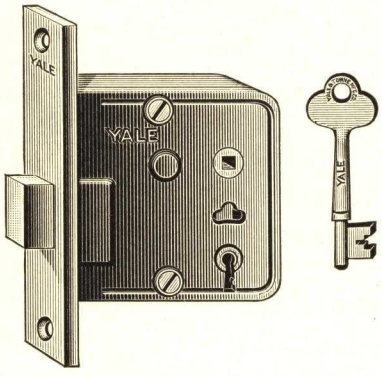
Front . . . . Flat, armored, 4 x 1 1/16 in.
Not Reversible Specify hand and thickness of door.
Case . . . . . 2⅜ x 3⅛ x 13/16 in. Japanned iron.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2¼ in.
Operation . . By key from outside, and by turn knob from inside. The turn knob on the inside will withdraw the bolt, but will not project it.
Packed . . . . Each in a box, with screws, turn knob and plate.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolt	Cylinder
323ST	Bronze	One side, turn knob inside

No. 277 Lock

For Schoolhouse Class Room Doors



Front . . . . Flat, 5⅜ x 1 1/16 in.
Reversible . . For doors of either hand.
Case . . . . . 3¼ x 3¼ x ¾ in. Japanned iron.
Hub . . . . . Bronze, for 3/16 in. spindle.
Key . . . . . One, nickel plated steel, No. S53.
Backset . . . 2 9/16 in.
Operation . . By key from outside, and by turn knob from inside. The turn knob on the inside will withdraw the bolt, but will not project it.
Packed . . . . Each in a box, with screws.

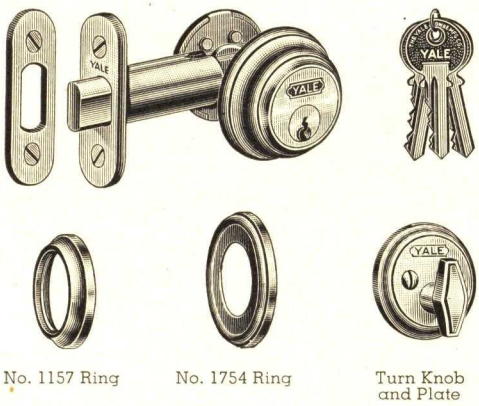
Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No.	Front and Bolt	Tumblers	Changes
277	Cast bronze	Three	54

When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

TUBULAR MORTISE LOCKS

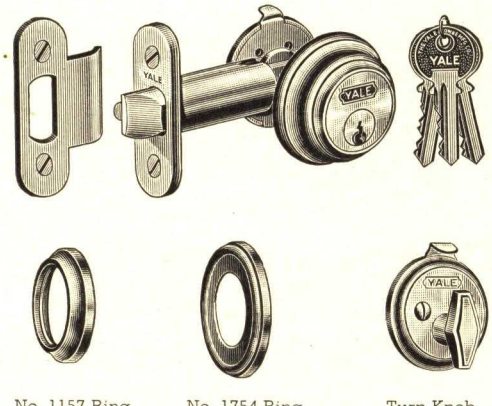


No. 1157 Ring | No. 1754 Ring | Turn Knob and Plate

No. 170 Tubular Mortise Deadlock

Front . . . . Forged brass, 2¾ x 1 in.
Reversible . . For doors of either hand.
For Doors . . Three rings are furnished with each lock, to suit doors 1 5/16 to 2¼ in. thick.
Case . . . . . Die-cast, cadmium plated.
Strike . . . . Wrought bronze or brass, 2¾ x 1 in.
Dead Bolt . . Extruded brass, ¾ x 9/16 in.; 9/16 in. throw. Two hardened steel pins inserted in bolt.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8, changes, practically unlimited.
Backset . . . 2⅜ in.
Turn Knob Plate Wrought bronze or brass, 1¾ in. diameter.
Operation . . From outside by key. From inside by knob.
Packed . . . . Each in a box, with screws, template and directions.

No.	Front and Bolt	Cylinder
170	Brass	One side, knob inside



No. 1157 Ring | No. 1754 Ring | Turn Knob and Plate

No. 175 Tubular Mortise Deadlatch
Automatic Deadlocking Bolt

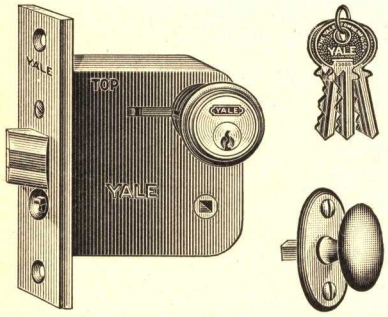
Front . . . . Forged brass, 2¾ x 1 in.
Not Reversible Specify hand.
For Doors . . Three rings are furnished with each latch, to suit doors 1 5/16 to 2¼ in. thick.
Case . . . . . Die-cast, cadmium plated.
Strike . . . . Wrought bronze or brass, 2¾ x 1 in.; 1 5/16 in. lip.
Latch Bolt . . Extruded brass, ¾ x 17/32 in.; 9/16 in. throw.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2⅜ in.
Turn Knob Plate Wrought bronze or brass, 1¾ in. dia.
Operation . . From outside by key, from inside by knob. Bolt may be held back by stop. When door is closed the trigger bolt automatically deadlocks the bolt and makes it proof against end pressure.
Packed . . . . Each in a box, with screws, template and directions.

No.	Front and Bolt	Cylinder
175	Brass	One side, knob inside

Master-keying: These locks can be master-keyed in sets as desired with other Yale Cylinder Locks using the same number key. See page XXXIII.
When ordering, give hand when necessary and finish. For finishes, see page XXV.

CYLINDER MORTISE SPRINGLATCHES

CUTS ONE-THIRD SIZE



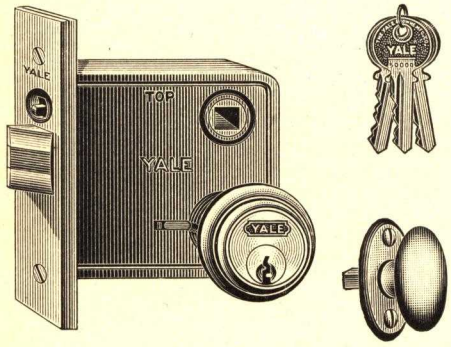
No. G363½
knob and plate

No. 60 Springlatch

Front . . . . Flat, 4½ x ⅞ in.
Reversible . . For doors of either hand.
For Doors . . Specify thickness of door.
Case . . . . . 2⅞ x 3⅛ x 1 1/16 in. Japanned iron.
Strike . . . . Lip to center, 1⅛ in., see page 7.
Hub . . . . . Bronze, for 3/16 in. spindle.
Latch Bolt . . Easy spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze, No. 1120. Five pin-tumblers.
Keys . . . . Three, No. 13; changes, practically unlimited.
Backset . . . 2½ in.
Operation . . By key from outside; by knob from inside. Bolt may be held back by stop in front.
Packed . . . . Each in a box, with screws, knob and plate.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same number key. See page XXXIII.

No.	Front and Bolt	Cylinder
60	Bronze	One side, knob inside



No. G564½
knob and plate

Nos. 64 and 66 Series Springlatches

Front . . . . Flat, No. 64, cast, 5¼ x 1 in. No. 66, armored. 5 x 1 in. Nos. 64½ and 64¾. Rabbeted, 5¼ x 1⅛ in.; ½ in. rabbet.
Nos. 66½ and 66¾. Rabbeted, 5 x 1⅛ in.; ½ in. rabbet.
Reversible . . Flat front for doors of either hand.
Rabbeted. Not reversible. Specify hand.
For Doors . . Specify thickness of door.
Case . . . . . No. 64, 3½ x 2¾ x 1 3/16 in. Japanned iron.
No. 66, 3¼ x 3½ x 1 3/16 in. Japanned iron.
Strike . . . . Lip to center, flat, 1⅛ in.; rabbeted, 1 in., see page 7.
Hub . . . . . Bronze, for 5/16 in. spindle.
Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8, changes, practically unlimited.
Backset . . . No. 64 series, 2 in.
No. 66 series, 2¾ in.
Operation . . Nos. 64, 64½, 66 and 66½. By key outside, by knob inside.
Nos. 64¼, 64¾, 66¼ and 66¾. By key from either side (knob is omitted). Bolt may be held back by stop in front.
Packed . . . . Each in a box, with screws. Nos. 64, 64½, 66 and 66½, with knob and plate.

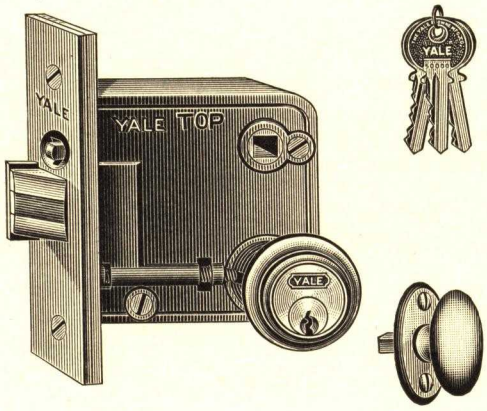
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same number key. See page XXXIII.

No. Flat Front	No. Rabbeted Front	Backset	Front and Bolt	Cylinders
64	64½	2 in.	Bronze	One side, knob inside
64¼	64¾	2 "	"	Both sides
66	66½	2¾ "	"	One side, knob inside
66¼	66¾	2¾ "	"	Both sides

When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

CYLINDER MORTISE LATCHES



No. G564½ knob and plate

No. 62 Series Deadlatches

Automatic Deadlocking Bolt

Front . . . . Flat, armored, 5½ x 1⅛ in. Beveled, 5½ x 1⅛ in. Regular bevel, ⅛ in 2 in.

Not Reversible Specify hand and thickness of door.

Case . . . . . 3½ x 3⅝ x 1 3/16 in. Japanned iron.

Strike . . . . Lip to center, 1¼ in. See page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

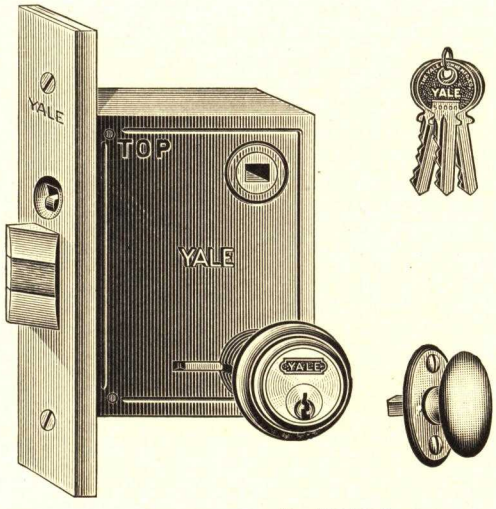
Backset . . . 2¾ in.

Operation . . No. 62. By key outside, by knob inside. No. 62¼. By key from either side (knob is omitted). When door is closed, the slide automatically deadlocks the bolt and makes it proof against end pressure. Bolt may be held back by stop in front.

Packed . . . . Each in a box, with screws; No. 62, with knob and plate.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolt	Cylinders
62	Bronze	One side, knob inside
62¼	"	Both sides



No. G564½ knob and plate

No. 68 Series Springlatches

Front . . . . Flat, armored, 7¼ x 1 5/16 in. Beveled, armored, 7¼ x 1 5/16 in. Regular bevel, ⅛ in 2 in. Rabbeted, 7 x 1¼ in.; ½ in. rabbet.

Reversible . . Flat front for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

For Doors . . Specify thickness of door.

Case . . . . . 4¾ x 3⅝ x 1 in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in.; rabbeted, 1⅛ in., see page 7.

Hub . . . . . Bronze, compensating, for 5/16 in. spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Cylinder . . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . 2¾ in.

Operation . . Nos. 68-68½. By key from outside, by knob from inside. Nos. 68¼-68¾. By key from either side (knob being omitted). Bolt may be held back by stop in front.

Packed . . . . Each in a box, with screws. Nos. 68-68½ with knob and plate.

Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

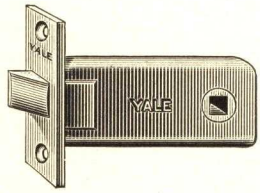
No. Flat Front	No. Rabbeted Front	Front and Bolt	Cylinders
68	68½	Bronze	One side, knob inside
68¼	68¾	"	Both sides

When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

MORTISE KNOB LATCHES

CUTS ONE-THIRD SIZE

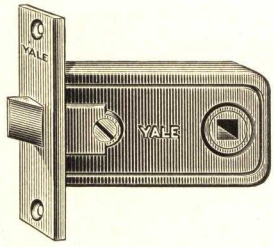
Nos. 0 and 1005 Latches



Front . . . . Flat, size as below.
Reversible . . For doors of either hand.
Case . . . . . 1¼ x 3⅛ x ½ in. Japanned iron.
Strike . . . . Lip to center, 1 in., see page 7.
Hub . . . . . Iron, for 5/16 in. spindle.
Backset . . . 2½ in.

No.	Front	Bolt
0	Cast iron, 2⅝ x ¾ in.	Iron
1005	" brass, 2¾ x ¾ "	Brass

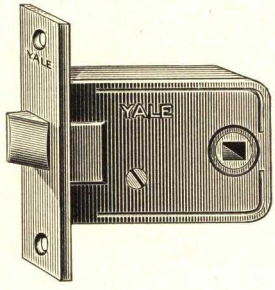
No. 1003 Latch



Construction . Type N, see page 3.
Front . . . . Flat, 3 7/16 x ⅞ in.
Reversible . . For doors of either hand.
Case . . . . . 1¾ x 3⅛ x 1 1/16 in. Japanned iron.
Strike . . . . Lip to center, 1⅛ in., see page 7.
Hub . . . . . Iron, for 5/16 in. spindle.
Bronze, compensating hub to order, at an extra price.
Backset . . . Regular, 2½ in.; special, 2, 2¼ and 2¾ in.

No.	Front and Bolt
1003	Cast bronze

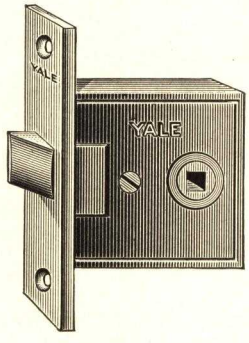
No. 1016 Latch



Construction . Type G, see page 3.
Front . . . . Flat, 4 x 1 in. Beveled, 4 x 1 in. Regular bevel, ⅛ in 2 in.
Reversible . . For doors of either hand.
Case . . . . . 2⅛ x 3 5/16 x 1 1/16 in. Japanned iron.
Strike . . . . Lip to center, 1⅛ in., see page 7.
Hub . . . . . Bronze, compensating, for 5/16 in. spindle.
Backset . . . Regular, 2¾ in.; 2½ in. to order, at the same price.

No.	Front and Bolt
1016	Cast bronze

No. 1001 Series



Construction . Type G, see page 3.
Front . . . . Flat, 4¾ x ⅞ in.
Beveled, 4¾ x ⅞ in. Regular bevel, ⅛ in 2 in.
Rabbeted, 4⅜ x 1 1/16 in.; ½ in. rabbet, beveled ⅛ in 2 in.
Reversible . . For doors of either hand.
Case . . . . . 2⅝ x 2¾ x ⅝ in. Japanned iron.
Strike . . . . Lip to center; flat, 1⅛ in.; rabbeted, 1 in., see page 7.
Hub . . . . . Bronze, for 5/16 in. spindle.
Backset . . . 2 in.

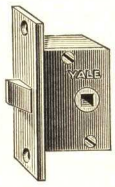
No. Flat Front	No. Rabbeted Front	Front and Bolt
1001	1001½	Cast bronze

Packed: ½ doz. in a box, with screws.
When ordering, give finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MORTISE KNOB LATCHES

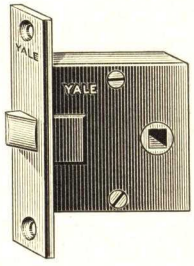
No. 1009 Series



Front . . . . Flat, 2½ x ½ in. Rabbeted, 2½ x 5/8 in.; 3/8 in. rabbet.
Reversible . . For doors of either hand.
Case . . . . . 1 5/8 x 1 1/8 x 3/8 in. Japanned iron.
Strike . . . . Lip to center, ¾ in., see page 7.
Hub . . . . . Bronze, for 3/16 in. spindle.
Backset . . . ¾ in.

No. Flat Front	No. Rabbeted Front	Front and Bolt
1009	1009½	Cast bronze

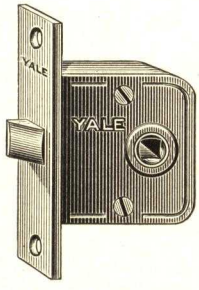
Nos. 1007 and 1008 Series



Front . . . . Flat, 3 5/8 x ¾ in. Rabbeted, 3½ x 1 3/16 in.; 3/8 in. rabbet.
Reversible . . For doors of either hand.
Case . . . . . Japanned iron, size as below.
Strike . . . . Lip to center, 1 in., see page 7.
Hub . . . . . Bronze, for 5/16 in. spindle.
Backset . . . No. 1007, regular, 1¾ in.; special, 1½ in.
No. 1008, regular, 1 in.; special, 1¼ in.

No. Flat Front	No. Rabbeted Front	Backset	Case	Front and Bolt
1007	1007½	1¾ in.	2¼ x 2⅛ x ½ in.	Cast bronze
1008	1008½	1 "	2¼ x 1½ x ½ "	" "

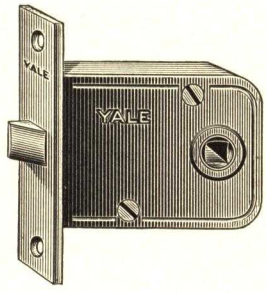
No. 1027 Latch



Construction . Type A, see page 2.
Front . . . . Flat, 4 x 7/8 in.
Reversible . . For doors of either hand.
Case . . . . . 2¼ x 2¼ x 5/8 in. Japanned iron.
Strike . . . . Lip to center, 1⅛ in., see page 7.
Hub . . . . . Iron, for 5/16 in. spindle.
Backset . . . 1½ in.

No.	Front	Bolt
1027	Cast bronze	Brass

Nos. 1022 and 1023 Latches



Construction . Type C, see page 2.
Front . . . . Flat, 4 x 7/8 in.
Reversible . . For doors of either hand.
Case . . . . . Japanned iron, size as below.
Strike . . . . Lip to center, 1⅛ in., see page 7.
Hub . . . . . Iron, for 5/16 in. spindle.
Backset . . . See table below.

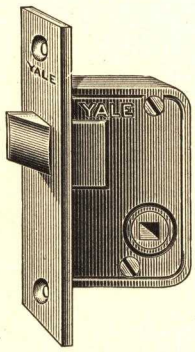
No.	Backset	Case	Front	Bolt
1022	2½ in.	2¼ x 3¼ x 5/8 in.	Cast bronze	Brass
1023*	2⅜ "	2¼ x 3 1/16 x 5/8 in.	" "	"

* For association with rim latches or rim locks with 2⅜ in. backset.

Packed: ½ doz. in a box, with screws.
When ordering, give finish. For finishes, see page XXV.

MORTISE KNOB LATCHES

CUTS ONE-THIRD SIZE

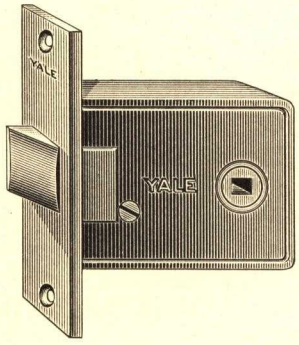


No. 1002G Series

Construction . Type L, see page 3.
Front . . . . Flat, 5 x 1 in.
Beveled, 5 x 1 in. Regular bevel, 1/8 in 2 in.
Rabbeted, 5 x 1 in.; 1/2 in. rabbet, beveled, 1/8 in 2 in.
Reversible . . Flat front for doors of either hand.
Beveled, and rabbeted, not reversible. Specify hand.
Case . . . . . 3 x 2 1/8 x 1 1/16 in. Japanned iron.
Strike . . . . Lip to center; flat, 1 1/8 in.; rabbeted, 1 in., see page 7.
Hub . . . . . Bronze, compensating, for 3/8 in. spindle.
Backset . . . Regular, 1 1/2 in.; special, 1 1/4, 1 3/4 and 2 in.
Packed . . . . 1/2 doz. in a box, with screws.

No. Flat Front	No. Rabbeted Front	Front and Bolt
1002G*	1002 1/2 G	Cast bronze

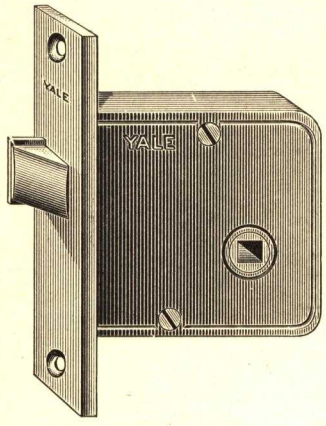
* Gun-spring hub.



No. 1000 Series

Construction . Type G, see page 3.
Front . . . . Flat, 4 3/4 x 1 1/8 in. Beveled, 4 3/4 x 1 1/8 in. Regular bevel, 1/8 in 2 in. Rabbeted, 4 3/4 x 1 1/8 in., 1/2 in. rabbet, beveled, 1/8 in 2 in.
Reversible . . For doors of either hand.
Case . . . . . Japanned iron, size as below.
Strike . . . . Lip to center; flat, 1 5/16 in.; rabbeted, 1 in., see page 7.
Latch Bolt . . Easy-spring, self-lubricating, see page XXVII.
Hub . . . . . Bronze, compensating, for 5/16 in. spindle.
Backset . . . Regular 2 1/4, 2 3/4 in., special 2 1/2 and 3 in.
Packed . . . . 1/2 doz. in a box, with screws.

No. Flat Front	No. Rabbeted Front	Backset	Case	Front and Bolt
1000M	1000 1/2 M	2 1/4 in.	2 1/2 x 3 x 1 1/16 in.	Cast bronze
1000	1000 1/2	2 3/4 "	2 1/2 x 3 1/2 x 1 1/16 "	" "



No. 1031 Series

Flanged Latch Bolt, not deadlocking

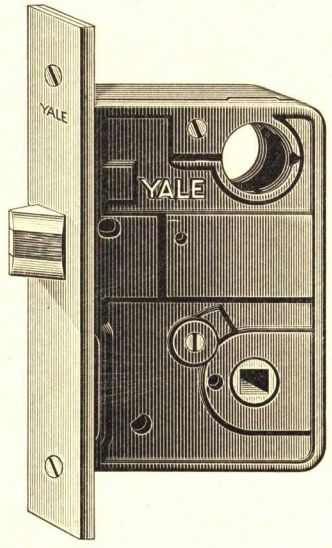
Construction . Type L, see page 3.
Front . . . . Flat, 6 x 1 1/4 in. Beveled, 6 x 1 1/4 in. Regular bevel, 1/8 in 2 in.
Not Reversible Specify hand.
Case . . . . . Japanned iron, size as below.
Strike . . . . Lip to center, 1 1/8 in., see page 7.
Latch Bolt . . Heavy, 1 x 7/8 in.; 3/4 in. throw, self-lubricating, see page XXVII.
Hub . . . . . Bronze, for 5/16 in. spindle.
Backset . . . See table below.
Packed . . . . Each in a box with screws.

No.	Backset	Case	Front and Bolt
1031	2 3/4 in.	3 1/2 x 3 3/4 x 1 1/16 in.	Cast bronze
1031W	3 1/4 "	3 1/2 x 4 1/4 x 1 1/16 "	" "

When ordering, give hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MORTISE KNOB LATCHES



Nos. 7000 and 8000 Series

No. 8000 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.

Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, ⅛ in 2 in. Not furnished with special bevel.

Reversible . . Flat front, for doors of either hand. Beveled and rabbeted, not reversible. Specify hand.

Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in., see page 7.

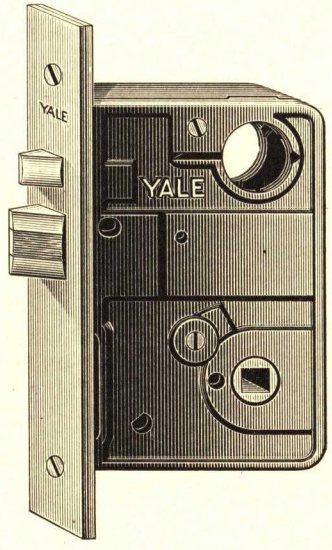
Hub . . . . . Bronze, compensating, for ⅜ in. spindle.

Latch Bolt . . Easy-spring, self-lubricating. See page XXVII.

Backset . . . No. 7000, regular, 2¾ in.; 2½ in. to order, at the same price.
No. 8000, 2¾ in. To special order, 2½ in.

Operation . . Latch bolt by knob from both sides.

No. with Front 8 x 1⅛ in.	No. with Front 8 x 1¼ in.	Front	Bolt
7000	8000	Bronze, flat	Bronze
7000½	8000½	" rabbeted	"



For complete description of rabbeted front, see page 6.

Nos. 7032 and 8032 Series

Automatic Deadlocking Bolt, ¾ in. Double Throw

No. 8032 Series are especially for Hollow Metal Door application. See page 5.

Construction . Type H, see page 3.

Front . . . . Flat, armored. Beveled and rabbeted, armored. Regular bevel, ⅛ in 2 in. Not furnished with special bevel.

Not Reversible Specify hand.

Case . . . . . 5¾ x 3⅞ x ¾ in. Japanned iron.

Strike . . . . Lip to center; flat, 1¼ in. See page 7.

Hub . . . . . Bronze, compensating, for ⅜ in. spindle.

Latch Bolt . . Double throw, easy-spring, self-lubricating. See page XXVII.

Backset . . . 2¾ in.

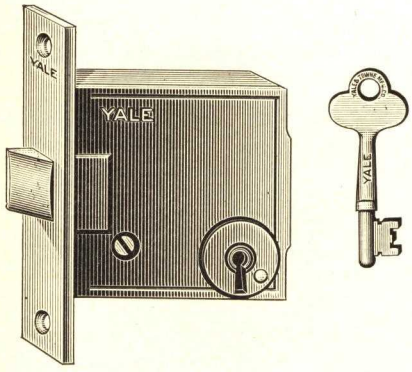
Operation . Latch bolt by knob from inside only. The trigger bolt automatically deadlocks the latch bolt and makes it proof against end pressure. The bolt has ½ in. throw when door is open; the action of closing the door causes the second throw to project, thus giving the bolt a throw of ¾ in. when door is closed. Suitable for doors to fire escapes.

No. with Front 8 x 1⅛ in.	No. with Front 8 x 1¼ in.	Front	Bolt
7032	8032	Bronze, flat	Bronze
7032½	8032½	" rabbeted	"

Packed: Each in a box, with screws.
When ordering, give thickness of door, hand when necessary and finish. For finishes, see page XXV.

ASYLUM LOCKS

CUTS ONE-THIRD SIZE

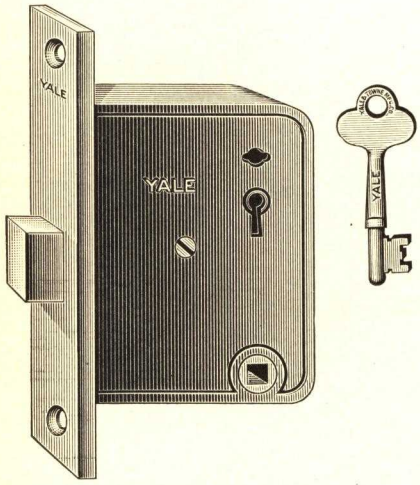


Nos. 1582 and 1584 Locks

Front . . . . No. 1582, flat, 5 x 1 in.
No. 1584, auxiliary protected, 5 x 1 3/8 x 7/8 in.
Reversible . . For doors of either hand.
For Doors . . No. 1584. Give thickness of door, so correct auxiliary front will be furnished.
Case . . . . . 3 1/4 x 3 1/2 x 5/8 in. Japanned iron.
Key . . . . . One, nickel plated steel, No. S55.
Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.
Backset . . . 2 3/4 in.
Operation . . By key from either side.

Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No.	Front	Front and Bolt
1582	Flat	Cast bronze
1584	Protected	" "

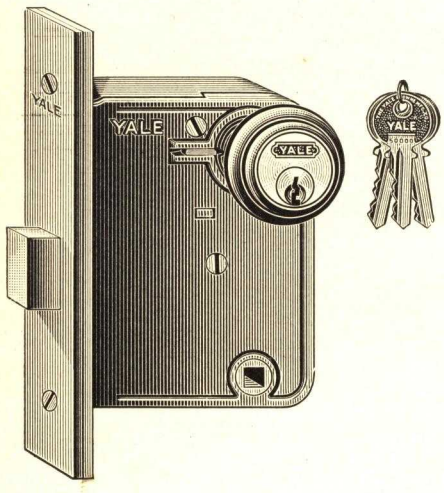


No. 1581 Lock

Front . . . . Flat, 6 7/8 x 1 1/8 in. Beveled, 6 7/8 x 1 1/8 in. Regular bevel, 1/8 in 2 in.
Reversible . . Flat front for doors of either hand. Beveled, not reversible. Specify hand.
Case . . . . . 4 5/8 x 3 3/4 x 3/4 in. Japanned iron.
Hub . . . . . Bronze, for 5/16 in. spindle.
Key . . . . . One, nickel plated steel, No. S55.
Tumblers . . . Three, 54 changes. When master-keyed, 1890 changes.
Backset . . . 2 3/4 in.
Spacing . . . 2 3/4 in.
Operation . . By knob from either or both sides; may be deadlocked by key from either side.

Master-keying: Can be master-keyed in sets with other Yale Locks using the same number key. See page XXXIII.

No.	Front and Bolt
1581	Cast bronze



No. 1591 Series

Front . . . . Flat, armored, 6 7/8 x 1 1/8 in. Beveled, armored, 6 7/8 x 1 1/8 in. Regular bevel, 1/8 in 2 in.
Reversible . . Flat front for doors of either hand. Beveled not reversible. Specify hand and thickness of door.
Case . . . . . 4 11/16 x 3 3/4 x 1 3/16 in. Japanned iron.
Hub . . . . . Bronze, for 5/16 in. spindle.
Cylinder . . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . . 2 3/4 in.
Spacing . . . 3 1/2 in.
Operation . . By knob from either or both sides, except when dead bolt is deadlocked by key. The bolt may be deadlocked in either the locked or unlocked position. Regular with cylinder on outside only (No. 1591), but can be supplied with cylinder on both sides (No. 1591 1/4), in which case knobs must be used on both sides of door.

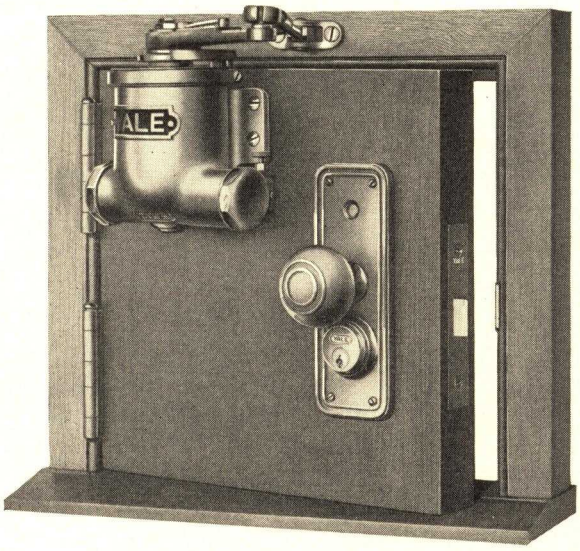
Master-keying: Can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.

No.	Front and Bolt	Cylinders
1591	Bronze	One
1591 1/4	"	Two

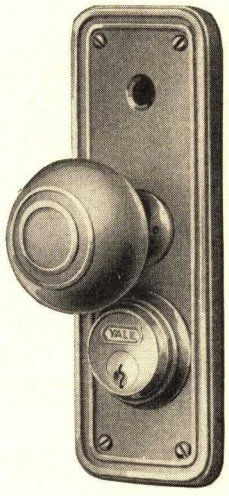
Packed: Each in a box, with screws.
When ordering, specify hand and thickness of door when necessary and finish. For finishes, see page XXV.

CYLINDER LOCK SETS

For Coupon Booth Doors



Yale Coupon Booth Sets consist of an outside knob and elongated escutcheon with an indicator and a knob and rose on the inside, and a mortise cylinder latch. A Yale Door Closer controls the door.



Outside Knob and Escutcheon, showing Indicator. "JW" Warwick Design.

Can also be furnished in designs as listed below:

No. 66 Latch with Trim and Y6 Indicator for Coupon Booth Doors

No. 66 latch, without stop work in front.
Escutcheon, knob and Y6 indicator for outside of door
Knob on outside is pinned fast, and is used only as a pull.
Knob and rose for inside of door.

Operation: From the inside by knob at all times; from outside by key only. The red and white discs in the outside escutcheon are operated by the inside knob. A white disc is shown when the booth is ready for use. The red disc is shown after the booth has been used, and serves as a signal to the attendant that the booth must be inspected and the white disc set, ready for the next occupant. The No. CB172 Coupon Booth Door Closer should be used with these sets. It will hold the door partly open, showing that the booth is unoccupied. When a customer enters or leaves the booth, the door will close and lock. No one can again enter the booth, until the attendant has unlocked the door and reset the closer.

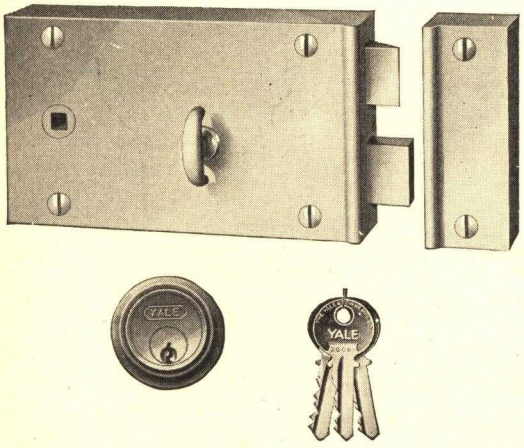
Set No.	Design	Latch*	Outside Trim					Inside Trim				
GN662	Newton	66	½ pr.	G34 knobs	x	GN86 escutcheon		½ pr.	D34 knobs	x	G222 rose	
GR662	Revere	66	½ "	G34 "	x	GR86 "		½ "	D34 "	x	G222 "	
GS662	Stonington	66	½ "	G34 "	x	GS86 "		½ "	D34 "	x	G222 "	
GT662	Trenton	66	½ "	G34 "	x	GT86 "		½ "	D34 "	x	G222 "	
JW662	Warwick	66	½ "	JW35 "	x	JW85 "		½ "	D34 "	x	G222 "	
NY662	Yuma	66	½ "	NY35 "	x	NY86 "		½ "	D34 "	x	G222 "	

* Without stop work in front.
The set numbers given above do not include the No. CB172 Door Closer, which must be specified on the order if wanted.
When ordering, give set number, name of design, thickness of door, and finish.
For finishes, see page XXV.

RIM KNOB LOCKS

Pin-Tumbler

CUTS ONE-THIRD SIZE

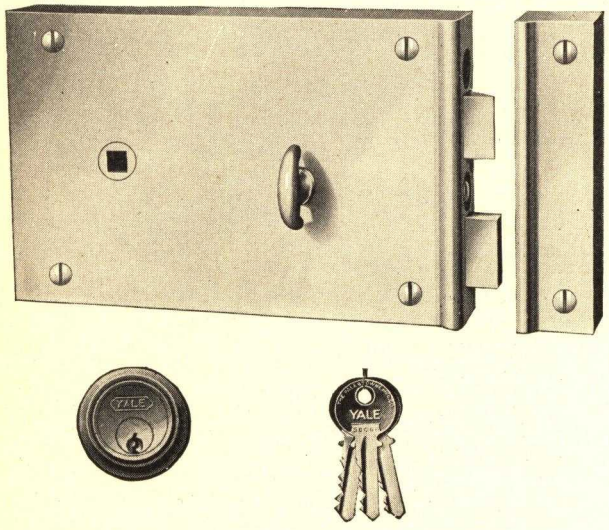


No. 5921 Lock

Case . . . . $3\frac{5}{8}$ x $6\frac{3}{8}$ x $1\frac{1}{4}$ in.
Hub . . . . Bronze, for $\frac{5}{16}$ in. spindle.
Cylinder . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . Cylinder, $2\frac{3}{4}$ in.; knob, $5\frac{3}{8}$ in.
Operation . Latch bolt by knob from both sides. Dead bolt by key from outside, by turn knob from inside.

Can be master-keyed as below.

No.	Case	Bolts
5921	Cast bronze or brass	Bronze

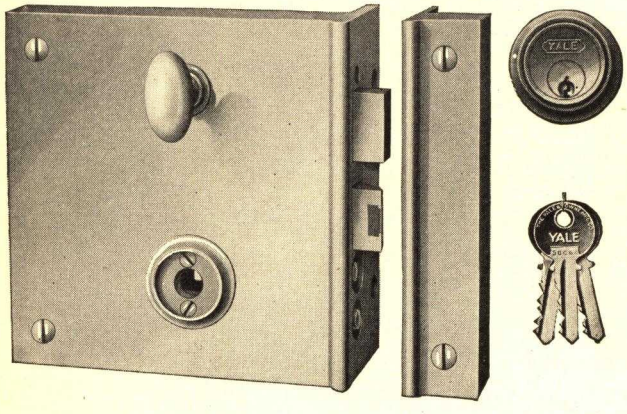


No. 5920 Lock

Case . . . . 5 x 8 x $1\frac{3}{16}$ in.
Hub . . . . Bronze for $\frac{5}{16}$ in. swivel spindle.
Cylinder . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . Cylinder, $2\frac{3}{4}$ in.; knob, 6 in.
Operation . Latch bolt by knob from both sides; outer knob may be set by stop. When outer knob is stopped, latch bolt is operated by key. Deadbolt by key from outside, by turn knob from inside.

Can be master-keyed as below.

No.	Case	Bolts
5920	Cast bronze or brass	Bronze



No. 5643 Lock

Case . . . 6 x 6 x $1\frac{1}{8}$ in.; $1\frac{1}{16}$ in. flange on case and strike.
Hub . . . . Bronze for $\frac{5}{16}$ in. swivel spindle.
Latch Bolt . Easy-spring, self-lubricating; see page XXVII.
Cylinder . . Bronze. Five pin-tumblers.
Keys . . . . Three, No. 8; changes, practically unlimited.
Backset . . $2\frac{3}{4}$ in.
Spacing . . Outside, $3\frac{1}{2}$ in.
Operation . Latch bolt by knob from both sides; outer knob may be set by stop. When outer knob is stopped, latch bolt is operated by key. Deadbolt by key from outside, by turn knob from inside.

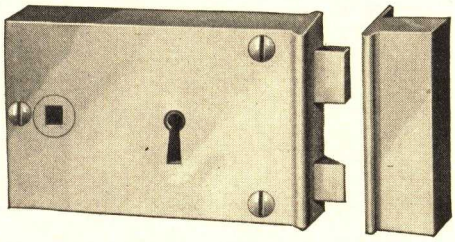
Can be master-keyed as below.

No.	Case	Bolts
5643	Cast bronze or brass	Bronze

The above locks can be master-keyed in sets as desired with other Yale Cylinder Locks using the No. 8 or No. 11 key.
Not reversible, specify hand when ordering. Thickness of door must be given.
Packed each in a box with screws.

CUTS ONE-THIRD SIZE

RIM KNOB LOCKS



Nos. 1947 and 5947 Locks

Case . . . . 3¼ x 5 3/16 x ¾ in., 1 3/16 in. flange on strike only.

Hub . . . . Bronze, for 5/16 in. spindle.

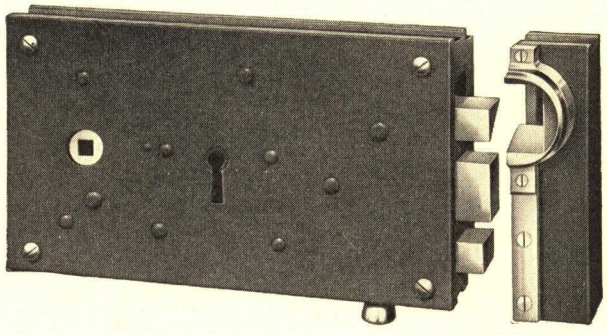
Key . . . . One bronze, No. B432. See page 83.

Backset . . Key, 2⅛ in.; knob, 4 3/16 in.

Operation . Latch bolt by knob from both sides. Dead bolt by key from either side.

Cannot be master-keyed.

No.	Case	Bolts	Tumbler	Changes
1947	Cast iron, dead black	Bronze	One	12
5947	Cast bronze or brass	"	"	12



No. 1944 Lock

Case . . . . 4½ x 7 13/16 x 1 in., 9/16 in. flange on case and strike.

Hub . . . . Bronze, for 5/16 in. spindle.

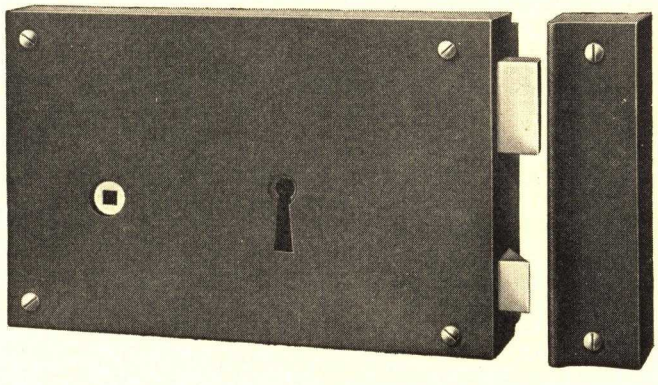
Key . . . . One bronze, No. B659. See page 83.

Backset . . Key, 4 1/16 in.; knob, 6½ in.

Operation . Latch bolt by knob from both sides. Dead bolt by key from either side. Slide bolt by thumb piece from inside.

Cannot be master-keyed.

No.	Case	Bolts	Tumbler	Changes
1944	Cast iron, dead black	Bronze	One	4



No. 1938 Lock

Case . . . . 5⅝ x 8¾ x 1 5/16 in.; ½ in. flange on case only.

Hub . . . . Bronze, for 5/16 in. spindle.

Key . . . . One bronze, No. B658. See page 83.

Backset . . Key, 3 1 1/16 in.; knob, 7 in.

Operation . Latch bolt by knob from both sides. Dead bolt by key from either side.

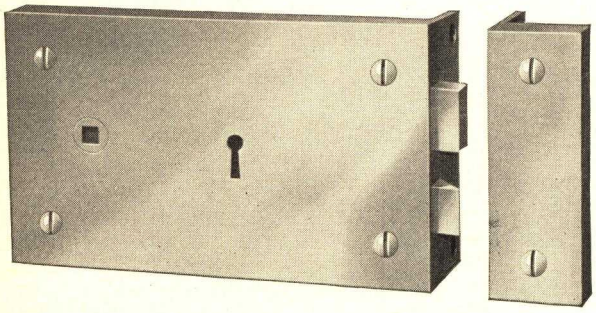
Cannot be master-keyed.

No.	Case	Bolts	Tumbler	Changes
1938	Cast iron, dead black	Iron	One	Alike

Give thickness of doors. Locks with key as listed are suitable for doors up to 1¾ in. thick.
Not reversible, specify hand when ordering.
Packed each in a box with screws.

RIM KNOB LOCKS

CUTS ONE-THIRD SIZE



Nos. 1934 and 5934 Locks

Case . . . . 4¼ x 7¼ x ⅞ in.; 1 in. flange on case and 1¼ in. on strike.

Hub . . . Bronze, for 5/16 in. spindle.

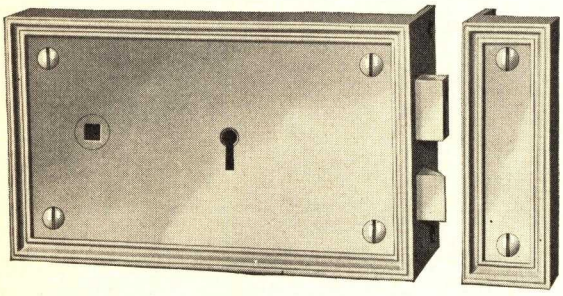
Key . . . . One, bronze, No. B432. See page 83.

Backset . . Key, 3¼ in.; knob, 5¾ in.

Operation . Latch bolt by knob from both sides. Dead bolt by key from either side.

Cannot be master-keyed.

No.	Case	Bolts	Tumblers	Changes
1934	Cast iron, dead black	Bronze	Three	21
5934	Cast bronze or brass	"	"	21



No. 5935 Lock

Case . . . . 4¼ x 7¼ x 1 1/16 in.; 1 in. flange on case and 1¼ in. on strike.

Hub . . . . Bronze, for 5/16 in. spindle.

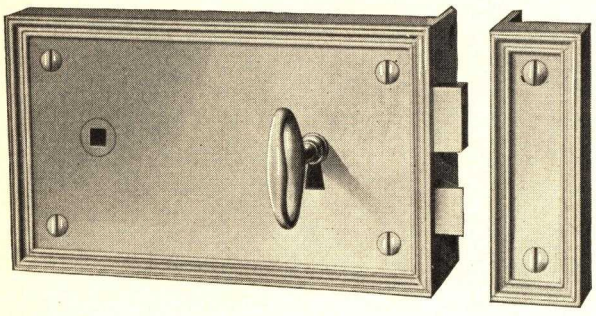
Key . . . . One, bronze, No. B432. See page 83.

Backset . . Key, 3¼ in.; knob, 5¾ in.

Operation . Latch bolt by knob from both sides. Dead bolt by key from either side.

Cannot be master-keyed.

No.	Case	Bolts	Tumblers	Changes
5935	Cast bronze or brass	Bronze	Three	21



No. 5936 Lock

Case . . . . 4¼ x 7¼ x 1 1/16 in.; 1 in. flange on case and 1¼ in. on strike.

Hub . . . Bronze, for 5/16 in. spindle.

Key . . . . One, bronze, No. B651. See page 83.

Backset . . Key, outside, 3¼ in.; inside 2 in. Knob, 5¾ in.

Operation . Latch bolt by knob, from both sides. Dead bolt by key from outside, by turn knob in form of key from inside. The inside key cannot be removed.

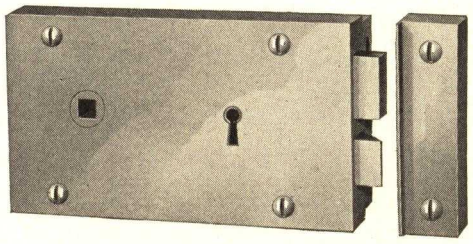
Cannot be master-keyed.

No.	Case	Bolts	Tumbler	Changes
5936	Cast bronze or brass	Bronze	One	3

Give thickness of doors. Locks with key as listed are suitable for doors up to 1¾ in. thick.
Not reversible, specify hand when ordering.
Packed each in a box with screws.

RIM KNOB LOCKS

CUTS ONE-THIRD SIZE

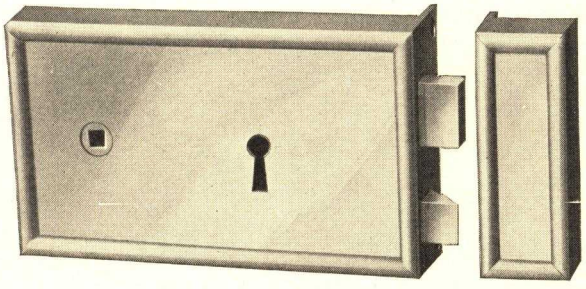


Nos. 1942 and 5943 Locks

Case . . . 3⅜ x 6 x ¾ in.; ¾ in. flange on case only.
Hub . . . Bronze, for 5/16 in. spindle.
Key . . . . One, bronze, No. B655. See page 83.
Backset . . Key, 2 in.; knob, 4½ in.
Operation . Latch bolt by knob from both sides. Dead bolt by key from either side.

Master-keying No. 5943 only, can be master-keyed.

No.	Case	Bolts	Tumblers	Changes
1942	Cast iron, dead black	Bronze	One	8
5943	Cast bronze or brass	"	Three	54

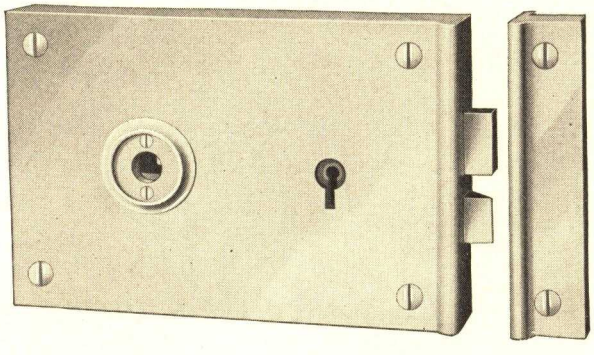


No. 5932 Lock

Case . . . 4 x 6⅞ x 1 1/16 in., 9/16 in. flange on case and strike.
Hub . . . Bronze, for 5/16 in. spindle.
Key . . . . One, bronze, No. B657. See page 83.
Backset . . Key, 2 9/16 in.; knob 5⅜ in.
Operation . Latch bolt by knob from both sides. Dead bolt by key from either side.

Cannot be master-keyed.

No.	Case	Bolts	Tumblers	Changes
5932	Cast bronze or brass	Bronze	Two	8



No. 5460 Lock

Case . . . 5 x 7½ x 1⅛ in.; ⅞ in. flange on strike only.
Hub . . . Bronze, for 5/16 in. spindle.
Key . . . . One, bronze, No. B656. See page 83.
Backset . . Key, 2 1/16 in.; knob, 5 1/16 in.
Operation . Latch bolt by knob from both sides. Dead bolt by key from either side.

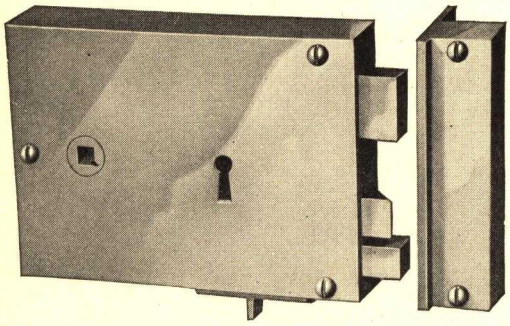
Master-keying: Can be master-keyed.

No.	Case	Bolts	Tumblers	Changes
5460	Cast bronze or brass	Bronze	Three	54

Give thickness of doors. Locks with key as listed are suitable for doors up to 1¾ in. thick.
Not reversible, specify hand when ordering.
Packed each in a box with screws.

RIM KNOB LOCKS

CUTS ONE-THIRD SIZE



No. 5939 Lock

Case . . . . $4\frac{3}{8}$ x 6 x $1\frac{1}{16}$ in.; $1\frac{1}{8}$ in. flange on strike only.

Hub . . . . Bronze, for $\frac{5}{16}$ in. spindle.

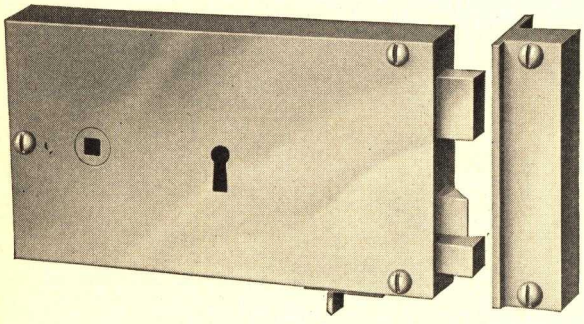
Key . . . . One, bronze, No. B653. See page 83.

Backset . . Key, $2\frac{1}{4}$ in.; knob, $4\frac{5}{8}$ in.

Operation . Latch bolt by knob from both sides.
Dead bolt by key from either side.
Slide bolt by thumbpiece from inside.

Cannot be master-keyed.

No.	Case	Bolts	Tumblers	Changes
5939	Cast bronze or brass	Bronze	Three	21



Nos. 1940 and 5940 Locks

Case . . . . $4\frac{3}{8}$ x $7\frac{13}{16}$ x $1\frac{1}{16}$ in.; $1\frac{1}{8}$ in. flange on strike only.

Hub . . . Bronze, for $\frac{5}{16}$ in. spindle.

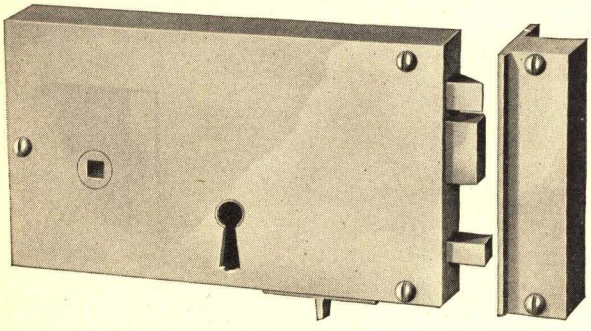
Key . . . . One, bronze, No. B652. See page 83.

Backset . . Key, $3\frac{3}{4}$ in.; knob, $6\frac{1}{8}$ in.

Operation . Latch bolt by knob from both sides.
Dead bolt by key from either side.
Slide bolt by thumbpiece from inside.

Cannot be master-keyed.

No.	Case	Bolts	Tumblers	Changes
1940	Cast iron, dead black	Bronze	Two	21
5940	Cast bronze or brass	"	"	21



Nos. 1941 and 5941 Locks

Case . . . $4\frac{3}{8}$ x $7\frac{3}{4}$ x $1\frac{1}{16}$ in.; $1\frac{1}{8}$ in. flange on strike only.

Hub . . . Bronze, for $\frac{5}{16}$ in. spindle.

Key . . . . One, bronze, No. B654. See page 83.

Backset . . Key, $3\frac{5}{8}$ in.; knob, 6 in.

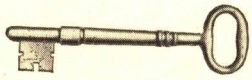
Operation . Latch bolt by knob from both sides.
Dead bolt by key from either side.
Dead bolt has double throw.
Slide bolt by thumb piece from inside

Cannot be master-keyed.

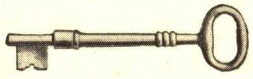
No.	Case	Bolts	Tumbler	Changes
1941	Cast iron, dead black	Bronze	One	Alike
5941	Cast bronze or brass	"	"	"

Give thickness of doors. Locks with key as listed are suitable for doors up to $1\frac{3}{4}$ in. thick.
Not reversible, specify hand when ordering.
Packed each in a box with screws.

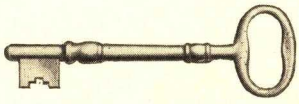
KEYS FOR RIM KNOB LOCKS



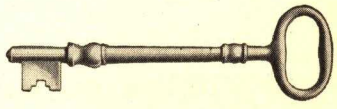
No. B432 key
For Nos. 1947, 5947, 1934
5934 and 5935 locks



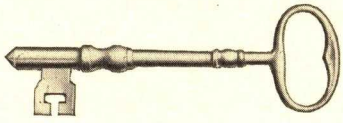
No. B651 key
For No. 5936 lock



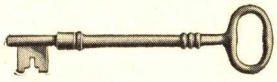
No. B652 key
For Nos. 1940 and 5940 locks



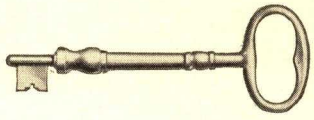
No. B653 key
For No. 5939 lock



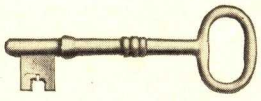
No. B654 key
For Nos. 1941 and 5941 locks



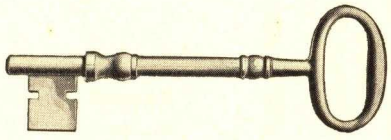
No. B655 key
For Nos. 1942 and 5943 locks



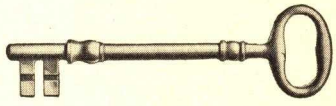
No. B656 key
For No. 5460 lock



No. B657 key
For No. 5932 lock



No. B658 key
For No. 1938 lock



No. B659 key
For No. 1944 lock

Information Regarding Rim Knob Locks

Nos. 5932, 5935 and 5936 locks can be supplied with other types of moulding to special order and at an extra price.

All locks (except Nos. 1938 and 1944) when wanted for double doors, can be supplied with a dummy case to act as a strike. Prices on application.

Locks Nos. 1942, 5920, 5921 and 5943 can be furnished with a slide bolt at an extra price. Concealed screws for the case are then necessary.

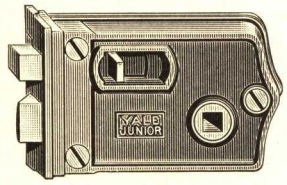
All locks except No. 1938 can be made with concealed attaching screws to special order at an extra price.

The keys will be finished AZ10 when the inside trim is a brass finish and BZ10 for a bronze finish.

Nos. 630¼, 1460, 1465 and 2736 series of horizontal mortise locks listed in this catalog are suitable to use on the same job with colonial rim locks, as the trim can be arranged to match.

RIM KNOB LATCHES AND DEADLOCKS

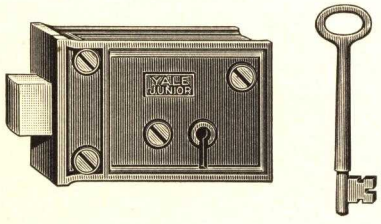
CUTS ONE-THIRD SIZE



No. 203 Latch

Case . . . . . 2½ x 3⅝ x ⅝ in. Japanned iron.
Reversible . . For doors opening in, of either hand.
For doors opening out (reverse bevel), to order only.
Hub . . . . Iron, for 5/16 in. spindle.
Backset . . 2⅝ in.
Operation . . By knob from both sides. Slide bolt by thumb-slide from inside.
Packed . . . ½ doz. in a box, with screws.

No.	Bolts
203	Iron

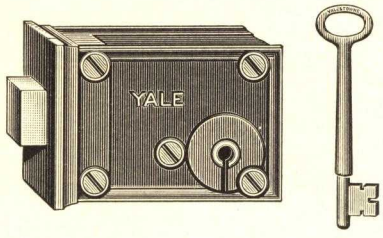


Nos. 358 and 363 Deadlocks

Case . . . . . No. 358, 2 x 2¾ x ⅝ in.; No. 363, 2¼ x 3⅜ x ⅝ in. Japanned iron.
Reversible . . For doors of either hand.
Key . . . . . One nickel plated mall. iron, No. 507.
Backset . . No. 358, 2⅛ in.; No. 363, 2⅜ in.
Packed . . . ½ doz. in a box, with screws and key plates.

No.	Bolt	Tumbler	Changes
358	Iron	One	4
363	"	"	4

Not master-keyed.

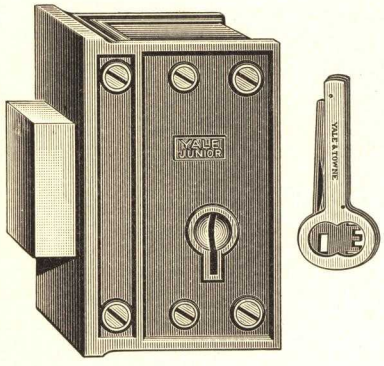


Nos. 350 and 351 Deadlocks

Case . . . . . 2½ x 3½ x ⅞ in. Japanned iron.
Reversible . . For doors of either hand.
Key . . . One, nickel plated steel, No. S245.
Backset . . 2⅝ in.
Packed . . . ½ doz. in a box, with screws and key plates.

No.	Bolt	Tumblers	Changes
350	Bronze	Three	36
351	"	One	24

Master-keyed No. 350 in one set of 36 locks all different with a master-key to pass all locks or in sets, not exceeding this quantity, with other locks using master-keys from No. S245 blank.



No. 391 Deadlock

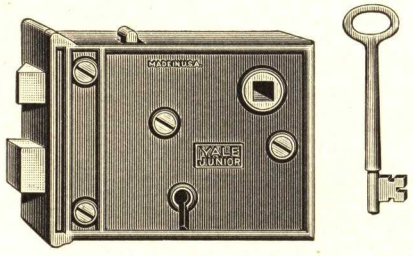
Case . . . . . 5 x 3⅛ x 1 in. Japanned iron.
Reversible . . For doors of either hand.
Keys . . . . Two nickel plated steel folding, No. 288.
Backset . . 2 in.
Packed . . . Each in a box, with screws and key plate.

No.	Bolt	Tumbler	Changes
391	Iron	One	12

Not master-keyed.

CUTS ONE-THIRD SIZE

RIM KNOB LOCKS

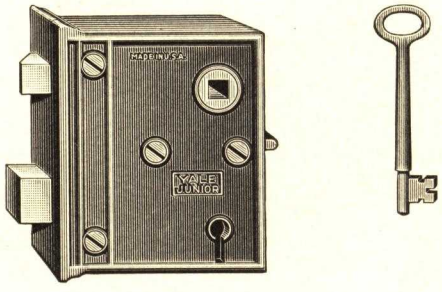


No. 902 Lock

Case . . . . 3¼ x 4 x ¾ in. Japanned iron.
Reversible . . For doors opening in, of either hand.
For doors opening out (reverse bevel), to order only.
Hub . . . . Iron, for 5/16 in. spindle.
Key . . . . One nickel plated mall. iron, No. 507.
Backset . . Key, 2 in.; knob, 3¼ in.
Packed . . . ½ doz. in a box, with screws and key plates.

No.	Bolts	Tumbler	Changes
902	Iron	One	4

Not master-keyed.

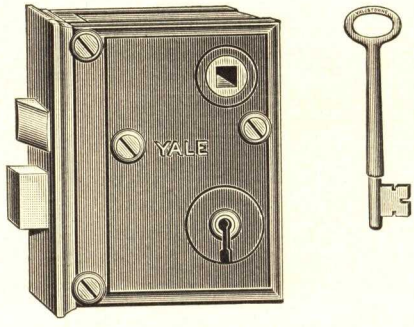


No. 952 Lock

Case . . . . 4 x 3¼ x ¾ in. Japanned iron.
Reversible . . For doors opening in, of either hand.
For doors opening out (reverse bevel), to order only.
Hub . . . . Iron, for 5/16 in. spindle.
Key . . . . One nickel plated mall. iron, No. 507.
Backset . . 2½ in.
Spacing . . 2¼ in.
Packed . . . ½ doz. in a box, with screws and key plates.

No.	Bolts	Tumbler	Changes
952	Iron	One	4

Not master-keyed.

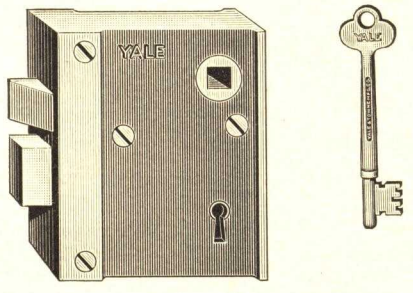


No. 970 Lock

Case . . . . 4¼ x 3½ x ¾ in. Japanned iron.
Reversible . . For doors opening in, of either hand.
For doors opening out (reverse bevel) to order only.
Hub . . . . Bronze, for 5/16 in. spindle.
Key . . . . One, nickel plated steel, No. S245.
Backset . . 2⅝ in.
Spacing . . 2¼ in.
Packed . . . ½ doz. in a box, with screws and key plates.

No.	Bolts	Tumblers	Changes
970	Bronze	Three	36

Master-keyed in one set of 240 locks all different with a master-key to pass all locks, or in sets with other locks using change-keys from No. S51 blank and master-keys from No. S51½ blank.



Nos. 5975 and 5976 Locks

Cast Bronze or Brass
For Ship Use or Around Salt Water

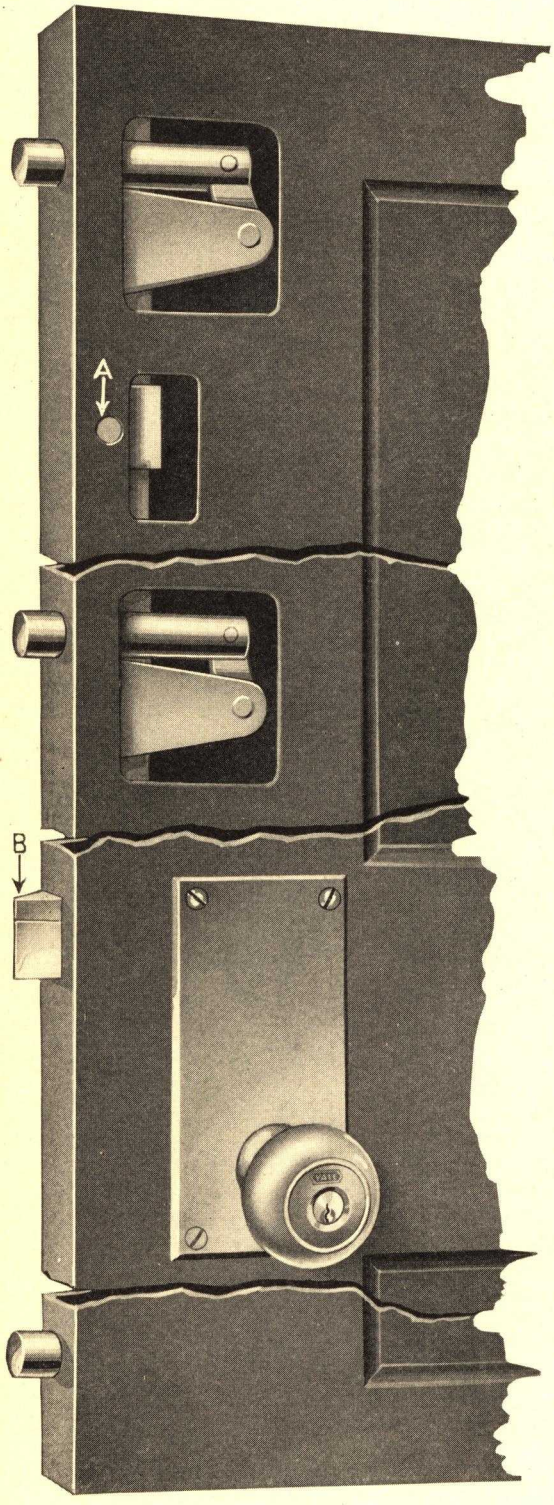
Case . . . . 4 x 3⅜ x 1 3/16 in. Cast bronze or brass.
Reversible . . For doors opening in, of either hand.
For doors opening out (reverse bevel), to order only.
Hub . . . . Bronze, for 5/16 in. spindle.
Key . . . . One bronze, No. B51.
Backset . . 2⅝ in
Spacing . . 2 3/16 in
Packed . . . ½ doz. in a box, with screws and key plates.

No.	Bolts	Tumblers	Changes
5975	Bronze	Three	54
5976	"	One	24

Master-keying: The No. 5975 lock can be master-keyed in one set of 1890 locks, all different, with a master-key to pass all locks; or in sets as desired and with other locks using master-key from No. S51 blank.

FIRE DOOR LOCKS

Approved by the Underwriters' Laboratories



For use on Hollow Metal and Kalamein doors, provided the lock stile is hollow

No. GN120 is made up of two separate units, one consisting of the auxiliary 3-point bolt work which is assembled on a plate 1⅜ in. wide and is installed while the door is being built; the bolts are of steel, ¾ in. in diameter and with ¾ in. throw. The other unit is the lock mechanism which is built up on one of the escutcheon plates.

In applying the lock this plate is first secured to the door and the latch bolt inserted through bolt hole in edge of door and adjusted to its correct position in lock. The other plate and knob are then secured to the door by means of steel machine screws engaging the opposite plate.

The latch bolt and the three auxiliary steel bolts are automatically released by plunger (A) located near edge of door, impinging against door stop or bead. These bolts, when released, shoot into the jamb each time door is closed, thus holding door securely at three points, independently of the latch bolt, and preventing its warping away from jamb in case of fire. When door is opened from either side by turning knob, the latch bolt and the three auxiliary bolts are withdrawn and automatically held in retracted position until door is closed, thus allowing the door to close to the locked position without resistance.

No. GN121. Same as No. GN120, except that the three-auxiliary bolt device is omitted.

No. GN123. Same as No. GN120 except that stop-work and deadlocking bolt are omitted. This is accomplished by using knobs without cylinder on both sides of the lock, and furnishing a solid hub. This gives a knob latch operation, i.e., lock operated from both sides at all times by knob.

No. GN127. For use on the standing leaf of a pair of doors. This lock has but two auxiliary bolts, one projecting from the top, and the other from the bottom, of the door. The knob action is identical with that of No. GN123, except that the latch bolt is omitted, the knobs being used simply for operating the two-point bolt mechanism. A stop bracket is added to the bolt mechanism in order to prevent the retraction of the two auxiliary bolts until after the bolt work in the swinging leaf has been retracted. In order to eliminate the possibility of the swinging leaf closing before the standing leaf, in case both doors are opened, a controller (No. 1943) is furnished with this lock which prevents the swinging leaf from closing until the standing leaf has swung into position.

Latch Bolt, Bronze, 1⅜ x 1 in., ¾ in. throw.

Keys, three, No. 8; changes, practically unlimited.

Cylinder, bronze. Five pin-tumblers.

For Doors, 1 9/16 and 1¾ in. thick. Other thicknesses to order, and at an additional price. Cannot be used on doors less than 1 9/16 in. thick.

Trim, to preclude the possibility of fire penetrating the door by reason of the possible fusing of the trim, the latter is composed of one cast iron (bronze veneered) escutcheon plate with steel knob thimble and one bronze-covered steel knob with steel shank on one side, and one bronze escutcheon plate and knob on the other.

Operation: No. GN120. From inside by knob at all times; from outside by knob except when stopped by key in outside knob. Latch bolt is provided with deadlocking feature (B) which automatically deadlocks it when the door is closed.

(For operation of the other numbers, see description above.)

No.	Backset	Knobs	Plates
GN120 to GN127	3¼ in.	2½ in. dia.	6¾ x 3 in.

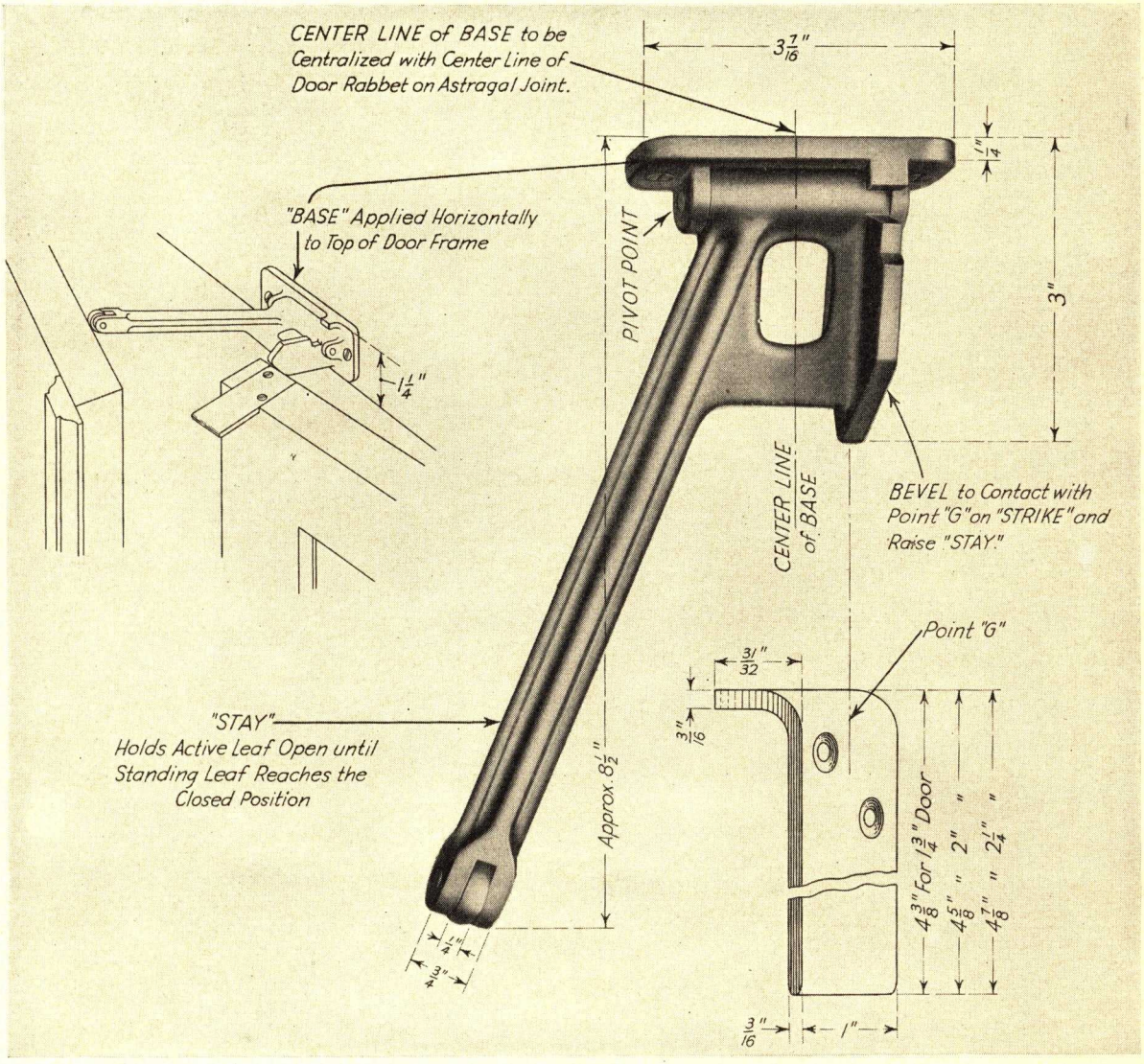
The minimum width of stile on which these locks can be used is 4⅞ in.

Master-keyed, same as other cylinder locks.

When ordering, give list number, thickness, height and hand of door, detail of jamb, and finish. For finishes, see page XXV.

CO-ORDINATING DEVICE

For Controlling Double Doors



No. 1943 Co-ordinating Device

This device is regularly furnished with the No. GN127 double door fire door lock listed on page 86.

The No. 1943 controller is applied to the head of the door frame above the meeting point of the two doors. This controller prevents the active door from closing before the standing leaf is entirely closed and ready to receive the bolts of the device on the active door.

The use of the No. 1943 controller is not limited to pairs of doors which have fire door locks, but it can be used wherever it is necessary or desired that the inactive door be closed first, as on a pair of doors equipped with anti-panic exit devices. Pairs of doors so equipped should have a Yale Door Closer upon each leaf of the pair to assure the positive silent closing of the opening after it has been used as an exit.

The No. 1943 controller is made of malleable iron. The strike which is applied to the top of the door, is of cast bronze in several lengths to suit the thickness of the door.

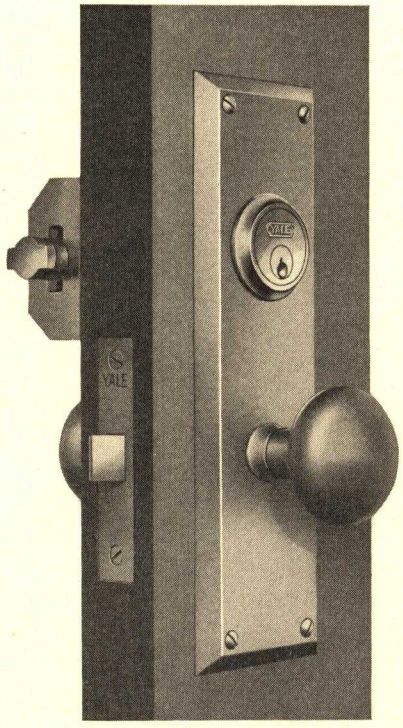
This device is regularly made to template with machine screws for the door frame base plate and wood screws for the strike. Machine screws for the strike or wood screws for the door frame base plate of the stay arm can be supplied to order.

Regularly furnished in gold bronze or brown lacquer over cadmium plate.

When ordering give thickness of door and finish wanted.

CUTS ONE-THIRD SIZE

MORTISE-RIM LOCK SETS



No. DU192230 Set



Master-keying: These locks can be master-keyed in one set of any number of changes usually required, all different, with a master-key to pass all locks; or in any number of sets required, each set having any number of changes, all changes different, with master-key to pass the locks in each set, and a grand master-key to pass all the locks. Can be master-keyed with any other locks using the same type of cylinder.

For further information concerning master-keyed locks, see page XXXIII.

Mortise-Rim Lock Sets

Sets consist of one deadlatch or deadlock as described below, with one No. 1023 mortise knob latch, one pair knobs, one large escutcheon for the outside and one rose for the inside.

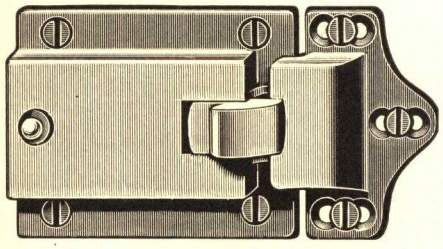
Deadlatch or Deadlock No.	Set Nos. Athenian	Set Nos. Derbian	Set Nos. Torian
042	CA042230	CD042230	DT042230
42	CA42230	CD42230	DT42230
44	CA44230	CD44230	DT44230
192	CA192230	CD192230	DT192230
10	CA10230	CD10230	DT10230

Deadlatch or Deadlock No.	Set Nos. Utopian	Set Nos. Vernian	Set Nos. Zenobian
042	DU042230	CV042230	CZ042230
42	DU42230	CV42230	CZ42230
44	DU44230	CV44230	CZ44230
192	DU192230	CV192230	CZ192230
10	DU10230	CV10230	CZ10230

When ordering, give set number, name of design and finish.
For finishes, see page XXV.

CYLINDER RIM GARAGE LOCKS

CUTS ONE-THIRD SIZE





Lock with Strike for Pair of Hinged Doors, Regularly Furnished

No. J206 Rim Garage Lock

For Garage or Stable hinged doors

Case . . . . 3½ x 4 5/16 x 1⅜ in.

Cylinder . . Brass, No. 1109. Five pin-tumblers.

Bolt . . . . Iron, hinged and self-latching.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . 3 in.

For Doors . 1⅜ to 3¼ in. thick, either right or left hand.

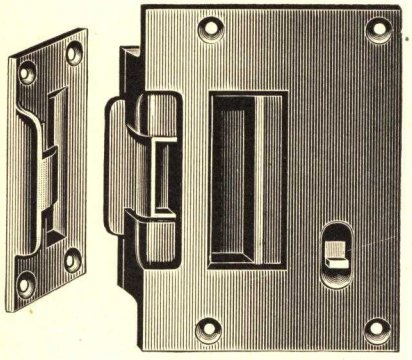
Strike . . . . Regular with strike for pair of hinged doors, but can be furnished to special order with strike for single door.

Operation . By key from outside and thumb latch inside. Bolt may be held back by stop.

Packed . . . Each in a box, with screws and strike.

The self-latching hinged latch bolt will not stick or bind, as the strike has a broad latching surface, to allow for the sagging of either door. The screw holes in the strike are slotted to permit adjustment in case the door shrinks.

No.	Case	Stop Knob
J206	Iron, japanned	Brass





No. J207 Half Mortise Garage Lock

For Sliding Doors

Case . . . . 5⅜ x 4 in.

Cylinder . . Brass, No. 1109, Five pin-tumblers.

Bolt . . . . Malleable iron, self-latching.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . 2⅞ in.

For Doors . . For sliding doors, 1½ to 3 in. thick.

Strike . . . . Malleable iron.

Operation . . By key from outside and lever inside. Bolt may be held back by stop.

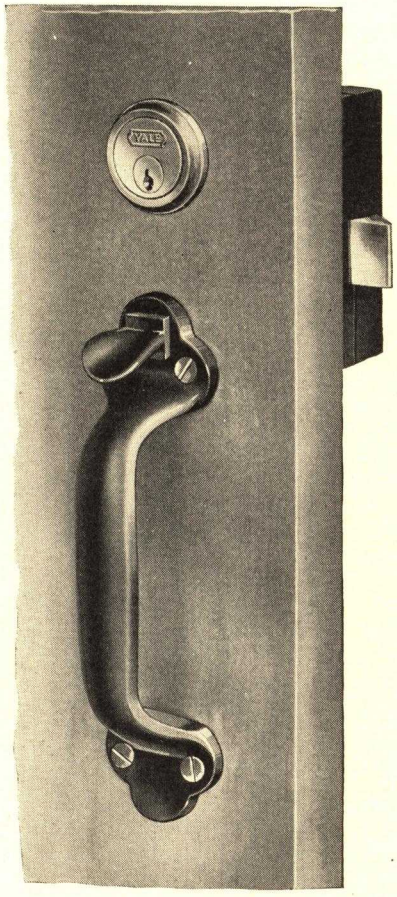
Packed . . . Each in a box, with screws and strike.

No.	Case	Strike
J207	Iron, japanned	Malleable iron

Master-Keying: These locks can be master-keyed with other locks using the same number key. See page XXXIII.

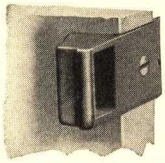
RIM GARAGE SETS

Also Suitable for
Factory, Mill, Warehouse and Store Doors

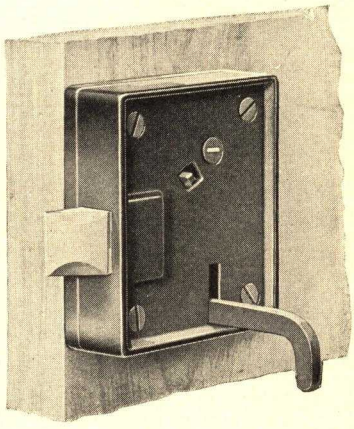


No. J205
Outside of Door





Universal Strike



Inside of Door

Lock Case . . 4½ x 3⅞ x 1 3/16 in. Japanned iron.

Thumb-piece Malleable iron.

Reversible . . For doors of either hand.

Backset . . 2½ in.

Latch Bolt . . Cast brass, extra heavy, easy spring, ¾ in. throw.

Cylinder . . No. 1109. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Operation . . By thumb-piece from both sides when not deadlocked. Latch bolt and thumb-piece can be deadlocked by key from outside or by thumb slide from inside, making latch bolt proof against end pressure, thus giving the security of a dead bolt.

Set No. J205 can also be furnished with a cast brass or bronze handle on the outside. Nos. TM1534, PN2534 or other handles using Nos. 234, 260 or 270 grips are suitable.

When ordering No. J205 set complete with brass or bronze handle, the order should read: "J205 set with TM1534 handle," or whatever handle is desired. If handles only are wanted, for association with No. J205 set, specify list number of handle, by No. 205 thumb-piece.

Set No.	Size of Handle	Handle	Cylinder
J205	8½ x 2¼ in.	Cast iron, japanned	Brass

Master-Keying: These locks can be master-keyed with other locks using the same number key. See page XXXIII.

MONO-LOCK SETS

The application of the regular mortise lock set involves considerable work and skill in cutting the door and assembling the lock and its trim. The adjustment of the parts, even if perfect at first, may be disturbed by shrinkage or swelling of the wood. All these difficulties are eliminated in the construction of the Yale Mono-lock Set.

The Yale Mono-lock Set, which includes the lock and trim complete, is a metallic unit. The carpenter has only to make a cut in the edge of the door in order to apply the lock as a single piece and to attach it permanently in place. The lock and its trim, assembled complete by the lock maker, go on the door in the condition in which they left the factory; and are not affected by the shrinking or swelling of the doors.

The simple and substantial mechanism is contained within a closed case of cast metal and is fully protected against dirt and disturbance, both in transit and in use.

The case is attached to the bronze front, which is integral with the outside escutcheon plate. The inside escutcheon plate, carrying the inside knob, is similar to the outside plate, but is separated from the front, with which, however, it is adjustably interlocked. The bolt is of the hinged type, giving a very smooth and quiet action in closing.

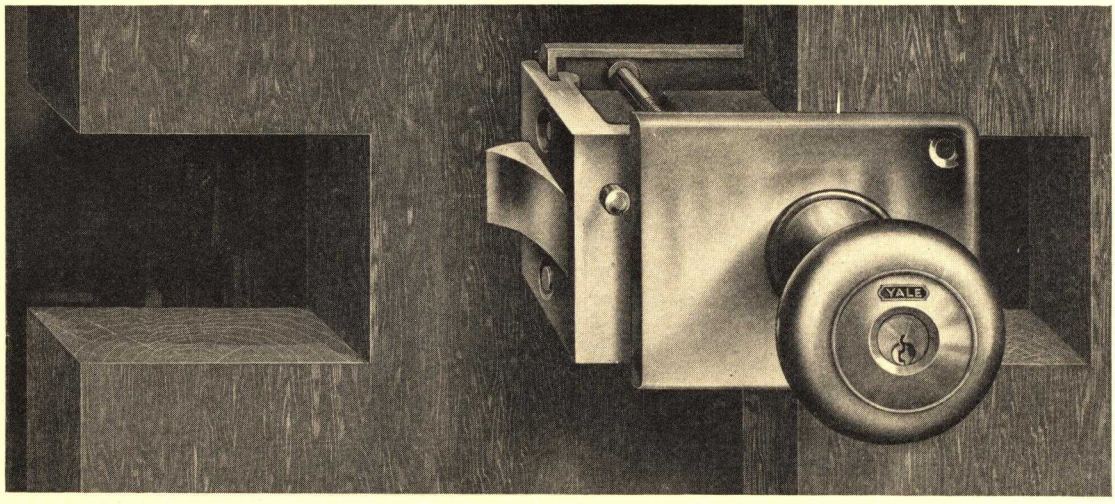


Fig. 1. The rectangular cut made to receive the lock

Fig. 2. Applying the lock without separation of its parts

The construction and relationship of these several parts are clearly shown in the illustrations above and on the following pages.

To apply the lock the carpenter has only to make a rectangular cut in the edge of the door, the exact height of the lock front, (Fig. 1), where, after slightly loosening the two machine screws, he can apply the lock and its trim complete, without separating or disturbing its parts (Fig. 2). See page 93 for dimensions of cut in door. All that remains to be done is to tighten the two machine screws which clamp the lock to the door, insert the wood screws, and the lock is ready for service.

An admirable feature in the Yale Mono-lock is that the lock, with the standard backset of 2¾ inches, requires a cut in the door of only 3½ inches. This means that the lock with plain trim can be used on a stile as narrow as 4¼ inches.

MONO-LOCK SETS

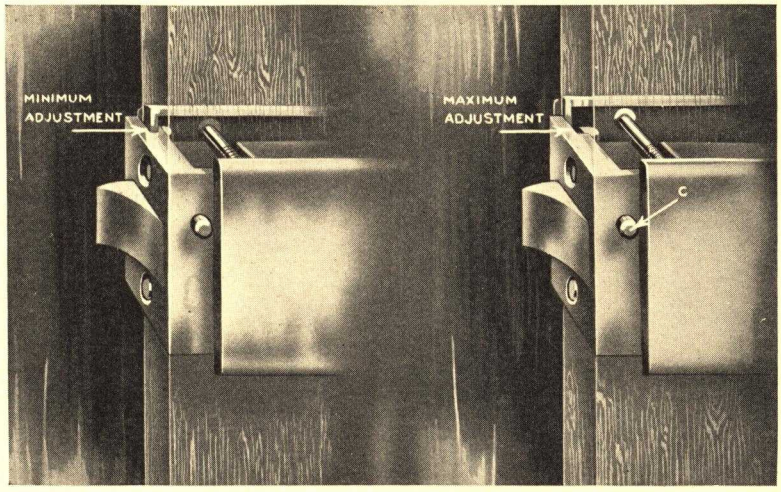


Fig. 3 Fig. 4

Showing adjustable interlocking feature and the manner in which the machine screws are utilized to clamp the lock structure firmly to the door

Another excellent detail is the interlocking of the lock front and inside escutcheon plate in the manner shown by Figs. 3 and 4, whereby moderate adjustability to varying thicknesses of doors is obtained without breaking the continuity of the metallic construction. In this way all sharp corners by which the hand or clothing might be caught or injured are avoided.

Figs. 3 and 4 also show how the machine screws clamp the lock structure firmly to the door and are inaccessible from the outside of the door. In all of the Yale Mono-locks the bolt is of the hinged type illustrated above.

The spring plunger C (Fig. 4) is automatically pushed in when the door is closed, and in this position causes the bolt to be deadlocked so that it cannot be retracted by pressure on its end. In this way, and by means of a single heavy bolt, the convenience of a latch bolt and safety of a dead bolt are obtained without enlarging the lock.

When stop-work is used, the stops or push buttons are located in the front of the lock, and these also are dogged by the spring plunger C so that they cannot be operated when the door is closed.

The outside knob carries the cylinder which contains the pin-tumbler key mechanism. This cylinder can be master-keyed with any other cylinder lock using the Standard Yale Cylinder.

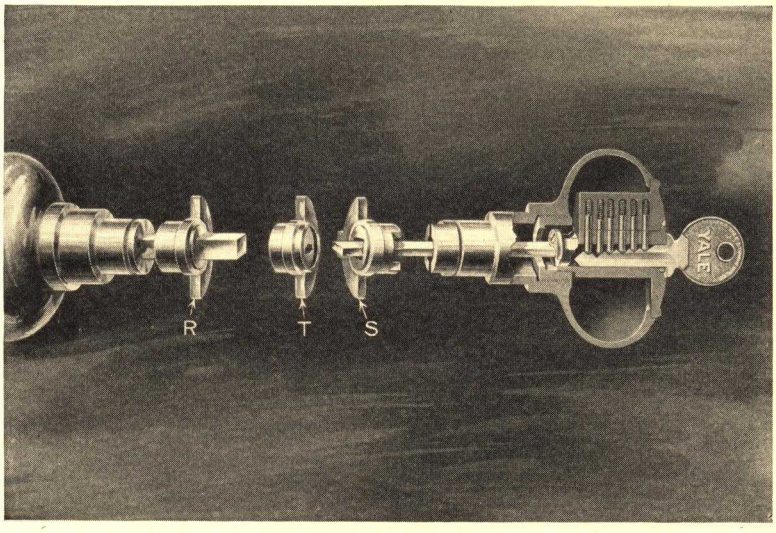


Fig. 5

Sectional view of knob with cylinder, showing the three cams (R, T and S), any one of which operates the bolt. The various parts are shown on the same axial line as in use but separated to show each distinctly

The means by which the knobs and the cylinder are enabled to actuate the bolt are illustrated by Fig. 5.

The center cam T can be rotated only by means of the key acting on the flat connecting bar which projects from the rear of the cylinder in the outside knob, and passes through cam S to engage with cam T. The outside knob engages with cam S, and the inside knob with cam R, the rotations of either knob causing its cam to actuate the bolt.

MONO-LOCK SETS

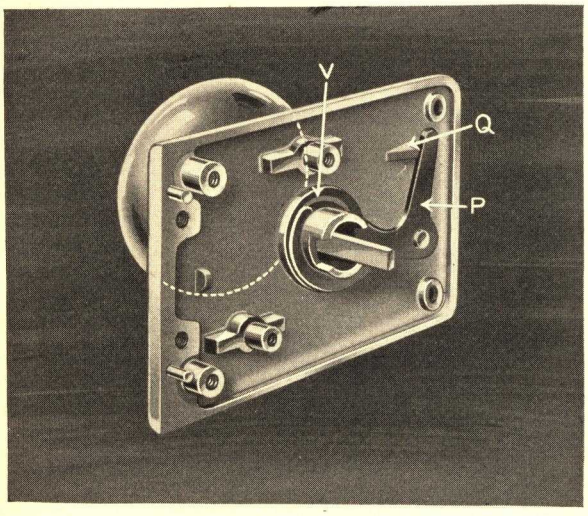


Fig. 6. Showing method of attaching outside knob to its escutcheon plate

The method of attaching the outside knob to its escutcheon plate is illustrated in Fig. 6. In the shank is a deep groove V, into which fits one arm of the bell-crank P, securely locking the knob to the escutcheon plate, but leaving it free to rotate. The other arm of the bell-crank P engages with the lug Q, projecting from the inside of the plate, thus holding the bell-crank in engagement with the knob shank.

By springing this end of the bell-crank up and over the lug Q, its other end is disengaged from the knob shank, permitting the knob to be removed from the plate for the purpose of repairing the cylinder or of changing its combination, if this is desired.

The cylinder is disengaged from the knob by inserting a special wrench (provided on special order) in the shank of the knob, and unscrewing the cylinder from the knob.

Changeable Cylinder Feature

We are prepared to furnish Yale Mono-locks with a cylinder that can be changed without removing the lock from the door.

This feature is a great convenience especially in the case of locks used in large series, as in public buildings, hotels, etc., where the locks are controlled by master-keys and where changes of tenants occur frequently.

Information on request.

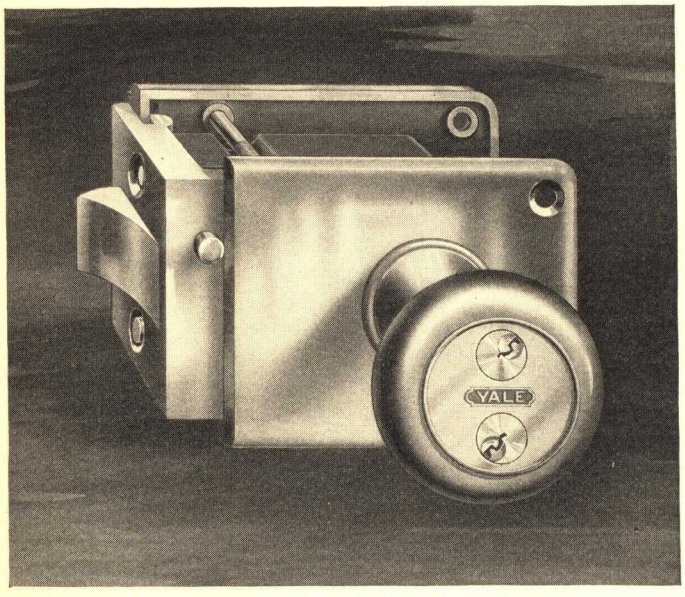


Fig. 7. The Mono-lock with Bicentric Cylinder in knob

Master-keying the Yale Mono-lock

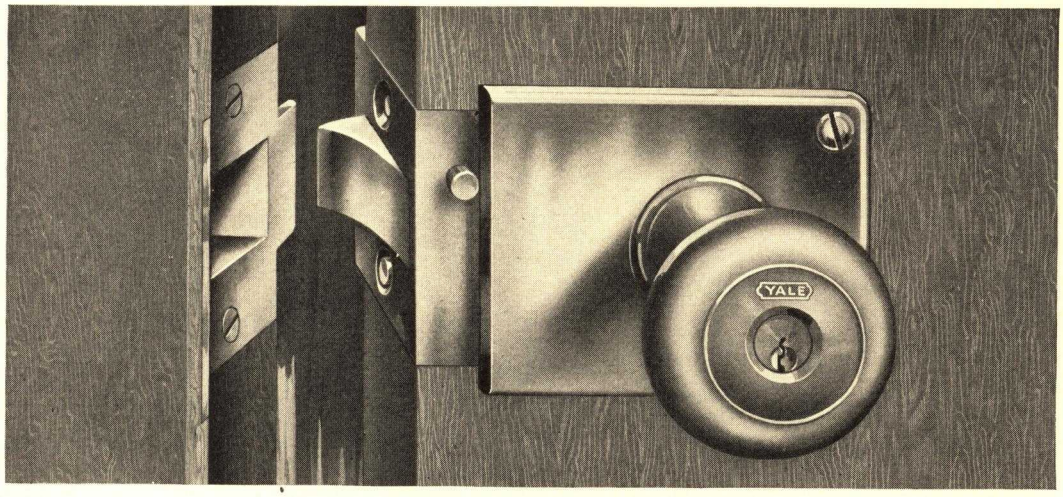
The Bicentric System: The Yale Bicentric Cylinder consists of two independent key mechanisms contained in the knob, as shown by Fig. 7. Each mechanism is controlled by its own key of special cross-section. The change and master-keys have reversed sections, so that each will enter only its own keyway. Any desired combination of master and change keys may be obtained without the slightest impairment of security.

The Standard Yale System: The regular mono-lock cylinder with one keyway can be master-keyed in small groups with the regular key, and in larger groups by means of the "surety" system.

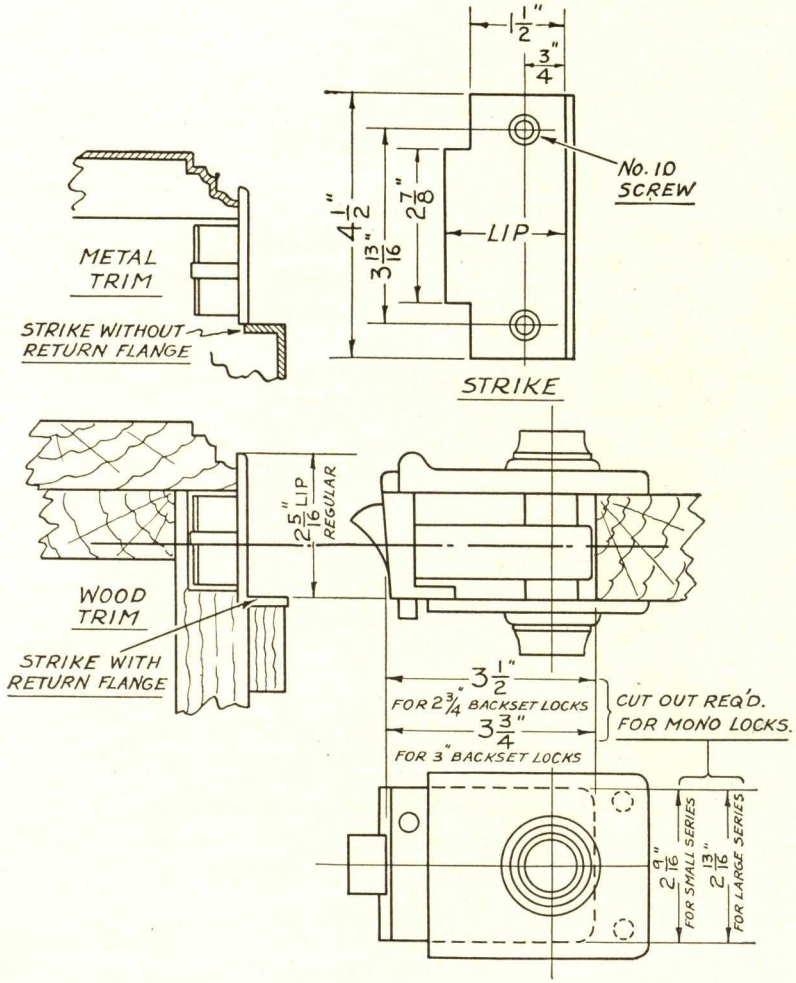
The regular mono-lock cylinders are master-keyed in one set of any number of changes usually required, all different, with a master-key to pass all locks; or in any number of sets required, each set having any number of changes, all changes different, with master-key to pass the locks in each set and a grand master-key to pass all the locks.

This system is slightly cheaper than the bicentric system, but the latter is in all respects better and should be given preference in view of the small difference in cost. If a series of master-keyed Yale Cylinder Locks comprising one thousand or more locks is required, the bicentric cylinder should be used.

MONO-LOCK SETS



The strike regularly furnished for Yale Mono-locks is of the "protected box" type which prevents tampering with the bolt, and covers the cut in the woodwork made to receive the strike.



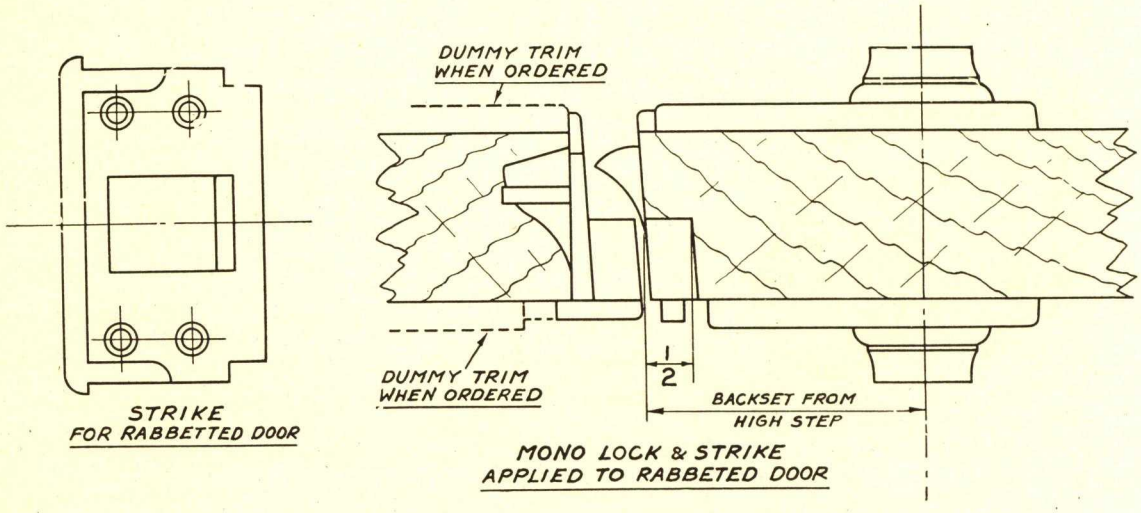
Instructions for Ordering Mono-lock Strikes

The strikes regularly furnished with Yale Mono-locks are of a standard size regardless of the number of bolts in the lock. Strikes for wood jambs are regularly furnished of the protected box type. The return flange on the protected strike prevents tampering with the latch bolt and also serves as a striking point for the dead-locking plunger. Strikes for metal jambs are regularly furnished without the return flange as same is not necessary on metal trim.

The length of lip for mono-lock strikes is always measured from the door stop as shown in drawing, because the lock bolt and lock mechanism are mounted on the escutcheon plate in a fixed relationship to the door stop. There is no change in this relationship caused by differences in the thickness of doors.

Unless otherwise specified on orders, strike will be furnished with a lip $2\frac{5}{16}$ in. Measure distance from door stop to edge of jamb and add sufficient (usually $\frac{1}{8}$ in.) to protect woodwork. Mono-lock strikes may also be furnished with special types of lips as required. Furnish detail of jamb and specify type of strike required.

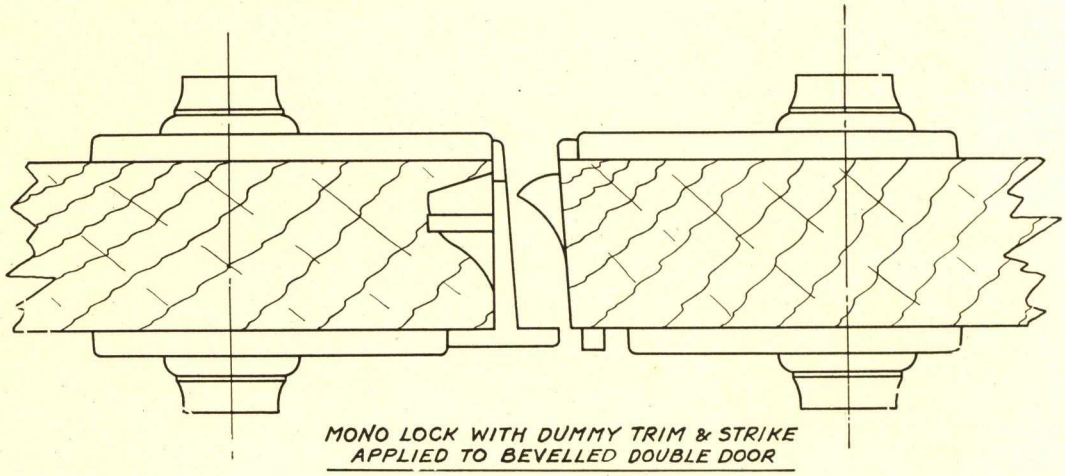
MONO-LOCK SETS



For rabbeted doors a regular lock is furnished with a rabbeted strike as above. In ordering suffix ½ to list number.

Mono-locks for Rabbeted Doors

Rabbeted mono-locks are furnished for rabbeted doors as shown above. Two sizes of strikes are used with rabbeted mono-locks. The backset of the lock is taken from the high step which is contrary to standard practice for mortise locks. Rabbeted mono-lock strikes are beveled ⅛ in 2 in.

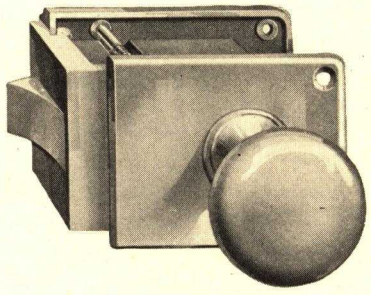


Mono-locks with Dummy Trim

Special mono-lock strikes can be furnished with a return flange for use on inactive door of pairs of beveled doors in combination with escutcheon plates and knobs on both sides. This construction makes a complete set of dummy trim having all appearances of a second lock on the door. This arrangement is suitable for use on beveled doors without astragals or having astragals outside for doors opening in, or astragals inside for doors opening out. Orders for mono-locks with dummy trim, should be accompanied by a detailed sketch of the meeting stiles. Similar dummy trim can also be furnished for use in connection with rabbeted mono-locks.

CUTS ONE-THIRD SIZE

MONO-LOCK SETS
GT (Trenton Design)



No. GT3257 Lock Set

Knob Latch

Front . . . . $2\frac{9}{16}$ in. high. Beveled, $\frac{1}{8}$ in 2 in. only.

Reversible . Doors opening in or out of either hand.

Case . . . . Copper plated iron.

Strike . . . Protected box.

Bolt . . . . . Hinged, $\frac{5}{8}$ in. throw; also $\frac{3}{4}$ in. throw as table below.

Knobs . . . Bronze, $2\frac{1}{4}$ in. dia.

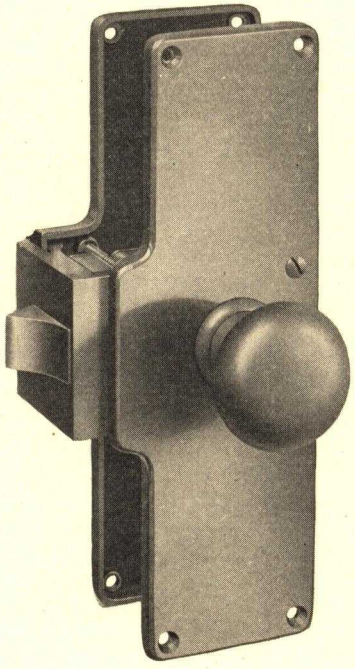
Escutcheons . Bronze.

Doors . . . . $1\frac{3}{8}$ to $2\frac{1}{2}$ in. Exact thickness to be specified. Can be furnished for doors thicker than $2\frac{1}{2}$ in., to order, and at an additional price.

Backset . . . As below. Cannot be furnished with special backset.

Operation . . By knob from both sides.

Packed . . . Each in a box, with screws.



No. GT3277 Lock Set

With Horizontal Escutcheon Plates

No.	Cast Front	Backset	Throw of Bolt	Plates
GT3257	Bronze	$2\frac{3}{4}$ in.	$\frac{5}{8}$ in.	3 x $4\frac{1}{4}$ in.
GT3757	"	3 "	$\frac{5}{8}$ "	3 x $4\frac{1}{2}$ "
GT13757	"	3 "	$\frac{3}{4}$ "	3 x $4\frac{1}{2}$ "

With Vertical Escutcheon Plates

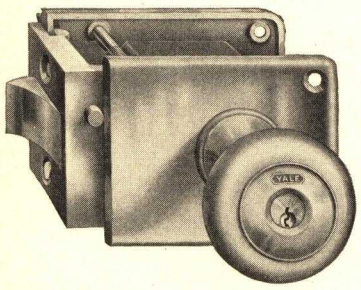
No.	Cast Front	Backset	Throw of Bolt	Plates
GT3277	Bronze	$2\frac{3}{4}$ in.	$\frac{5}{8}$ in.	10 x 3 in.
GT3777	"	3 "	$\frac{5}{8}$ "	10 x 3 "
GT13777	"	3 "	$\frac{3}{4}$ "	10 x 3 "

When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

MONO-LOCK SETS

GT (Trenton Design)

CUTS ONE-THIRD SIZE





No. GT3000 Lock Set

For Vestibule and Office Doors

Front . . . . 2 9/16 in. high. Beveled, 1/8 in 2 in. only.

Reversible . Regular bevel locks may be reversed for doors of either hand, opening in only. Reverse bevel locks for doors of either hand, opening out only. But it is desirable that the hand wanted be specified on order whenever possible.

Case . . . . Copper plated iron.

Strike . . . Protected box.

Bolt . . . . . Hinged, 5/8 in. throw; also 3/4 in. throw as table below.

Knobs . . . Bronze, 2 1/4 in. dia.

Escutcheons . Bronze.

Doors . . . . 1 3/8 to 2 1/2 in. Exact thickness to be specified. Can be furnished for doors thicker than 2 1/2 in., to order, and at an additional price.

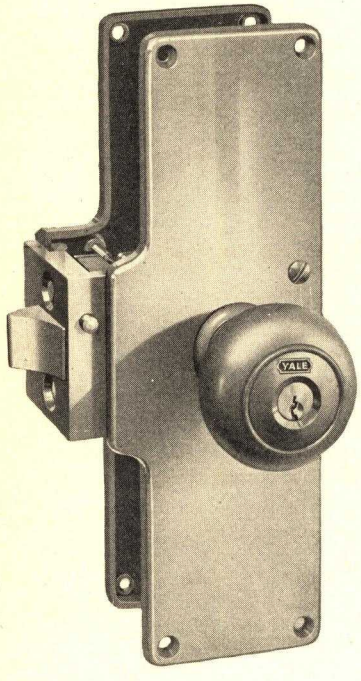
Cylinder . . Bronze. Five pin-tumblers.

Keys . . . Three, No. 8; changes, practically unlimited.

Backset . . . As below. Cannot be furnished with special backset.

Operation . By knob from both sides, outer knob may be set by stop in front. When outer knob is stopped, bolt is operated by key. The stopwork and bolt on Nos. GT3000, GT3020, GT3500, GT3520, GT13500 and GT13520 are automatically deadlocked by plunger when door is closed, which prevents tampering.

Packed . . . Each in a box, with screws.





No. GT3020 Lock Set

With Horizontal Escutcheon Plates

No	Cast Front	Backset	Throw of Bolt	Plates
GT3000	Bronze	2 3/4 in.	5/8 in.	3 x 4 1/4 in.
*GT3005	"	2 3/4 "	5/8 "	3 x 4 1/4 "
GT3500	"	3 "	5/8 "	3 x 4 1/2 "
*GT3505	"	3 "	5/8 "	3 x 4 1/2 "
GT13500	"	3 "	3/4 "	3 x 4 1/2 "
*GT13505	"	3 "	3/4 "	3 x 4 1/2 "

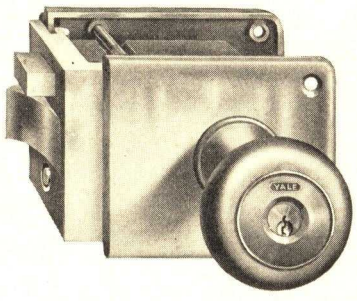
With Vertical Escutcheon Plates

No	Cast Front	Backset	Throw of Bolt	Plates
GT3020	Bronze	2 3/4 in.	5/8 in.	10 x 3 in.
*GT3025	"	2 3/4 "	5/8 "	10 x 3 "
GT3520	"	3 "	5/8 "	10 x 3 "
*GT3525	"	3 "	5/8 "	10 x 3 "
GT13520	"	3 "	3/4 "	10 x 3 "
*GT13525	"	3 "	3/4 "	10 x 3 "

* Without deadlocking plunger.
Master-keyed as explained on page XXXIII.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MONO-LOCK SETS
GT (Trenton Design)



No. GT3105 Lock Set

For Front Doors

Front . . . . $2\frac{13}{16}$ in. high. Beveled, $\frac{1}{8}$ in 2 in. only.

Reversible . Regular bevel locks may be reversed for doors of either hand, opening in only. Reverse bevel locks for doors of either hand, opening out only. But it is desirable that the hand wanted be specified on order whenever possible.

Case . . . . Copper plated iron.

Strike . . . Protected box.

Bolts . . . . Latch bolt, hinged, $\frac{5}{8}$ in. throw.
Dead-bolt, $\frac{5}{8}$ in. throw.

Knobs . . . Bronze, $2\frac{1}{4}$ in. dia.

Escutcheons . Bronze.

Doors . . . . $1\frac{3}{8}$ to $2\frac{1}{2}$ in. Exact thickness to be specified. Can be furnished for doors thicker than $2\frac{1}{2}$ in., to order, and at an additional price.

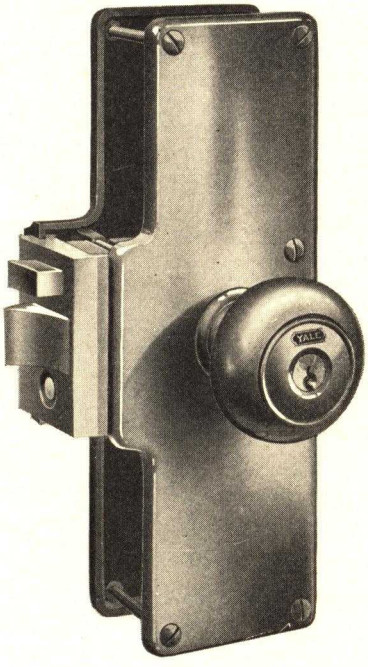
Cylinder . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes practically unlimited.

Backset . . . As below. Cannot be furnished with special backset.

Operation . . Latch bolt by knob from both sides; outer knob may be set by stop in front. When outer knob is stopped latch bolt is operated by key. Dead bolt by key from outside by turn knob from inside.

Packed . . . Each in a box, with screws.



No. GT3125 Lock Set

With Horizontal Escutcheon Plates

No.	Cast Front	Backset	Plates
GT3105	Bronze	$2\frac{3}{4}$ in.	$3\frac{1}{4}$ x $4\frac{1}{4}$ in.
GT3605	"	3 "	$3\frac{1}{4}$ x $4\frac{1}{2}$ "

With Vertical Escutcheon Plates

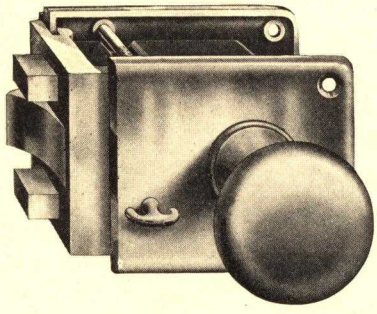
No.	Cast Front	Backset	Plates
GT3125	Bronze	$2\frac{3}{4}$ in.	10 x 3 in.
GT3625	"	3 "	10 x 3 "

Master-keyed as explained on page XXXIII.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

MONO-LOCK SETS

GT (Trenton Design)

CUTS ONE-THIRD SIZE



No. GT3207 Lock Set

For Double Communicating Doors

Front . . . . 2 13/16 in. high. Beveled, 1/8 in 2 in. only.

Reversible . Regular bevel locks may be reversed for doors of either hand, opening in only. Reverse bevel locks for doors of either hand, opening out only. But it is desirable that the hand wanted be specified on order whenever possible.

Case . . . . Copper plated iron.

Strike . . . Protected box.

Bolts . . . . Latch bolt hinged, 5/8 in. throw.
Dead bolt, 5/8 in. throw.

Knobs . . . Bronze, 2 1/4 in. dia.

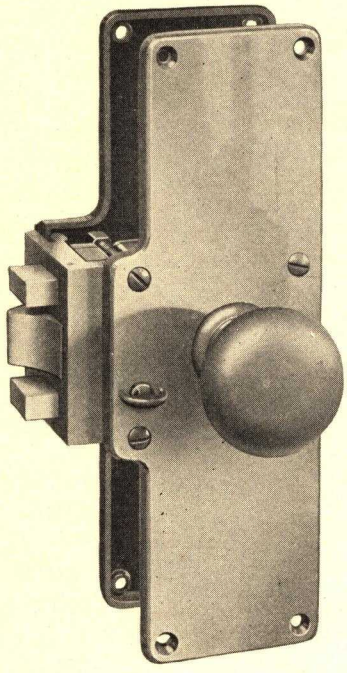
Escutcheons . Bronze.

Doors . . . . 1 3/8 to 2 1/2 in. Exact thickness to be specified. Can be furnished for doors thicker than 2 1/2 in., to order, and at an additional price.

Backset . . . As below. Cannot be furnished with special backset.

Operation . . Latch bolt by knob from both sides; dead bolts by turn knobs from both sides, making it possible to deadlock independently from either side.

Packed . . . Each in a box, with screws.



No. GT3227 Lock Set

With Horizontal Escutcheon Plates

No.	Cast Front	Backset	Plates
GT3207	Bronze	2 3/4 in.	3 1/4 x 4 1/4 in.
GT3707	"	3 "	3 1/4 x 4 1/2 "

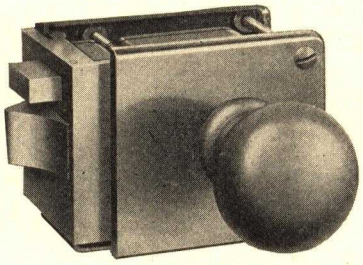
With Vertical Escutcheon Plates

No.	Cast Front	Backset	Plates
GT3227	Bronze	2 3/4 in.	10 x 3 in.
GT3727	"	3 "	10 x 3 "

When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MONO-LOCK SETS
GT (Trenton Design)



No. GT3357 Lock Set

For Single Communicating Doors

Front . . . . $2\frac{13}{16}$ in. high. Beveled, $\frac{1}{8}$ in 2 in. only.

Reversible . Regular bevel locks may be reversed for doors of either hand, opening in only. Reverse bevel locks for doors of either hand, opening out only. But it is desirable that the hand wanted be specified on order whenever possible.

Case . . . . Copper plated iron.

Strike . . . Protected box.

Bolts . . . . Latch bolt, hinged, $\frac{5}{8}$ in. throw.
Dead bolt, $\frac{5}{8}$ in. throw.

Knobs . . . Bronze, $2\frac{1}{4}$ in. dia.

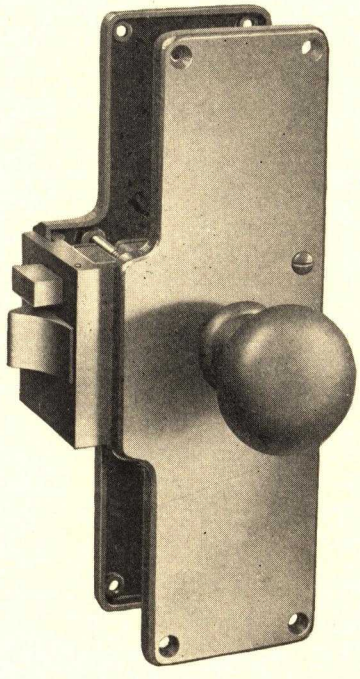
Escutcheons . Bronze.

Doors . . . . $1\frac{3}{8}$ to $2\frac{1}{2}$ in. Exact thickness to be specified. Can be furnished for doors thicker than $2\frac{1}{2}$ in., to order, and at an additional price.

Backset . . . As below. Cannot be furnished with special backset.

Operation . Latch bolt by knob from both sides. Dead bolt by turn knob from inside only.

Packed . . . Each in a box, with screws.



No. GT3377 Lock Set

With Horizontal Escutcheon Plates

No.	Cast Front	Backset	Plates
GT3357	Bronze	$2\frac{3}{4}$ in.	$3\frac{1}{4}$ x $4\frac{1}{4}$ in.
GT3857	"	3 "	$3\frac{1}{4}$ x $4\frac{1}{2}$ "

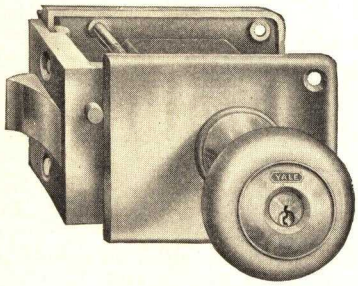
With Vertical Escutcheon Plates

No.	Cast Front	Backset	Plates
GT3377	Bronze	$2\frac{3}{4}$ in.	10 x 3 in.
GT3877	"	3 "	10 x 3 "

When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

MONO-LOCK SETS
GT (Trenton Design)

CUTS ONE-THIRD SIZE





No. GT3050 Lock Set

For Office Doors

Front . . . . 2 9/16 in. high. Beveled, 1/8 in 2 in. only.

Reversible . . Regular bevel locks may be reversed for doors of either hand, opening in only. Reverse bevel locks for doors of either hand, opening out only. But it is desirable that the hand wanted be specified on order whenever possible.

Case . . . . Copper plated iron.

Strike . . . Protected box.

Bolt . . . . . Hinged, 5/8 in. throw; also 3/4 in. throw as table below.

Knobs . . . Bronze, 2 1/4 in. dia.

Escutcheons . Bronze.

Doors . . . . 1 3/8 to 2 1/2 in. Exact thickness to be specified. Can be furnished for doors thicker than 2 1/2 in., to order, and at an additional price.

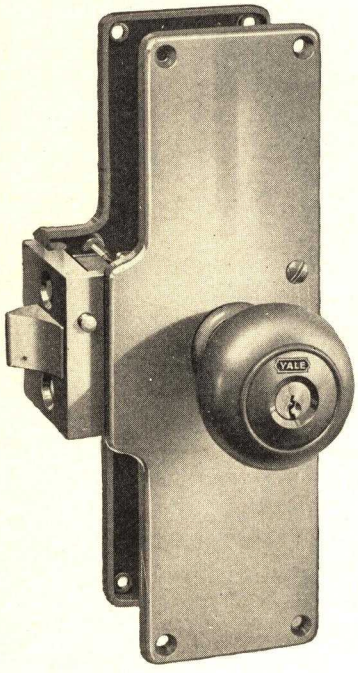
Cylinder . . Bronze. Five pin-tumblers.

Keys . . . . Three, No. 8; changes, practically unlimited.

Backset . . . 2 3/4 in. only. Cannot be furnished with special backset.

Operation . . By knob from both sides; outer knob may be set by stop in front. When outer knob is stopped, bolt is operated by key. Turn knob on inside deadlocks bolt against key and sets outer knob. The stopwork and bolt are automatically deadlocked by plunger when door is closed, which prevents tampering.

Packed . . . Each in a box, with screws.





No. GT3070 Lock Set

With Horizontal Escutcheon Plates

No.	Cast Front	Backset	Throw of Bolt	Plates
GT3050	Bronze	2 3/4 in.	5/8 in.	3 x 4 1/4 in.
GT3550	"	3 "	5/8 "	3 x 4 1/2 "
GT13550	"	3 "	3/4 "	3 x 4 1/2 "

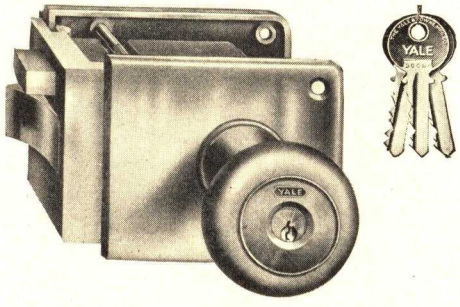
With Vertical Escutcheon Plates

No.	Cast Front	Backset	Throw of Bolt	Plates
GT3070	Bronze	2 3/4 in.	5/8 in.	10 x 3 in.
GT3570	"	3 "	5/8 "	10 x 3 "
GT13570	"	3 "	3/4 "	10 x 3 "

Master-keyed as explained on page XXXIII.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MONO-LOCK SETS
GT (Trenton Design)



No. GT3450 Lock Set

For Office Doors

Front . . . $2\frac{13}{16}$ in. high. Beveled, $\frac{1}{8}$ in 2 in. only.

Reversible Regular bevel locks may be reversed for doors of either hand, opening in only. Reverse bevel locks for doors of either hand, opening out only. But it is desirable that the hand wanted be specified on order whenever possible.

Case . . . Copper plated iron.

Strike . . Protected box.

Bolts . . . Latch bolt, hinged, $\frac{5}{8}$ in. throw.
Dead bolt, $\frac{5}{8}$ in. throw.

Knobs . . Bronze, $2\frac{1}{4}$ in. dia.

Escutcheons Bronze.

Doors . . . $1\frac{3}{8}$ to $2\frac{1}{2}$ in. Exact thickness to be specified. Can be furnished for doors thicker than $2\frac{1}{2}$ in., to order, and at an additional price.

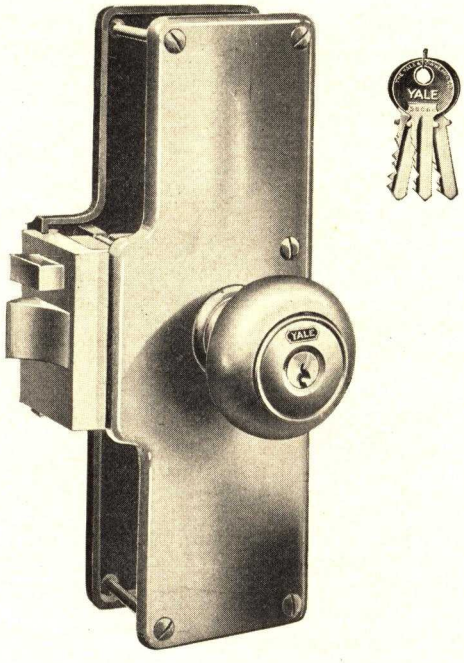
Cylinder . Bronze. Five pin-tumblers.

Keys . . . Three, No. 8; changes, practically unlimited.

Backset . . As below. Cannot be furnished with special backset.

Operation . Latch bolt by knob from both sides. Dead bolt by key from either side.

Packed . . Each in a box, with screws.



No. GT3470 Lock Set

With Horizontal Escutcheon Plates

No.	Cast Front	Backset	Plates
GT3450	Bronze	$2\frac{3}{4}$ in.	$3\frac{1}{4}$ x $4\frac{1}{4}$ in.
GT3950	"	3 "	$3\frac{1}{4}$ x $4\frac{1}{2}$ "

With Vertical Escutcheon Plates

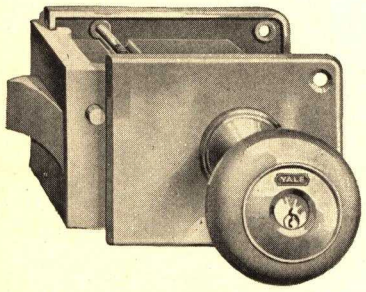
No.	Cast Front	Backset	Plates
GT3470	Bronze	$2\frac{3}{4}$ in.	10 x 3 in.
GT3970	"	3 "	10 x 3 "

Master-keyed as explained on page XXXIII.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

MONO-LOCK SETS

GT (Trenton Design)

CUTS ONE-THIRD SIZE





No. GT3152 Lock Set

For Corridor Closets, Elevator Shafts, etc.

Front . . . . 2 9/16 in. high. Beveled, 1/8 in 2 in. only.

Reversible . Regular bevel locks may be reversed for doors of either hand, opening in only. Reverse bevel locks for doors of either hand, opening out only. But it is desirable that the hand wanted be specified on order whenever possible.

Case . . . . Copper plated iron.

Strike . . . Protected box.

Bolt . . . . . Hinged, 5/8 in. throw; also 3/4 in. throw as table below.

Knobs . . . Bronze, 2 1/4 in. dia.

Escutcheons . Bronze.

Doors . . . . 1 3/8 to 2 1/2 in. Exact thickness to be specified. Can be furnished for doors thicker than 2 1/2 in., to order, and at an additional price.

Cylinder . . Bronze. Five pin-tumblers.

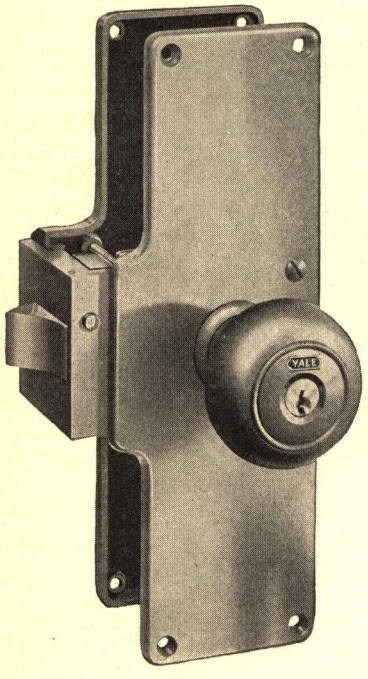
Keys. . . . . Three, No. 8; changes, practically unlimited.

Backset . . . As below. Cannot be furnished with special backset.

Operation . By knob from both sides, except when outer knob is set by key through outside cylinder (no inside cylinder) there being no stopwork in front. The bolt is automatically deadlocked against end pressure by plunger when door is closed.

This lock is especially adapted for corridor closets or elevator shaft openings, where the control of stopwork is in the hands of authorized persons only.

Packed . . . Each in a box, with screws.





No. GT3172 Lock Set

With Horizontal Escutcheon Plates

No.	Cast Front	Backset	Throw of Bolt	Plates
GT3152	Bronze	2 3/4 in.	5/8 in.	3 x 4 1/4 in.
GT3652	"	3 "	5/8 "	3 x 4 1/2 "
GT13652	"	3 "	3/4 "	3 x 4 1/2 "

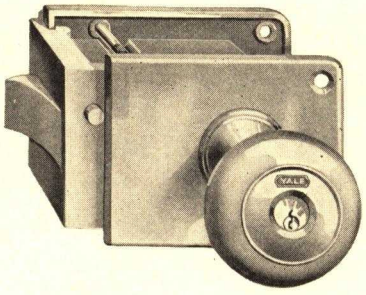
With Vertical Escutcheon Plates

No.	Cast Front	Backset	Throw of Bolt	Plates
GT3172	Bronze	2 3/4 in.	5/8 in.	10 x 3 in.
GT3672	"	3 "	5/8 "	10 x 3 "
GT13672	"	3 "	3/4 "	10 x 3 "

Master-keyed as explained on page XXXIII.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MONO-LOCK SETS
GT (Trenton Design)





No. GT3001 Lock Set

For Toilet Room Doors in Office Buildings, etc.

Front . . . . $2\frac{13}{16}$ in. high. Beveled, $\frac{1}{8}$ in 2 in. only.

Reversible . Regular bevel locks may be reversed for doors of either hand, opening in only. Reverse bevel locks for doors of either hand, opening out only. But it is desirable that the hand wanted be specified on order whenever possible.

Case . . . . Copper plated iron.

Strike . . . Protected box.

Bolt . . . . . Hinged, $\frac{5}{8}$ in. throw; also $\frac{3}{4}$ in. throw as table below.

Knobs . . . Bronze, $2\frac{1}{4}$ in. dia.

Escutcheons . Bronze.

Doors . . . . $1\frac{3}{8}$ to $2\frac{1}{2}$ in. Exact thickness to be specified. Can be furnished for doors thicker than $2\frac{1}{2}$ in., to order, and at an additional price.

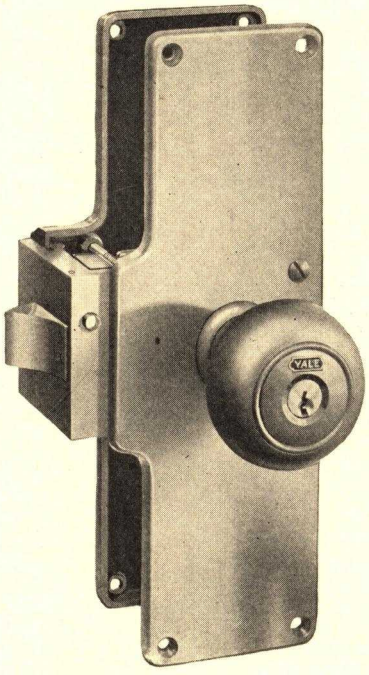
Cylinder . . Bronze. Five pin-tumblers.

Keys. . . . . Three, No. 8; changes, practically unlimited.

Backset . . . As below. Cannot be furnished with special backset.

Operation . By knob from both sides; outer knob may be set by key through inside cylinder. Stop work in front is omitted. When outer knob is stopped, bolt is operated by key. The bolt is automatically deadlocked by plunger when door is closed, which prevents tampering.

Packed . . . Each in a box, with screws.





No. GT3021 Lock Set

With Horizontal Escutcheon Plates

No.	Cast Front	Backset	Throw of Bolt	Plates
GT3001	Bronze	$2\frac{3}{4}$ in.	$\frac{5}{8}$ in.	$3\frac{1}{4}$ x $4\frac{1}{4}$ in.
GT3501	"	3 "	$\frac{5}{8}$ "	$3\frac{1}{4}$ x $4\frac{1}{2}$ "
GT13501	"	3 "	$\frac{3}{4}$ "	$3\frac{1}{4}$ x $4\frac{1}{2}$ "

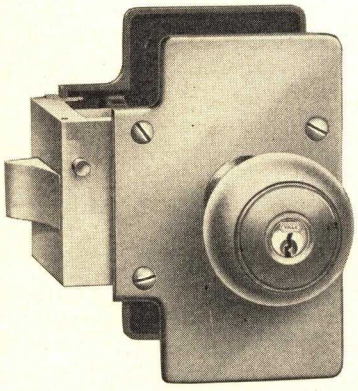
With Vertical Escutcheon Plates

No.	Cast Front	Backset	Throw of Bolt	Plates
GT3021	Bronze	$2\frac{3}{4}$ in.	$\frac{5}{8}$ in.	10 x 3 in.
GT3521	"	3 "	$\frac{5}{8}$ "	10 x 3 "
GT13521	"	3 "	$\frac{3}{4}$ "	10 x 3 "

Master-keyed as explained on page XXXIII.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

MONO-LOCK SETS
GT (Trenton Design)

CUTS ONE-THIRD SIZE



No. GT3504 outside



Asylum Lock

Front . . . . 2 9/16 in. high. Beveled, 1/8 in 2 in. only.

Not Reversible Hand must be specified.

Case . . . . Copper plated iron.

Strike . . . Protected box.

Bolt . . . . . Hinged, 5/8 in. throw; also 3/4 in. throw as table below.

Knob . . . . Bronze, 2 1/4 in. dia. on outside only. Knob is rigid; operation from outside by key.

Escutcheons . Bronze. A cast pull is riveted to the inside plate, and a cover for the cylinder is also on the inside.

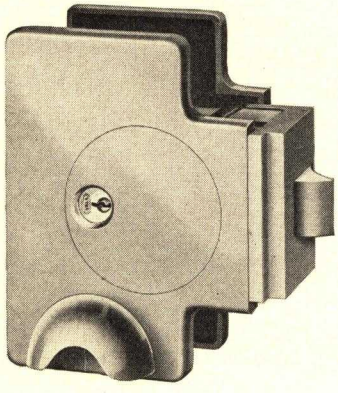
Doors . . . . 2 and 2 1/4 in. Exact thickness must be specified.

Cylinders . . Bronze. Outside, five or six pin-tumblers as ordered. Inside, four pin-tumblers, operated by same key as outside.

Keys . . . . Three, No. 8 or 11; changes, practically unlimited.

Backset . . . 3 in. only. Cannot be furnished with special backset.

Operation . . Latch bolt by key from either side, outside knob rigid, no knob inside. The latch bolt is automatically deadlocked by plunger, when door is closed. Unlocking the door from outside by key turns the inside keyhole protector, uncovering the inside keyhole. When in this position, the inside keyhole protector is spring actuated to hold it open so that the keyhole will remain visible. The opening of the door by key from the inside resets an automatic lock on the keyhole protector. Therefore, as soon as key has been withdrawn from the inside keyhole, the keyhole protector may be turned into the position covering the keyhole, in which position the keyhole protector is automatically locked until released by key from the outside. The latch bolt is retracted by turning the outside key toward the edge of the door, but if turned a complete revolution in the opposite direction, the latch bolt will be held retracted. The inside cylinder has four pin-tumblers which will prevent an inmate from unlocking the door if the attendant should fail to turn the keyhole protector over the inside keyhole.



No. GT3504 inside

No.	Cast Front	Throw of Bolt	Plates
GT3504	Bronze	5/8 in.	5 3/8 x 3 1/16 in.
GT13504	"	3/4 "	5 3/8 x 3 1/16 "

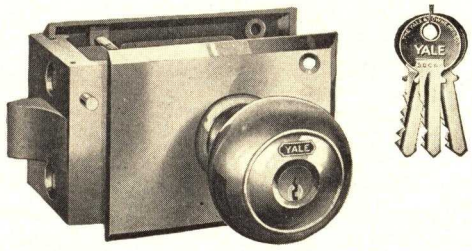
Master-keyed as explained on page XXXIII.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE

MONO-LOCK SETS

GR (Revere Design)

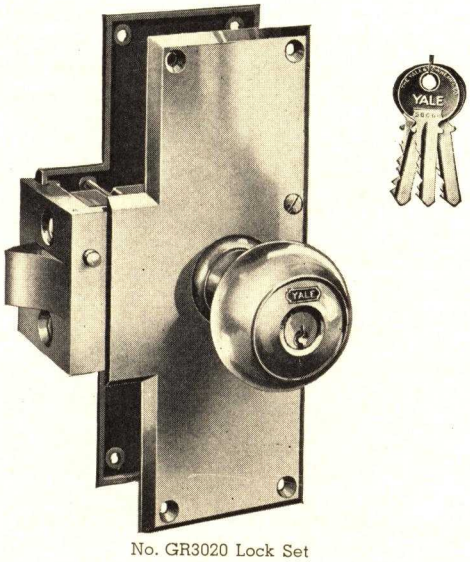
Cast Bronze or Brass



No. GR3000 Lock Set

With Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
GR3257	2¼ in. dia.	3 x 4¼ in.	95
	For Vestibule and Office Doors		
GR3000	2¼ in. dia.	3 x 4¼ in.	96
GR3005	2¼ " "	3 x 4¼ "	96
	For Front Doors		
GR3105	2¼ in. dia.	3¼ x 4¼ in.	97
	For Double Communicating Doors		
GR3207	2¼ in. dia.	3¼ x 4¼ in.	98
	For Single Communicating Doors		
GR3357	2¼ in. dia.	3¼ x 4¼ in.	99
	For Office Doors		
GR3050	2¼ in. dia.	3 x 4¼ in.	100
GR3450	2¼ " "	3 x 4¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
GR3152	2¼ in. dia.	3 x 4¼ in.	102
	For Toilet Room Doors, etc.		
GR3001	2¼ in. dia.	3¼ x 4¼ in.	103



No. GR3020 Lock Set

With Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
GR3277	2¼ in. dia.	8 x 2⅞ in.	95
	For Vestibule and Office Doors		
GR3020	2¼ in. dia.	8 x 2⅞ in.	96
GR3025	2¼ " "	8 x 2⅞ "	96
	For Front Doors		
GR3125	2¼ in. dia.	8 x 2⅞ in.	97
	For Double Communicating Doors		
GR3227	2¼ in. dia.	8 x 2⅞ in.	98
	For Single Communicating Doors		
GR3377	2¼ in. dia.	8 x 2⅞ in.	99
	For Office Doors		
GR3070	2¼ in. dia.	8 x 2⅞ in.	100
GR3470	2¼ " "	8 x 2⅞ "	101
	For Corridor Closets, Elevator Shafts, etc.		
GR3172	2¼ in. dia.	8 x 2⅞ in.	102
	For Toilet Room Doors, etc.		
GR3021	2¼ in. dia.	8 x 2⅞ in.	103

Master-keyed as explained on page XXXIII.

Each in a box, with screws.

When ordering, give list number, thickness of door, and finish.

For finishes, see page XXV.

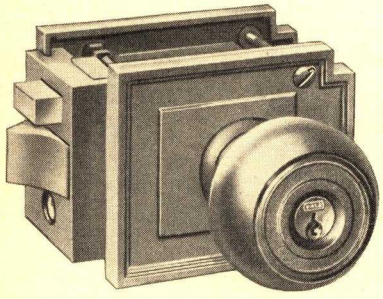
When sets are wanted with a 3 in. backset and the regular ⅝ in. throw of bolt, add 500 to the set number, thus—GR3000-GR3500. If a 3 in. backset and ¾ in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—GR3500-GR13500. The locks with 2¾ in. backset can only be furnished with the regular ⅝ in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and ¾ in. throw of bolt.

MONO-LOCK SETS

TA (Athens Design)

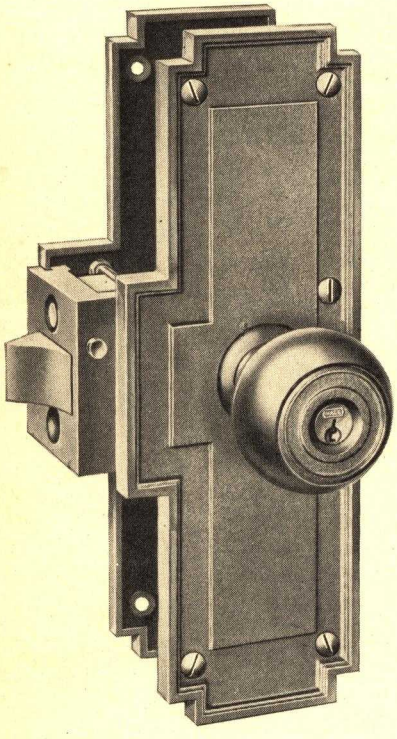
Cast Bronze or Brass

CUTS ONE-THIRD SIZE





No. TA3105 Lock Set





No. TA3020 Lock Set

Master-keyed as explained on page XXXIII.
Each in a box, with screws.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

With Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
TA3257	2¼ in. dia.	3 7/16 x 4 7/16 in.	95
	For Vestibule and Office Doors		
TA3000	2¼ in. dia.	3 7/16 x 4 7/16 in.	96
TA3005	2¼ " "	3 7/16 x 4 7/16 "	96
	For Front Doors		
TA3105	2¼ in. dia.	3 7/16 x 4 7/16 in.	97
	For Double Communicating Doors		
TA3207	2¼ in. dia.	3 7/16 x 4 7/16 in.	98
	For Single Communicating Doors		
TA3357	2¼ in. dia.	3 7/16 x 4 7/16 in.	99
	For Office Doors		
TA3050	2¼ in. dia.	3 7/16 x 4 7/16 in.	100
TA3450	2¼ " "	3 7/16 x 4 7/16 "	101
	For Corridor Closets, Elevator Shafts, etc.		
TA3152	2¼ in. dia.	3 7/16 x 4 7/16 in.	102
	For Toilet Room Doors, etc.		
TA3001	2¼ in. dia.	3 7/16 x 4 7/16 in.	103

With Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
TA3277	2¼ in. dia.	10 x 3 in.	95
	For Vestibule and Office Doors		
TA3020	2¼ in. dia.	10 x 3 in.	96
TA3025	2¼ " "	10 x 3 "	96
	For Front Doors		
TA3125	2¼ in. dia.	10 x 3 in.	97
	For Double Communicating Doors		
TA3227	2¼ in. dia.	10 x 3 in.	98
	For Single Communicating Doors		
TA3377	2¼ in. dia.	10 x 3 in.	99
	For Office Doors		
TA3070	2¼ in. dia.	10 x 3 in.	100
TA3470	2¼ " "	10 x 3 "	101
	For Corridor Closets, Elevator Shafts, etc.		
TA3172	2¼ in. dia.	10 x 3 in.	102
	For Toilet Room Doors, etc.		
TA3021	2¼ in. dia.	10 x 3 in.	103

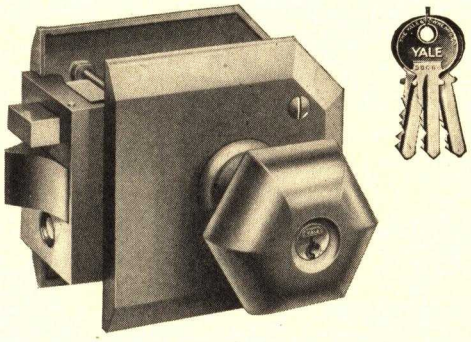
When sets are wanted with a 3 in. backset and the regular 5/8 in. throw of bolt, add 500 to the set number, thus—TA3000-TA3500. If a 3 in. backset and 3/4 in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—TA3500-TA13500. The locks with 2 3/4 in. backset can only be furnished with the regular 5/8 in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and 3/4 in. throw of bolt.

CUTS ONE-THIRD SIZE

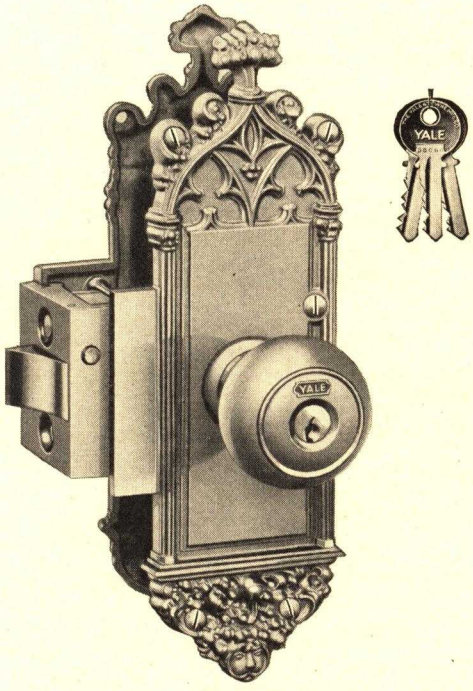
MONO-LOCK SETS

KA (Alameda Design) QC (Coburg Design)

Cast Bronze or Brass



No. KA3105 Lock Set Alameda Design



No. QC3020 Lock Set Coburg Design

Master-keyed as explained on page XXXIII.
Each in a box, with screws.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

Alameda Design with Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
KA3257	2¼ in. dia.	4¼ x 4½ in.	95
	For Vestibule and Office Doors		
KA3000	2¼ in. dia.	4¼ x 4½ in.	96
KA3005	2¼ " "	4¼ x 4½ "	96
	For Front Doors		
KA3105	2¼ in. dia.	4¼ x 4½ in.	97
	For Double Communicating Doors		
KA3207	2¼ in. dia.	4¼ x 4½ in.	98
	For Single Communicating Doors		
KA3357	2¼ in. dia.	4¼ x 4½ in.	99
	For Office Doors		
KA3050	2¼ in. dia.	4¼ x 4½ in.	100
KA3450	2¼ " "	4¼ x 4½ "	101
	For Corridor Closets, Elevator Shafts, etc.		
KA3152	2¼ in. dia.	4¼ x 4½ in.	102
	For Toilet Room Doors, etc.		
KA3001	2¼ in. dia.	4¼ x 4½ in.	103

Coburg Design with Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
QC3277	2¼ in. dia.	10⅜ x 3¼ in.	95
	For Vestibule and Office Doors		
QC3020	2¼ in. dia.	10⅜ x 3¼ in.	96
QC3025	2¼ " "	10⅜ x 3¼ "	96
	For Front Doors		
QC3125	2¼ in. dia.	10⅜ x 3¼ in.	97
	For Double Communicating Doors		
QC3227	2¼ in. dia.	10⅜ x 3¼ in.	98
	For Single Communicating Doors		
QC3377	2¼ in. dia.	10⅜ x 3¼ in.	99
	For Office Doors		
QC3070	2¼ in. dia.	10⅜ x 3¼ in.	100
QC3470	2¼ " "	10⅜ x 3¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
QC3172	2¼ in. dia.	10⅜ x 3¼ in.	102
	For Toilet Room Doors, etc.		
QC3021	2¼ in. dia.	10⅜ x 3¼ in.	103

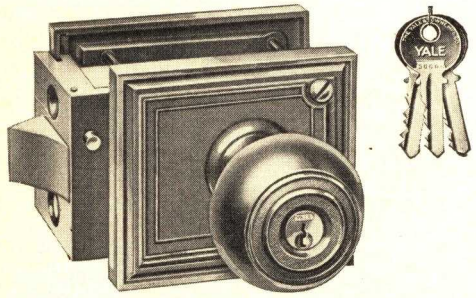
When sets are wanted with a 3 in. backset and the regular ⅝ in. throw of bolt, add 500 to the set number, thus—KA3000-KA3500. If a 3 in. backset and ¾ in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—QC3520-QC13520 etc. The locks with 2¾ in. backset can only be furnished with the regular ⅝ in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and ¾ in. throw of bolt.

MONO-LOCK SETS

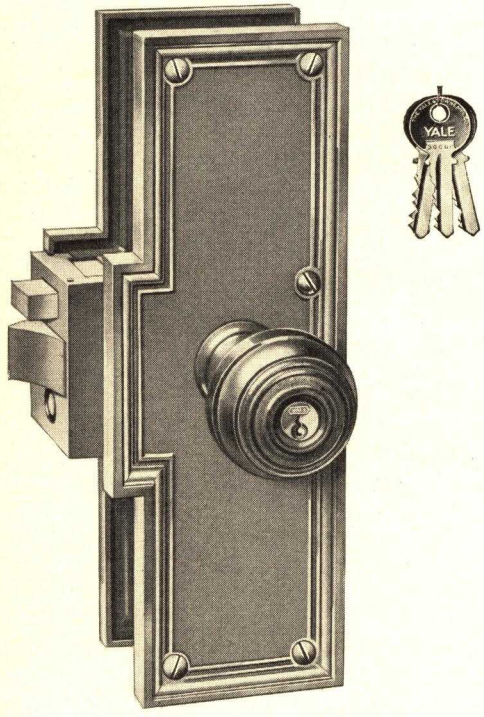
HD (Dartmouth Design)

Cast Bronze or Brass

CUTS ONE-THIRD SIZE



No. HD3000 Lock Set



No. HD3125 Lock Set

Master-keyed as explained on page XXXIII.
Each in a box, with screws.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

With Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
HD3257	2¼ in. dia.	3⅜ x 4¼ in.	95
	For Vestibule and Office Doors		
HD3000	2¼ in. dia.	3⅜ x 4¼ in.	96
HD3005	2¼ " "	3⅜ x 4¼ "	96
	For Front Doors		
HD3105	2¼ in. dia.	3⅝ x 4½ in.	97
	For Double Communicating Doors		
HD3207	2¼ in. dia.	3⅝ x 4½ in.	98
	For Single Communicating Doors		
HD3357	2¼ in. dia.	3⅝ x 4½ in.	99
	For Office Doors		
HD3050	2¼ in. dia.	3⅜ x 4¼ in.	100
HD3450	2¼ " "	3⅜ x 4¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
HD3152	2¼ in. dia.	3⅜ x 4¼ in.	102
	For Toilet Room Doors, etc.		
HD3001	2¼ in. dia.	3⅝ x 4½ in.	103

With Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
HD3277	2¼ in. dia.	10½ x 3¼ in.	95
	For Vestibule and Office Doors		
HD3020	2¼ in. dia.	10½ x 3¼ in.	96
HD3025	2¼ " "	10½ x 3¼ "	96
	For Front Doors		
HD3125	2¼ in. dia.	10½ x 3¼ in.	97
	For Double Communicating Doors		
HD3227	2¼ in. dia.	10½ x 3¼ in.	98
	For Single Communicating Doors		
HD3377	2¼ in. dia.	10½ x 3¼ in.	99
	For Office Doors		
HD3070	2¼ in. dia.	10½ x 3¼ in.	100
HD3470	2¼ " "	10½ x 3¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
HD3172	2¼ in. dia.	10½ x 3¼ in.	102
	For Toilet Room Doors, etc.		
HD3021	2¼ in. dia.	10½ x 3¼ in.	103

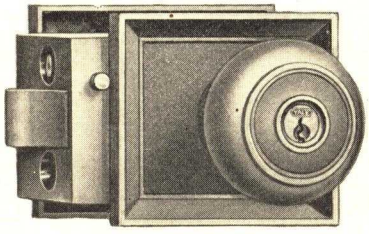
When sets are wanted with a 3 in. backset and the regular ⅝ in. throw of bolt, add 500 to the set number, thus—HD3000-HD3500. If a 3 in. backset and ¾ in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—HD3500-HD13500. The locks with 2¾ in. backset can only be furnished with the regular ⅝ in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and ¾ in. throw of bolt.

CUTS ONE-THIRD SIZE

MONO-LOCK SETS

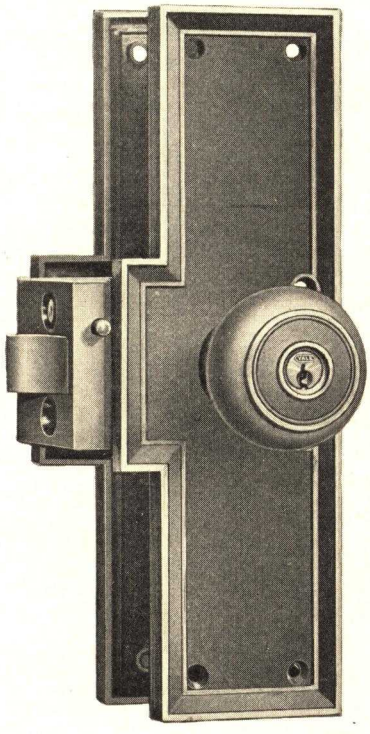
OJ (Jackson Design)

Cast Bronze or Brass





No. OJ3000 Lock Set





No. OJ3020 Lock Set

Master-keyed as explained on page XXXIII.
Each in a box, with screws.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

With Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
OJ3257	2¼ in. dia.	3¼ x 4⅛ in.	95
	For Vestibule and Office Doors		
OJ3000	2¼ in. dia.	3¼ x 4⅛ in.	96
OJ3005	2¼ " "	3¼ x 4⅛ "	96
	For Front Doors		
OJ3105	2¼ in. dia.	3½ x 4⅛ in.	97
	For Double Communicating Doors		
OJ3207	2¼ in. dia.	3½ x 4⅛ in.	98
	For Single Communicating Doors		
OJ3357	2¼ in. dia.	3½ x 4⅛ in.	99
	For Office Doors		
OJ3050	2¼ in. dia.	3¼ x 4⅛ in.	100
OJ3450	2¼ " "	3¼ x 4⅛ "	101
	For Corridor Closets, Elevator Shafts, etc.		
OJ3152	2¼ in. dia.	3¼ x 4⅛ in.	102
	For Toilet Room Doors, etc.		
OJ3001	2¼ in. dia.	3½ x 4⅛ in.	103

With Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
OJ3277	2¼ in. dia.	11 x 3 in.	95
	For Vestibule and Office Doors		
OJ3020	2¼ in. dia.	11 x 3 in.	96
OJ3025	2¼ " "	11 x 3 "	96
	For Front Doors		
OJ3125	2¼ in. dia.	11 x 3 in.	97
	For Double Communicating Doors		
OJ3227	2¼ in. dia.	11 x 3 in.	98
	For Single Communicating Doors		
OJ3377	2¼ in. dia.	11 x 3 in.	99
	For Office Doors		
OJ3070	2¼ in. dia.	11 x 3 in.	100
OJ3470	2¼ " "	11 x 3 "	101
	For Corridor Closets, Elevator Shafts, etc.		
OJ3172	2¼ in. dia.	11 x 3 in.	102
	For Toilet Room Doors, etc.		
OJ3021	2¼ in. dia.	11 x 3 in.	103

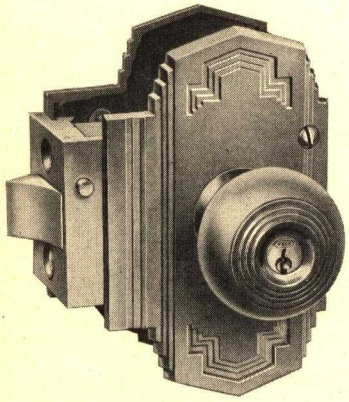
When sets are wanted with a 3 in. backset and the regular ⅝ in. throw of bolt, add 500 to the set number, thus—OJ3000-OJ3500. If a 3 in. backset and ¾ in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—OJ3500-OJ13500. The locks with 2¾ in. backset can only be furnished with the regular ⅝ in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and ¾ in. throw of bolt.

MONO-LOCK SETS

TL (Lynate Design)

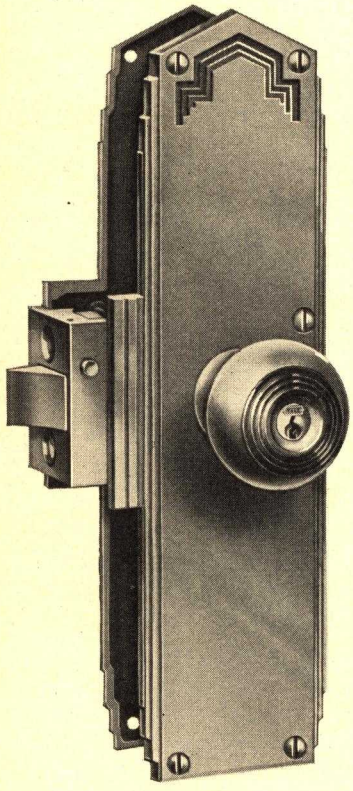
Cast Bronze or Brass

CUTS ONE-THIRD SIZE





No. TL3000 Lock Set





No. TL3020 Lock Set

Master-keyed as explained on page XXXIII.
Each in a box, with screws.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

With Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
TL3257	2¼ in. dia.	5 1/16 x 4 1/16 in.	95
	For Vestibule and Office Doors		
TL3000	2¼ in. dia.	5 1/16 x 4 1/16 in.	96
TL3005	2¼ " "	5 1/16 x 4 1/16 "	96
	For Front Doors		
TL3105	2¼ in. dia.	5 1/16 x 4 1/16 in.	97
	For Double Communicating Doors		
TL3207	2¼ in. dia.	5 1/16 x 4 1/16 in.	98
	For Single Communicating Doors		
TL3357	2¼ in. dia.	5 1/16 x 4 1/16 in.	99
	For Office Doors		
TL3050	2¼ in. dia.	5 1/16 x 4 1/16 in.	100
TL3450	2¼ " "	5 1/16 x 4 1/16 "	101
	For Corridor Closets, Elevator Shafts, etc.		
TL3152	2¼ in. dia.	5 1/16 x 4 1/16 in.	102
	For Toilet Room Doors, etc.		
TL3001	2¼ in. dia.	5 1/16 x 4 1/16 in.	103

With Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
TL3277	2¼ in. dia.	12 x 3¼ in.	95
	For Vestibule and Office Doors		
TL3020	2¼ in. dia.	12 x 3¼ in.	96
TL3025	2¼ " "	12 x 3¼ "	96
	For Front Doors		
TL3125	2¼ in. dia.	12 x 3¼ in.	97
	For Double Communicating Doors		
TL3227	2¼ in. dia.	12 x 3¼ in.	98
	For Single Communicating Doors		
TL3377	2¼ in. dia.	12 x3¼ in.	99
	For Office Doors		
TL3070	2¼ in. dia.	12 x 3¼ in.	100
TL3470	2¼ " "	12 x 3¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
TL3172	2¼ in. dia.	12 x 3¼ in.	102
	For Toilet Room Doors, etc.		
TL3021	2¼ in. dia.	12 x 3¼ in.	103

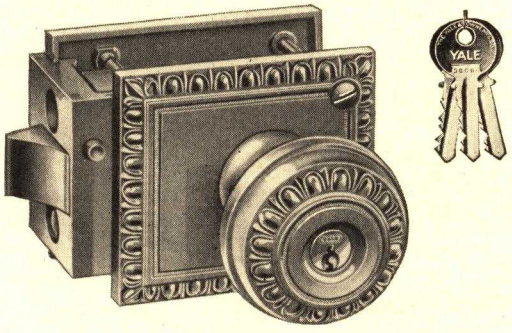
When sets are wanted with a 3 in. backset and the regular 5/8 in. throw of bolt, add 500 to the set number, thus—TL3000-TL3500. If a 3 in. backset and 3/4 in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—TL3500-TL13500. The locks with 2 3/4 in. backset can only be furnished with the regular 5/8 in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and 3/4 in. throw of bolt.

CUTS ONE-THIRD SIZE

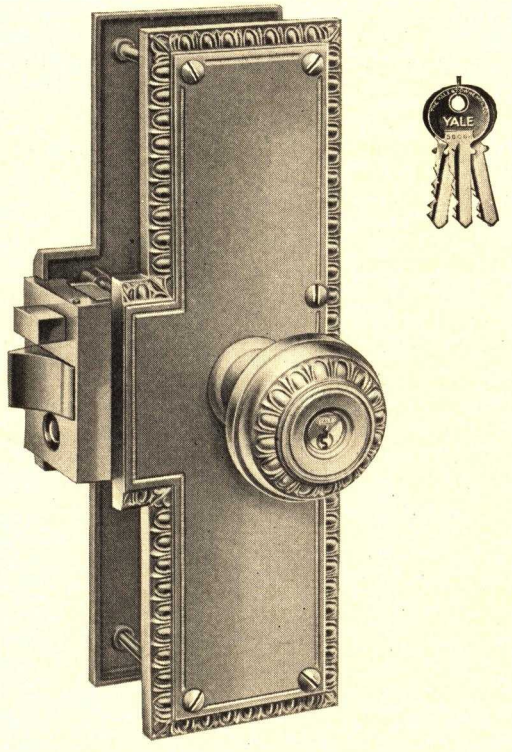
MONO-LOCK SETS

GM (Marathon Design)

Cast Bronze or Brass



No. GM3000 Lock Set



No. GM3125 Lock Set

Master-keyed as explained on page XXXIII.
Each in a box, with screws.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

With Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
GM3257	2¼ in. dia.	3 9/16 x 4 5/32 in.	95
	For Vestibule and Office Doors		
GM3000	2¼ in. dia.	3 9/16 x 4 5/32 in.	96
GM3005	2¼ " "	3 9/16 x 4 5/32 "	96
	For Front Doors		
GM3105	2¼ in. dia.	3 9/16 x 4 5/32 in.	97
	For Double Communicating Doors		
GM3207	2¼ in. dia.	3 9/16 x 4 5/32 in.	98
	For Single Communicating Doors		
GM3357	2¼ in. dia.	3 9/16 x 4 5/32 in.	99
	For Office Doors		
GM3050	2¼ in. dia.	3 9/16 x 4 5/32 in.	100
GM3450	2¼ " "	3 9/16 x 4 5/32 "	101
	For Corridor Closets, Elevator Shafts, etc.		
GM3152	2¼ in. dia.	3 9/16 x 4 5/32 in.	102
	For Toilet Room Doors, etc.		
GM3001	2¼ in. dia.	3 9/16 x 4 5/32 in.	103

With Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
GM3277	2¼ in. dia.	11 x 3¼ in.	95
	For Vestibule and Office Doors		
GM3020	2¼ in. dia.	11 x 3¼ in.	96
GM3025	2¼ " "	11 x 3¼ "	96
	For Front Doors		
GM3125	2¼ in. dia.	11 x 3¼ in.	97
	For Double Communicating Doors		
GM3227	2¼ in. dia.	11 x 3¼ in.	98
	For Single Communicating Doors		
GM3377	2¼ in. dia.	11 x 3¼ in.	99
	For Office Doors		
GM3070	2¼ in. dia.	11 x 3¼ in.	100
GM3470	2¼ " "	11 x 3¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
GM3172	2¼ in. dia.	11 x 3¼ in.	102
	For Toilet Room Doors, etc.		
GM3021	2¼ in. dia.	11 x 3¼ in.	103

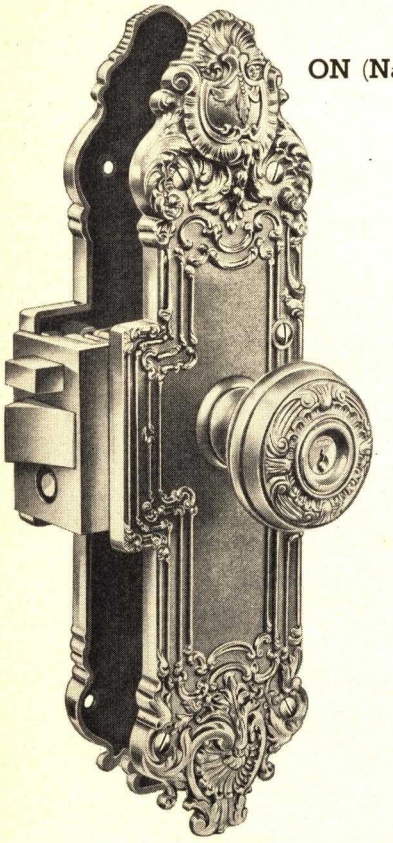
When sets are wanted with a 3 in. backset and the regular 5/8 in. throw of bolt, add 500 to the set number, thus—GM3000-GM3500. If a 3 in. backset and 3/4 in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—GM3500-GM13500. The locks with 2 3/4 in. backset can only be furnished with the regular 5/8 in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and 3/4 in. throw of bolt.

MONO-LOCK SETS

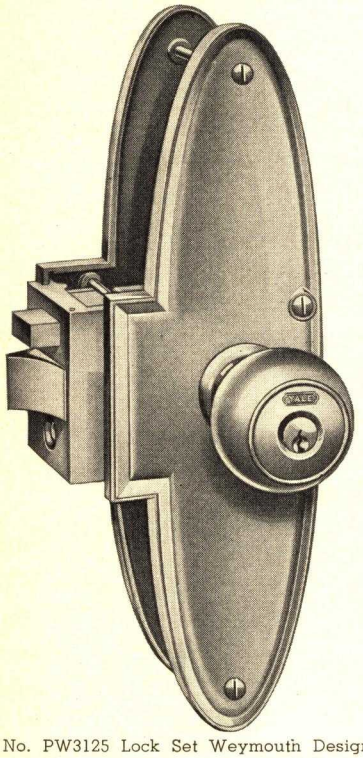
ON (Navarro Design) PW (Weymouth Design)

Cast Bronze or Brass

CUTS ONE-THIRD SIZE



No. ON3125 Lock Set Navarro Design



No. PW3125 Lock Set Weymouth Design

Navarro Design with Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
ON3277	2¼ in. dia.	13 x 3½ in.	95
	For Vestibule and Office Doors		
ON3020	2¼ in. dia.	13 x 3½ in.	96
ON3025	2¼ " "	13 x 3½ "	96
	For Front Doors		
ON3125	2¼ in. dia.	13 x 3½ in.	97
	For Double Communicating Doors		
ON3227	2¼ in. dia.	13 x 3½ in.	98
	For Single Communicating Doors		
ON3377	2¼ in. dia.	13 x 3½ in.	99
	For Office Doors		
ON3070	2¼ in. dia.	13 x 3½ in.	100
ON3470	2¼ " "	13 x 3½ "	101
	For Corridor Closets, Elevator Shafts, etc.		
ON3172	2¼ in. dia.	13 x 3½ in.	102
	For Toilet Room Doors, etc.		
ON3021	2¼ in. dia.	13 x 3½ in.	103

Weymouth Design with Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
PW3277	2¼ in. dia.	11½ x 3 in.	95
	For Vestibule and Office Doors		
PW3020	2¼ in. dia.	11½ x 3 in.	96
PW3025	2¼ " "	11½ x 3 "	96
	For Front Doors		
PW3125	2¼ in. dia.	11½ x 3 in.	97
	For Double Communicating Doors		
PW3227	2¼ in.dia.	11½ x 3 in.	98
	For Single Communicating Doors		
PW3377	2¼ in. dia.	11½ x 3 in.	99
	For Office Doors		
PW3070	2¼ in. dia.	11½ x 3 in.	100
PW3470	2¼ " "	11½ x 3 "	101
	For Corridor Closets, Elevator Shafts, etc.		
PW3172	2¼ in. dia.	11½ x 3 in.	102
	For Toilet Room Doors, etc.		
PW3021	2¼ in. dia.	11½ x 3 in.	103

Master-keyed as explained on page XXXIII.

Each in a box, with screws.

When ordering, give list number, thickness of door, and finish.

For finishes, see page XXV.

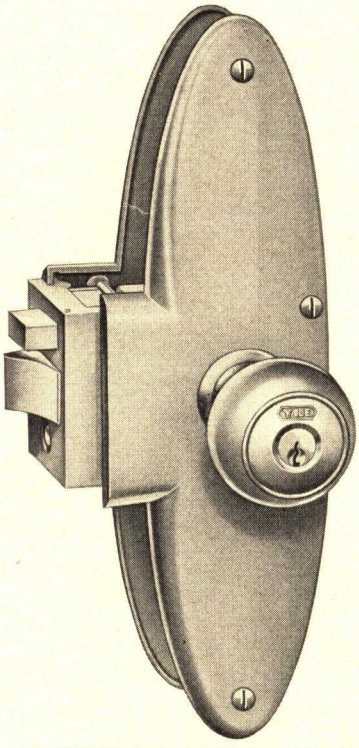
When sets are wanted with a 3 in. backset and the regular ⅝ in. throw of bolt, add 500 to the set number, thus—ON3020-ON3520 etc. If a 3 in. backset and ¾ in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—ON 3520-ON13520 etc. The locks with 2¾ in. backset can only be furnished with the regular ⅝ in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and ¾ in. throw of bolt.

CUTS ONE-THIRD SIZE

MONO-LOCK SETS

HP (Piedmont Design) HQ (Queenstown Design)

Cast Bronze or Brass

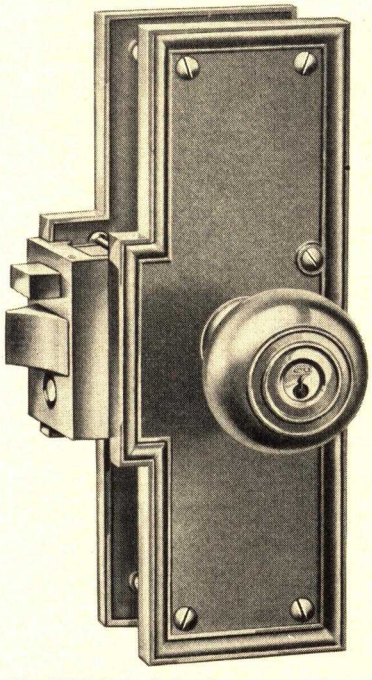




No. HP3125 Lock Set Piedmont Design

Piedmont Design with Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
HP3277	2¼ in. dia.	1½ x 3 in.	95
	For Vestibule and Office Doors		
HP3020	2¼ in. dia.	1½ x 3 in.	96
HP3025	2¼ " "	1½ x 3 "	96
	For Front Doors		
HP3125	2¼ in. dia.	1½ x 3 in.	97
	For Double Communicating Doors		
HP3227	2¼ in. dia.	1½ x 3 in.	98
	For Single Communicating Doors		
HP3377	2¼ in. dia.	1½ x 3 in.	99
	For Office Doors		
HP3070	2¼ in. dia.	1½ x 3 in.	100
HP3470	2¼ " "	1½ x 3 "	101
	For Corridor Closets, Elevator Shafts, etc.		
HP3172	2¼ in. dia.	1½ x 3 in.	102
	For Toilet Room Doors, etc.		
HP3021	2¼ in. dia.	1½ x 3 in.	103





No. HQ3125 Lock Set Queenstown Design

Queenstown Design with Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
HQ3277	2¼ in. dia.	10 x 3¼ in.	95
	For Vestibule and Office Doors		
HQ3020	2¼ in. dia.	10 x 3¼ in.	96
HQ3025	2¼ " "	10 x 3¼ "	96
	For Front Doors		
HQ3125	2¼ in. dia.	10 x 3¼ in.	97
	For Double Communicating Doors		
HQ3227	2¼ in. dia.	10 x 3¼ in.	98
	For Single Communicating Doors		
HQ3377	2¼ in. dia.	10 x 3¼ in.	99
	For Office Doors		
HQ3070	2¼ in. dia.	10 x 3¼ in.	100
HQ3470	2¼ " "	10 x 3¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
HQ3172	2¼ in. dia.	10 x 3¼ in.	102
	For Toilet Room Doors, etc.		
HQ3021	2¼ in. dia.	10 x 3¼ in.	103

Master-keyed as explained on page XXXIII.

Each in a box, with screws.

When ordering, give list number, thickness of door, and finish.

For finishes, see page XXV.

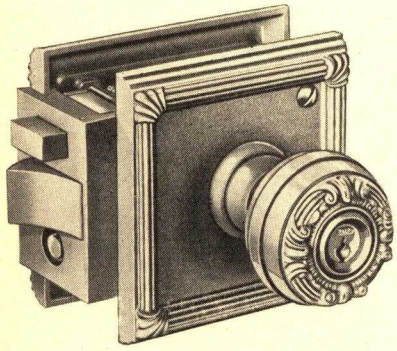
When sets are wanted with a 3 in. backset and the regular ⅝ in. throw of bolt, add 500 to the set number, thus—HP3020-HP3520 etc. If a 3 in. backset and ¾ in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—HP3520-HP13520 etc. The locks with 2¾ in. backset can only be furnished with the regular ⅝ in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and ¾ in. throw of bolt.

MONO-LOCK SETS

KR (Riberac Design)

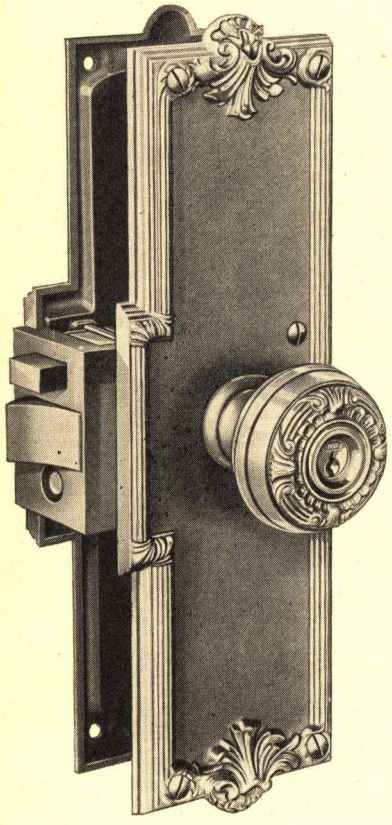
Cast Bronze or Brass

CUTS ONE-THIRD SIZE





No. KR3105 Lock Set





No. KR3125 Lock Set

Master-keyed as explained on page XXXIII.
Each in a box, with screws.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

With Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
KR3257	2¼ in. dia.	4⅛ x 4 7/16 in.	95
	For Vestibule and Office Doors		
KR3000	2¼ in. dia.	4⅛ x 4 7/16 in.	96
KR3005	2¼ " "	4⅛ x 4 7/16 "	96
	For Front Doors		
KR3105	2¼ in. dia.	4⅛ x 4 7/16 in.	97
	For Double Communicating Doors		
KR3207	2¼ in. dia.	4⅛ x 4 7/16 in.	98
	For Single Communicating Doors		
KR3357	2¼ in. dia.	4⅛ x 4 7/16 in.	99
	For Office Doors		
KR3050	2¼ in. dia.	4⅛ x 4 7/16 in.	100
KR3450	2¼ " "	4⅛ x 4 7/16 "	101
	For Corridor Closets, Elevator Shafts, etc.		
KR3152	2¼ in. dia.	4⅛ x 4 7/16 in.	102
	For Toilet Room Doors, etc.		
KR3001	2¼ in. dia.	4⅛ x 4 7/16 in.	103

With Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
KR3277	2¼ in. dia.	12½ x 3¾ in.	95
	For Vestibule and Office Doors		
KR3020	2¼ in. dia.	12½ x 3¾ in.	96
KR3025	2¼ " "	12½ x 3¾ "	96
	For Front Doors		
KR3125	2¼ in. dia.	12½ x 3¾ in.	97
	For Double Communicating Doors		
KR3227	2¼ in. dia.	12½ x 3¾ in.	98
	For Single Communicating Doors		
KR3377	2¼ in. dia.	12½ x 3¾ in.	99
	For Office Doors		
KR3070	2¼ in. dia.	12½ x 3¾ in.	100
KR3470	2¼ " "	12½ x 3¾ "	101
	For Corridor Closets, Elevator Shafts, etc.		
KR3172	2¼ in. dia.	12½ x 3¾ in.	102
	For Toilet Room Doors, etc.		
KR3021	2¼ in. dia.	12½ x 3¾ in.	103

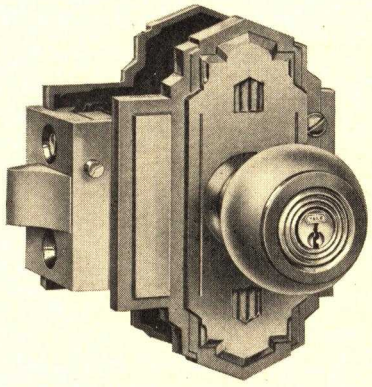
When sets are wanted with a 3 in. backset and the regular ⅝ in. throw of bolt, add 500 to the set number, thus—KR3000-KR3500. If a 3 in. backset and ¾ in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—KR3500-KR13500. The locks with 2¾ in. backset can only be furnished with the regular ⅝ in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and ¾ in. throw of bolt.

CUTS ONE-THIRD SIZE

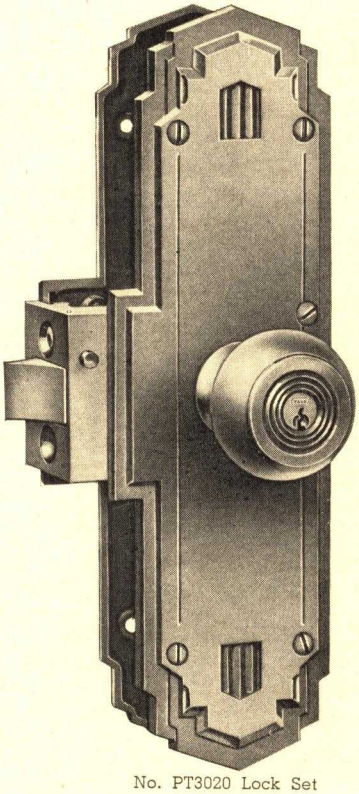
MONO-LOCK SETS

PT (Tower Design)

Cast Bronze or Brass



No. PT3000 Lock Set



No. PT3020 Lock Set

Master-keyed as explained on page XXXIII.
Each in a box, with screws.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

With Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
PT3257	2¼ in. dia.	5 11/16 x 4 1/16 in.	95
	For Vestibule and Office Doors		
PT3000	2¼ in. dia.	5 11/16 x 4 1/16 in.	96
PT3005	2¼ " "	5 11/16 x 4 1/16 "	96
	For Front Doors		
PT3105	2¼ in. dia.	5 11/16 x 4 1/16 in.	97
	For Double Communicating Doors		
PT3207	2¼ in. dia.	5 11/16 x 4 1/16 in.	98
	For Single Communicating Doors		
PT3357	2¼ in. dia.	5 11/16 x 4 1/16 in.	99
	For Office Doors		
PT3050	2¼ in. dia.	5 11/16 x 4 1/16 in.	100
PT3450	2¼ " "	5 11/16 x 4 1/16 "	101
	For Corridor Closets, Elevator Shafts, etc.		
PT3152	2¼ in. dia.	5 11/16 x 4 1/16 in.	102
	For Toilet Room Doors, etc.		
PT3001	2¼ in. dia.	5 11/16 x 4 1/16 in.	103

With Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
PT3277	2¼ in. dia.	12 x 3¼ in.	95
	For Vestibule and Office Doors		
PT3020	2¼ in. dia.	12 x 3¼ in.	96
PT3025	2¼ " "	12 x 3¼ "	96
	For Front Doors		
PT3125	2¼ in. dia.	12 x 3¼ in.	97
	For Double Communicating Doors		
PT3227	2¼ in. dia.	12 x 3¼ in.	98
	For Single Communicating Doors		
PT3377	2¼ in. dia.	12 x 3¼ in.	99
	For Office Doors		
PT3070	2¼ in. dia.	12 x 3¼ in.	100
PT3470	2¼ " "	12 x 3¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
PT3172	2¼ in. dia.	12 x 3¼ in.	102
	For Toilet Room Doors, etc.		
PT3021	2¼ in. dia.	12 x 3¼ in.	103

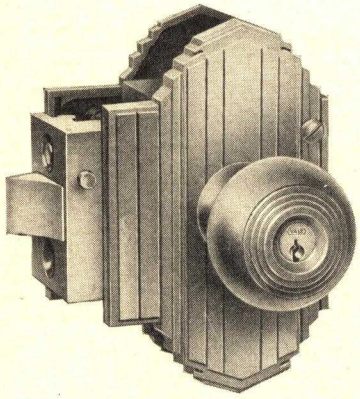
When sets are wanted with a 3 in. backset and the regular 5/8 in. throw of bolt, add 500 to the set number, thus—PT3000-PT3500. If a 3 in. backset and 3/4 in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—PT3500-PT13500. The locks with 2 3/4 in. backset can only be furnished with the regular 5/8 in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and 3/4 in. throw of bolt.

MONO-LOCK SETS

QV (Verticon Design)

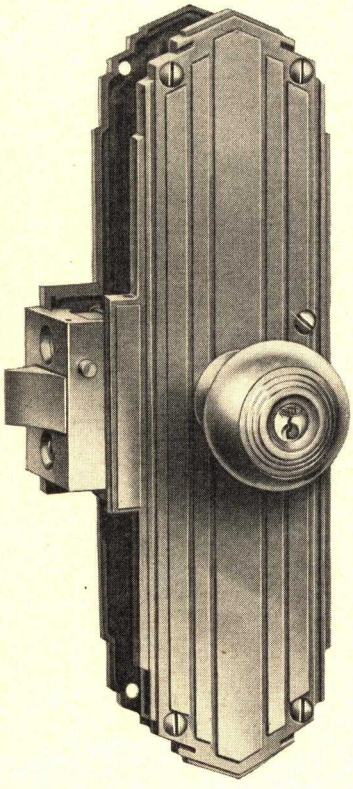
Cast Bronze or Brass

CUTS ONE-THIRD SIZE





No. QV3000 Lock Set





No. QV3020 Lock Set

Master-keyed as explained on page XXXIII.

Each in a box, with screws.

When ordering, give list number, thickness of door, and finish.

For finishes, see page XXV.

With Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
QV3257	2¼ in. dia.	5 11/16 x 4 1/16 in.	95
	For Vestibule and Office Doors		
QV3000	2¼ in. dia.	5 11/16 x 4 1/16 in.	96
QV3005	2¼ " "	5 11/16 x 4 1/16 "	96
	For Front Doors		
QV3105	2¼ in. dia.	5 11/16 x 4 1/16 in.	97
	For Double Communicating Doors		
QV3207	2¼ in. dia.	5 11/16 x 4 1/16 in.	98
	For Single Communicating Doors		
QV3357	2¼ in. dia.	5 11/16 x 4 1/16 in.	99
	For Office Doors		
QV3050	2¼ in. dia.	5 11/16 x 4 1/16 in.	100
QV3450	2¼ " "	5 11/16 x 4 1/16 "	101
	For Corridor Closets, Elevator Shafts, etc.		
QV3152	2¼ in. dia.	5 11/16 x 4 1/16 in.	102
	For Toilet Room Doors, etc.		
QV3001	2¼ in. dia.	5 11/16 x 4 1/16 in.	103

With Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
QV3277	2¼ in. dia.	12 x 3¼ in.	95
	For Vestibule and Office Doors		
QV3020	2¼ in. dia.	12 x 3¼ in.	96
QV3025	2¼ " "	12 x 3¼ "	96
	For Front Doors		
QV3125	2¼ in. dia.	12 x 3¼ in.	97
	For Double Communicating Doors		
QV3227	2¼ in. dia.	12 x 3¼ in.	98
	For Single Communicating Doors		
QV3377	2¼ in. dia.	12 x 3¼ in.	99
	For Office Doors		
QV3070	2¼ in. dia.	12 x 3¼ in.	100
QV3470	2¼ " "	12 x 3¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
QV3172	2¼ in. dia.	12 x 3¼ in.	102
	For Toilet Room Doors, etc.		
QV3021	2¼ in. dia.	12 x 3¼ in.	103

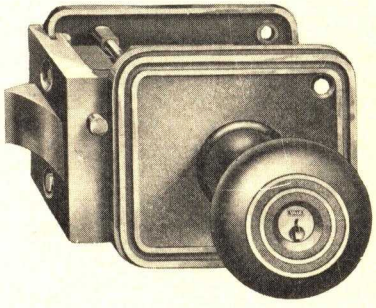
When sets are wanted with a 3 in. backset and the regular ⅝ in. throw of bolt, add 500 to the set number, thus—QV3000-QV3500. If a 3 in. backset and ¾ in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—QV3500-QV13500. The locks with 2¾ in. backset can only be furnished with the regular ⅝ in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and ¾ in. throw of bolt.

CUTS ONE-THIRD SIZE

MONO-LOCK SETS

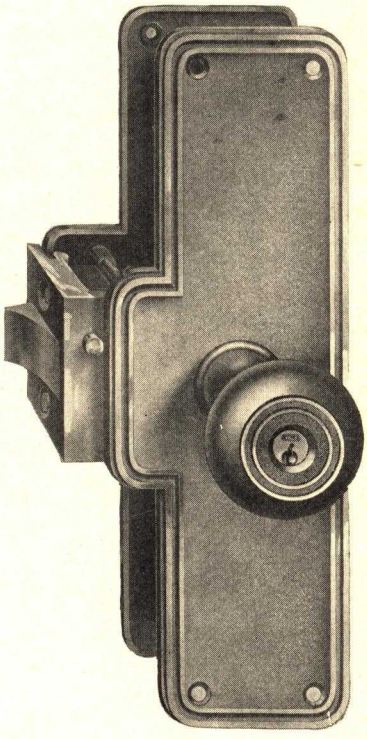
JW (Warwick Design)

Cast Bronze or Brass





No. JW3000 Lock Set





No. JW3020 Lock Set

Master-keyed as explained on page XXXIII.
Each in a box, with screws.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

With Horizontal Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
JW3257	2¼ in. dia.	3½ x 4⅜ in.	95
	For Vestibule and Office Doors		
JW3000	2¼ in. dia.	3½ x 4⅜ in.	96
JW3005	2¼ " "	3½ x 4⅜ "	96
	For Front Doors		
JW3105	2¼ in. dia.	3⅞ x 4¼ in.	97
	For Double Communicating Doors		
JW3207	2¼ in. dia.	3⅞ x 4¼ in.	98
	For Single Communicating Doors		
JW3357	2¼ in. dia.	3⅞ x 4¼ in.	99
	For Office Doors		
JW3050	2¼ in. dia.	3½ x 4⅜ in.	100
JW3450	2¼ " "	3½ x 4⅜ "	101
	For Corridor Closets, Elevator Shafts, etc.		
JW3152	2¼ in. dia.	3½ x 4⅜ in.	102
	For Toilet Room Doors, etc.		
JW3001	2¼ in. dia.	3⅞ x 4¼ in.	103

With Vertical Escutcheon Plates

No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
JW3277	2¼ in. dia.	11 x 3½ in.	95
	For Vestibule and Office Doors		
JW3020	2¼ in. dia.	11 x 3½ in.	96
JW3025	2¼ " "	11 x 3½ "	96
	For Front Doors		
JW3125	2¼ in. dia.	11 x 3½ in.	97
	For Double Communicating Doors		
JW3227	2½ in. dia.	11 x 3½ in.	98
	For Single Communicating Doors		
JW3377	2¼ in. dia.	11 x 3½ in.	99
	For Office Doors		
JW3070	2¼ in. dia.	11 x 3½ in.	100
JW3470	2¼ " "	11 x 3½ "	101
	For Corridor Closets, Elevator Shafts, etc.		
JW3172	2¼ in. dia.	11 x 3½ in.	102
	For Toilet Room Doors, etc.		
JW3021	2¼ in. dia.	11 x 3½ in.	103

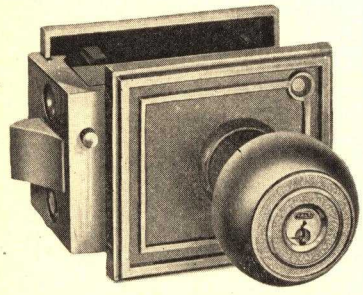
When sets are wanted with a 3 in. backset and the regular ⅝ in. throw of bolt, add 500 to the set number, thus—JW3000-JW3500. If a 3 in. backset and ¾ in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—JW3500-JW13500. The locks with 2¾ in. backset can only be furnished with the regular ⅝ in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and ¾ in. throw of bolt.

MONO-LOCK SETS

NY (Yuma Design)

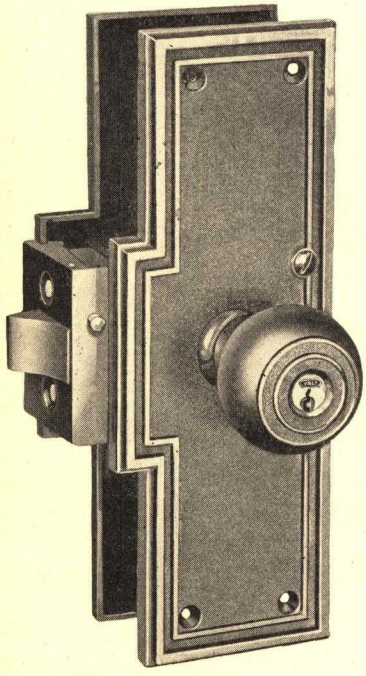
Cast Bronze or Brass

CUTS ONE-THIRD SIZE





No. NY3000 Lock Set





No. NY3020 Lock Set

Master-keyed as explained on page XXXIII.
Each in a box, with screws.
When ordering, give list number, thickness of door, and finish.
For finishes, see page XXV.

With Horizontal Escutcheon Plates

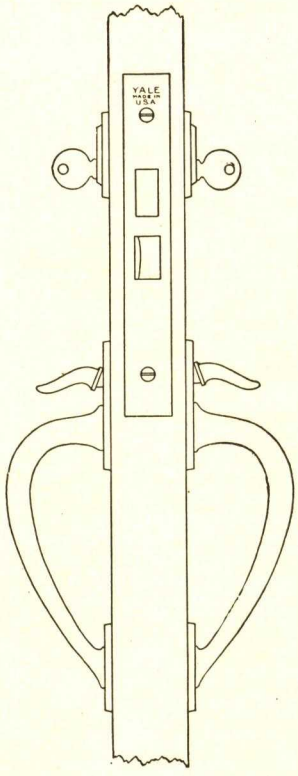
No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
NY3257	2¼ in. dia.	3¾ x 4¼ in.	95
	For Vestibule and Office Doors		
NY3000	2¼ in. dia.	3⅜ x 4¼ in.	96
NY3005	2¼ " "	3⅜ x 4¼ "	96
	For Front Doors		
NY3105	2¼ in. dia.	3¾ x 4¼ in.	97
	For Double Communicating Doors		
NY3207	2¼ in. dia.	3¾ x 4¼ in.	98
	For Single Communicating Doors		
NY3357	2¼ in. dia.	3¾ x 4¼ in.	99
	For Office Doors		
NY3050	2¼ in. dia.	3⅜ x 4¼ in.	100
NY3450	2¼ " "	3⅜ x 4¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
NY3152	2¼ in. dia.	3⅜ x 4¼ in.	102
	For Toilet Room Doors, etc.		
NY3001	2¼ in. dia.	3¾ x 4¼ in.	103

With Vertical Escutcheon Plates

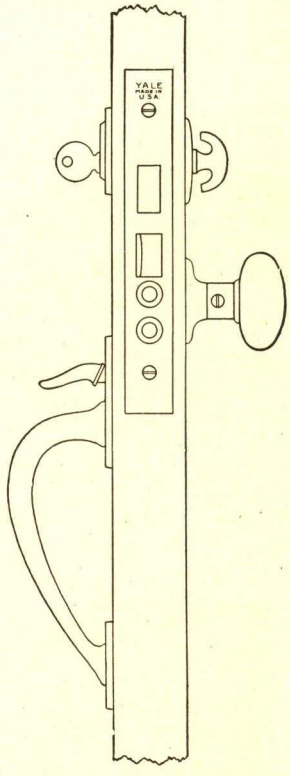
No.	Knobs	Plates	For Description of Lock, see page
	Knob Latch for Inside Doors		
NY3277	2¼ in. dia.	10 x 3¼ in.	95
	For Vestibule and Office Doors		
NY3020	2¼ in. dia.	10 x 3¼ in.	96
NY3025	2¼ " "	10 x 3¼ "	96
	For Front Doors		
NY3125	2¼ in. dia.	10 x 3¼ in.	97
	For Double Communicating Doors		
NY3227	2¼ in. dia.	10 x 3¼ in.	98
	For Single Communicating Doors		
NY3377	2¼ in. dia.	10 x 3¼ in.	99
	For Office Doors		
NY3070	2¼ in. dia.	10 x 3¼ in.	100
NY3470	2¼ " "	10 x 3¼ "	101
	For Corridor Closets, Elevator Shafts, etc.		
NY3172	2¼ in. dia.	10 x 3¼ in.	102
	For Toilet Room Doors, etc.		
NY3021	2¼ in. dia.	10 x 3¼ in.	103

When sets are wanted with a 3 in. backset and the regular ⅝ in. throw of bolt, add 500 to the set number, thus—NY3000-NY3500. If a 3 in. backset and ¾ in. throw of bolt is wanted, add 10,000 to the set number with the 3 in. backset, thus—NY3500-NY13500. The locks with 2¾ in. backset can only be furnished with the regular ⅝ in. throw of bolt. See the GT design for sets that can be furnished with 3 in. BS and ¾ in. throw of bolt.

ENTRANCE DOOR HANDLE SETS



Cuts show edge of door with cylinder locks complete with trim. For use on store and residence entrance doors.



Entrance Door Handle Set for Store Doors

Lock shown above is No. 7432¼
Locks Nos. 414¼, 432¼, 472¼, 482, 7472¼, 7482, 426¼ and 7426¼ also require a pair of handles.

Entrance Door Handle Set for Residence Front Doors

Lock shown above is No. 7428.
Lock No. 7438 is the same as above, but without the dead bolt and turn knob, for use on vestibule doors.

Above handles are No. GN1534. For other designs see the following pages.

The lock sets on the following pages are listed with the Nos. 7432¼ and 7428 locks. The first four numerals in the set number indicate the lock.

Where the 472¼, 7472¼, 482, 7482, 426¼, or 7426¼ lock is wanted in a set in place of the No. 7432¼, the first three or four numerals in the set number will be changed as follows:

Example: The No. GN74325 set is packed with a No. 7432¼ lock. With a No. 7472¼ lock the set number would be GN74725, with No. 432¼ lock GN4325; with a No. 7426¼ lock GN-74265.

No. GN74285 set is packed with a No. 7428 lock, if the Nos. 7438 lock is wanted, change the set number to GN74385.

Nos. 414¼, 432¼, 7432¼, 472¼, 7472¼, 482, 7482, 426¼ and 7426¼ locks require two handles, one for each side of the door.

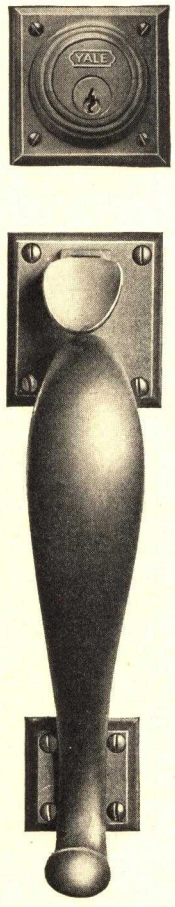
Nos. 428, 7428, 438 and 7438 locks require one handle for outside of door and ½ pair of knobs and roses inside. Nos. 428 and 7428 also require a turn knob and plate inside to operate the deadbolt.

For the correct method of measuring the spacing of entrance door locks and handles, see page XXVIII.

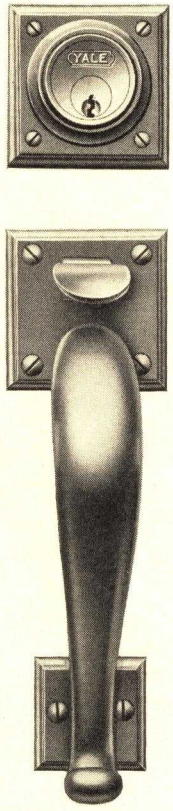
ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass

CUTS ONE-THIRD SIZE



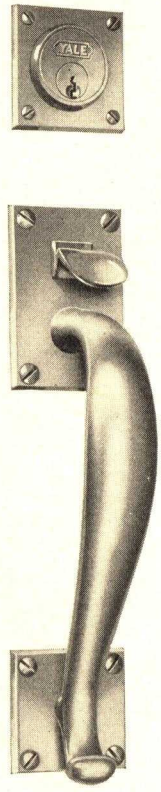
Handle
No. PN4534
Newport Design



Handle
No. PN2534
Newport Design



Handle
No. GN1534
(Style of No. GN4534)
Newton Design



Handle
No. GN2534
Newton Design

Lock Sets

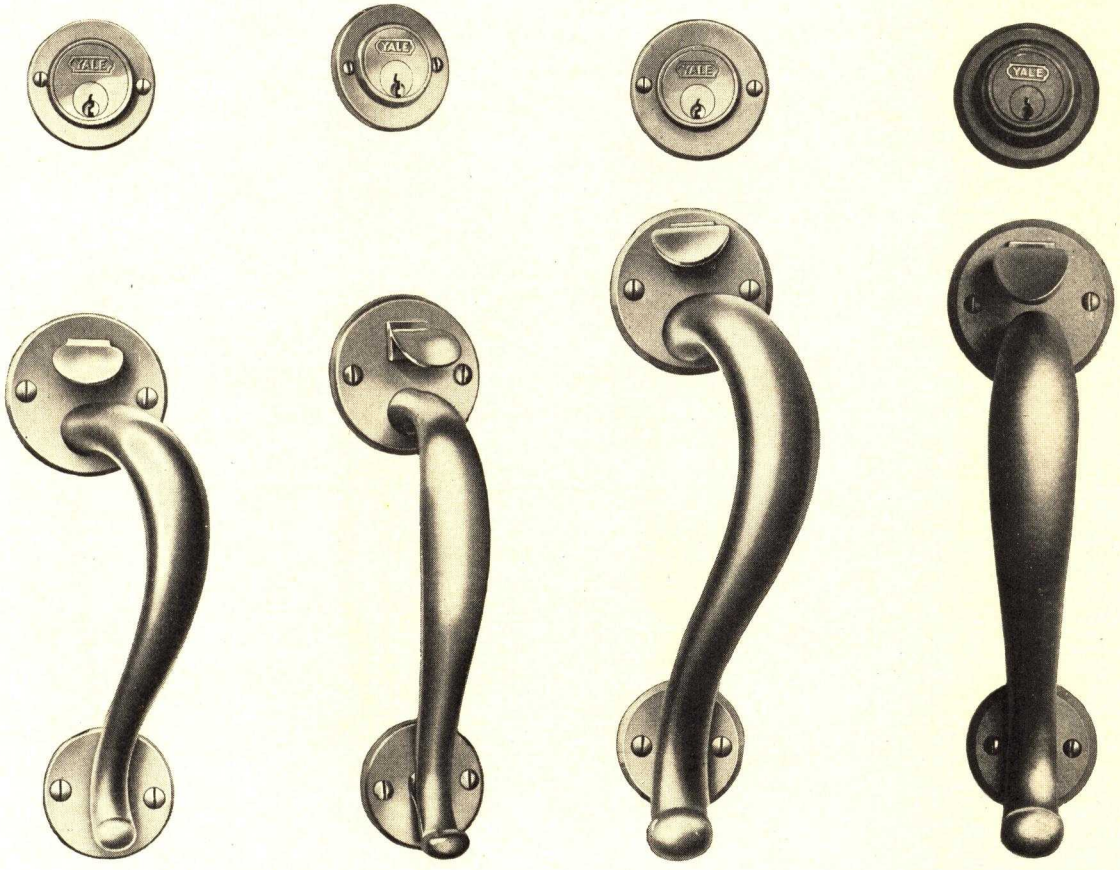
Set Number No. 7432¼ Lock (See page 17)	Set Number No. 7428 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
PN74326	**PN74286***	PN4534	Cast bronze	10¼ x 2½ in.	2½ x 2½ in.	95	6¾ in.
PN74325	**PN74285***	PN2534	" "	8⅝ x 2⅜ "	2⅜ x 2⅜ "	234	6 "
GN74325	**GN74285***	GN1534	" "	8⅝ x 2 "	2 x 2 "	270	5⅝ "
GN74327	**GN74287***	GN4534	" "	9½ x 2 "	2 x 2 "	71	6⅝ "
GN74328	**GN74288***	GN2534	" "	9 x 2 "	2 x 2 "	234	6 "

†Size is measurement of complete handle, but without cylinder plate.
*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside.
Nos. 432¼, 472¼ or 7472¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE

ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass



Handle No. TM1534½‡ Offset Grip Mystic Design

Handle No. TM1534 Mystic Design

Handle No. TM4534½‡ Offset Grip Mystic Design

Handle No. TM4534 Mystic Design

Lock Sets

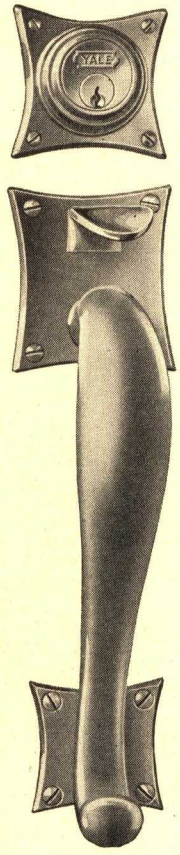
Set Number No. 7432¼ Lock (See page 17)	No. 7428 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
TM74325OG	**TM74285OG***	TM1534½‡	Cast bronze	8½ x 2⅝ in.	2⅛ in. dia.	34½	5½ in.
TM74325	**TM74285***	TM1534	" "	9 x 2⅝ "	2⅛ " "	234	6 "
TM74326OG	**TM74286OG**	TM4534½‡	" "	10¼ x 2¾ "	2⅜ " "	94½	6¾ "
TM74326	**TM74286***	TM4534	" "	10¼ x 2¾ "	2⅜ " "	94	6¾ "

‡Not reversible, specify hand.
†Size is measurement of complete handle, but without cylinder plate.
*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside.
Nos. 432¼, 472¼ or 7472¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

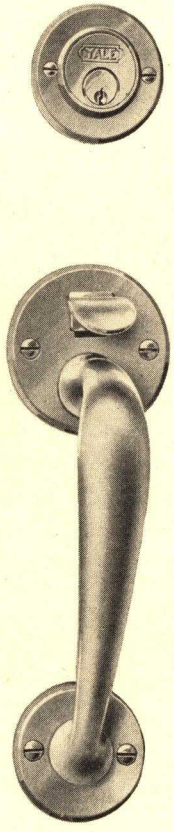
ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass

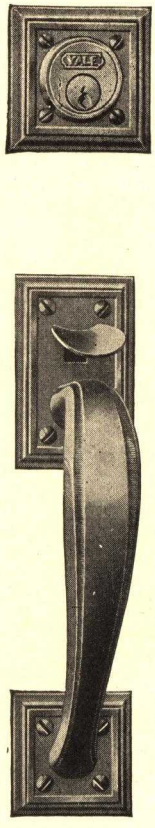
CUTS ONE-THIRD SIZE



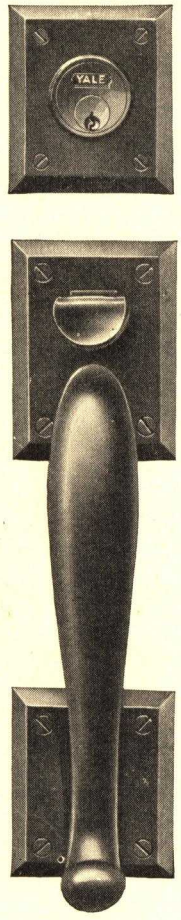
Handle
No. JD4534
Dedham Design



Handle
No. TM1734
(Style of No. TM4734)
Mystic Design



Handle
No. GA4534
(Style of No. GA4734)
Athenian Design



Handle
No. GS6534
Stonington Design

Lock Sets

Set Number No. 7432¼ Lock (See page 17)	No. 7428 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
JD74325	**JD74285***	JD4534	Cast bronze	10½ x 2⅝ in.	2½ x 2½ in.	94	6¾ in.
TM74329	**TM74289***	TM1734	" "	8⅝ x 2⅝ "	2⅛ in. dia.	270	5⅝ "
TM74327	**TM74287***	TM4734	" "	9⅝ x 2⅝ "	2⅛ " "	71	6⅝ "
GA74325	**GA74285***	GA4534	" "	9 x 2 "	2¼ x 2¼ in.	31	5¾ "
GA74327	**GA74287***	GA4734	" "	8⅞ x 2 "	2¼ x 2¼ "	270	5⅝ "
GS74325	**GS74285***	GS6534	" "	11 x 2¾ "	3⅛ x 2¾ "	94	6¾ "

†Size is measurement of complete handle, but without cylinder plate.
*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside.
Nos. 432¼, 472¼ or 7472¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE

ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass

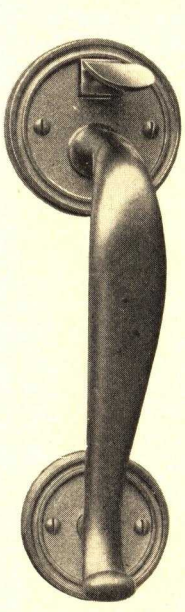




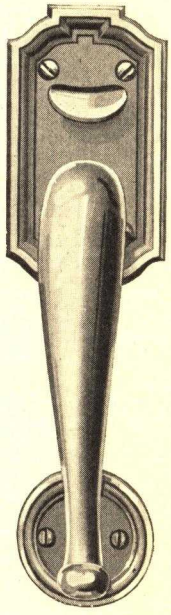




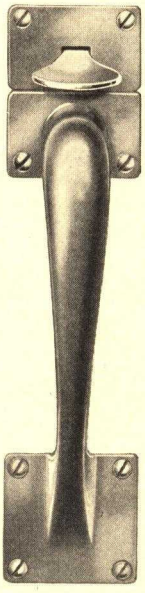




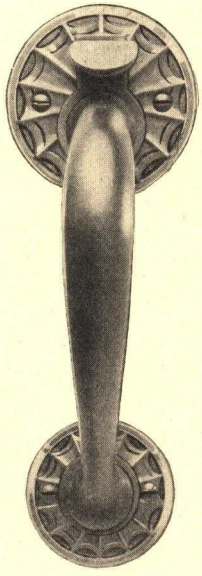
Handle
No. MF4534
Style of Nos.
MF4634 and MF4734
Fenway Design



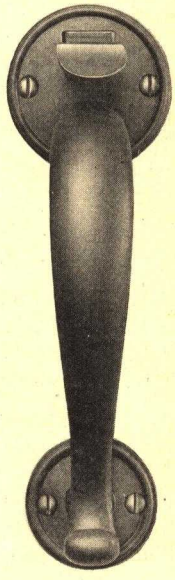
Handle
No. CZ4534‡
Zenobian Design



Handle
No. UH1534
Hadley Design



Handle
No. MG4534
Gateshead Design



Handle
No. SW2534
Wellesley Design

Lock Sets

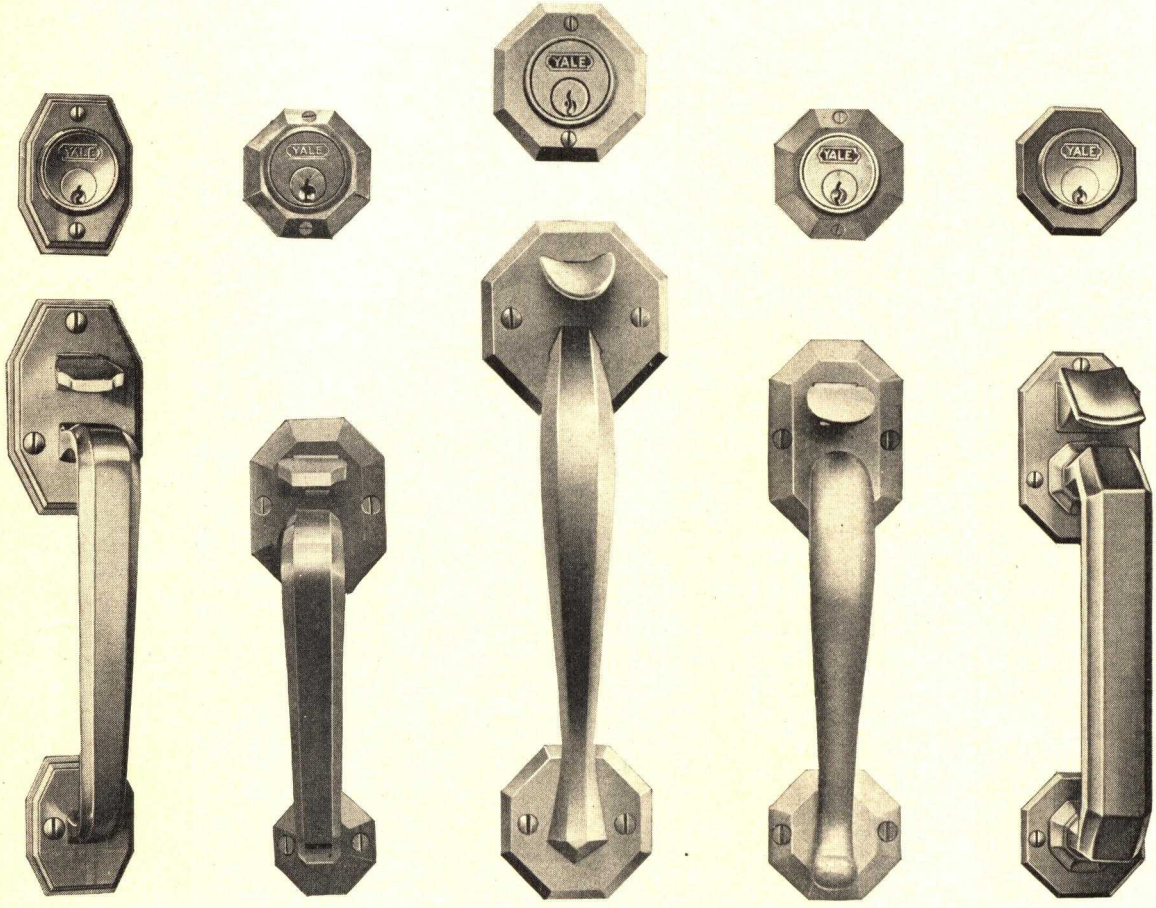
Set Number No. 7432¼ Lock (See page 17)	Set Number No. 7423 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
MF74325	**MF74285***	MF4534	Cast bronze	9 x 2⅞ in.	2 7/16 in. dia.	234	6 in.
MF74326	**MF74286***	MF4634	" "	8½ x 2⅞ "	2 7/16 " "	260	5⅝ "
MF74327	**MF74287***	MF4734	" "	8½ x 2⅞ "	2 7/16 " "	270	5⅝ "
CZ74325	**CZ74285***	CZ4534‡	" & wrt. bronze	9½ x 2½ "	2¼ " "	234	6 "
UH74325	**UH74285***	UH1534	" bronze	8⅝ x 2 "	2 x 2 in.	17	5¾ "
MG74325	**MG74285***	MG4534	" "	8½ x 2 15/16 "	2¼ in. dia.	270	5⅝ "
SW74325	**SW74285***	SW2534	" "	8½ x 2½ "	2½ " "	234	6 "

†Size is measurement of complete handle, but without cylinder plate.
‡Wrought plates and cast grip.
*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside.
Nos. 432¼, 472¼ or 7472¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass

CUTS ONE-THIRD SIZE



Handle No. RR4634 Ramsey Design

Handle No. KA1534 Alameda Design

Handle No. KA4634 Alameda Design

Handle No. KA2534 Alameda Design

Handle No. EHA4534

Lock Sets

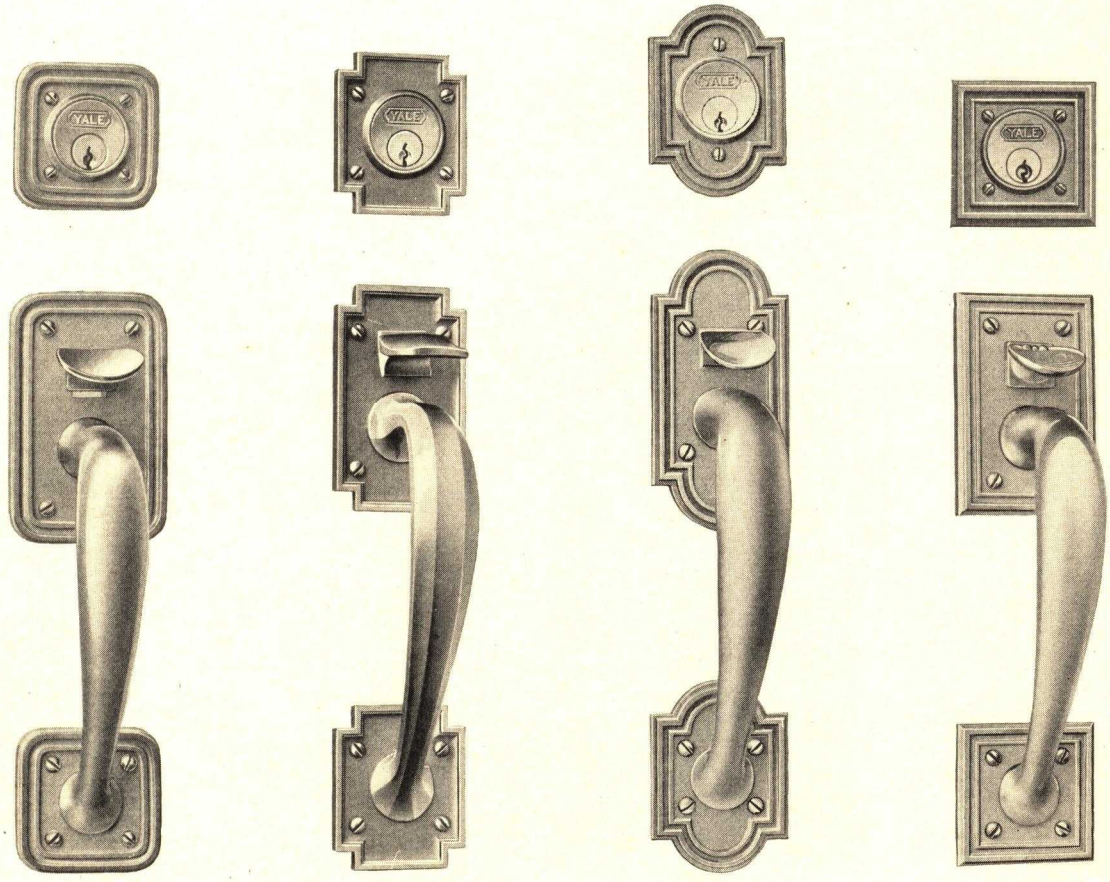
Set Number No. 7432¼ Lock (See page 17)	Set Number No. 7428 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
RR74325	**RR74285***	RR4634	Cast bronze	9⅜ x 2¼ in.	2½ x 1⅞ in.	144	6 in.
KA74325	**KA74285***	KA1534	" "	7½ x 2⅛ "	2 x 2 "	32	5 "
KA74326	**KA74286***	KA2534	" "	8⅞ x 2⅛ "	2 x 2 "	234	6 "
KA74327	**KA74287***	KA4634	" "	9¾ x 2¾ "	2¼ x 2¼ "	19	6¾ "
EHA74325	**EHA74285**	EHA4534	" "	8½ x 2 "	2 x 2 "	145	5½ "

†Size is measurement of complete handle, but without cylinder plate.
*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside.
Nos. 432¼, 472¼ or 7472¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE

ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass



Handle No. JW4534 Warwick Design

Handle No. TA4634 (Style of No. TA4534) Athens Design

Handle No. UM4534 Malaga Design

Handle No. NY4534 (Style of No. NY4634) Yuma Design

Lock Sets

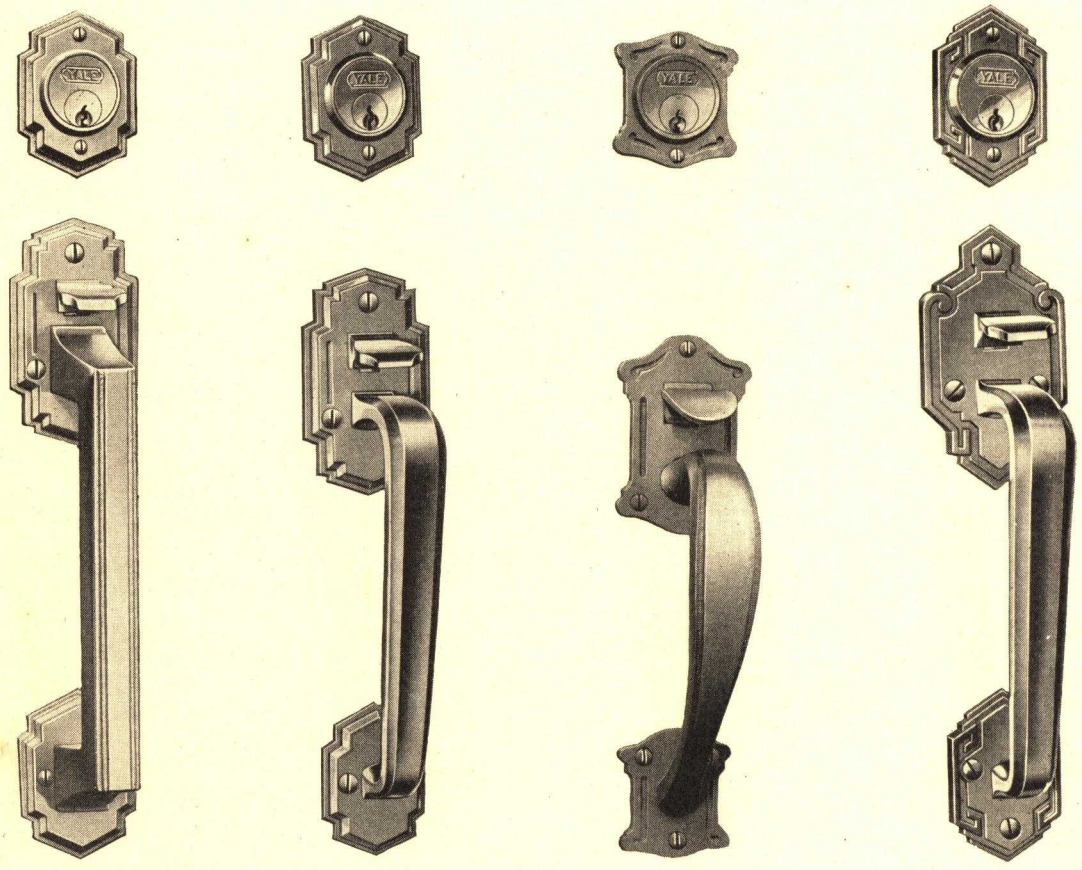
Set Number No. 7432¼ Lock (See page 17)	Set Number No. 7428 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
JW74325	**JW74285***	JW4534	Cast bronze	9¼ x 2½ in.	2¼ x 2¼ in.	270	5⅝ in.
TA74326	**TA74286***	TA4634	" "	9¼ x 2¼ "	2⅝ x 2¼ "	79	5¾ "
TA74325	**TA74285***	TA4534	" "	9⅛ x 2¼ "	2⅝ x 2¼ "	270	5⅝ "
UM74325	**UM74285***	UM4534	" "	9¾ x 2⅛ "	3 x 2⅛ "	270	5⅝ "
NY74325	**NY74285***	NY4534	" "	8¾ x 2¼ "	2¼ x 2¼ "	270	5⅝ "
NY74326	**NY74286***	NY4634	" "	8¾ x 2¼ "	2¼ x 2¼ "	260	5⅝ "

†Size is measurement of complete handle, but without cylinder plate.
*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside.
Nos. 432¼, 472¼ or 7472¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass

CUTS ONE-THIRD SIZE



Handle No. PT4634 Tower Design

Handle No. PT2534 Tower Design

Handle No. LK2534 Kendall Design

Handle No. HE2534 Etonian Design

Lock Sets

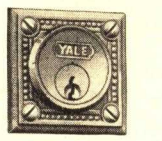
Set Number							
No. 7432¼ Lock (See page 17)	No. 7428 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
PT74326	**PT74286***	PT4634	Cast bronze	10⅛ x 2 3/16 in.	2⅝ x 2 in.	126	6½ in.
PT74325	**PT74285***	PT2534	" "	9⅝ x 2 3/16 "	2⅝ x 2 "	144	6 "
LK74325	**LK74285***	LK2534	" "	8¼ x 2¼ "	2¼ x 2 "	33	5 "
HE74325	**HE74285***	HE2534	" "	9⅞ x 2¼ "	2⅝ x 1¾ "	144	6 "

†Size is measurement of complete handle, but without cylinder plate.
*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside.
Nos. 432¼, 472¼ or 7472¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

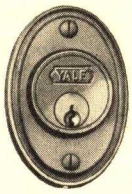
CUTS ONE-THIRD SIZE

ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass



Handle
No. PF2634
Fairfax Design



Handle
No. IQ1534
Quebec Design



Handle
No. UT2634
Taunton Design



Handle
No. SC2634
Colonna Design

Lock Sets

Set Number No. 7432¼ Lock (See page 17)	No. 7428 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
PF74325	**PF74285***	PF2634	Cast bronze	8½ x 2 in.	2 x 2 in.	260	5⅝ in.
IQ74325	**IQ74285***	IQ1534	" "	8⅛ x 2 "	3 x 2 "	271	5½ "
UT74325	**UT74285***	UT2634	" "	7⅞ x 2 "	2½ x 2 "	31	5¾ "
SC74325	**SC74285***	SC2634	" "	8⅝ x 2 "	2 x 2 "	260	5⅝ "

†Size is measurement of complete handle, but without cylinder plate.
*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside.
Nos. 432¼, 472¼ or 7472¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass

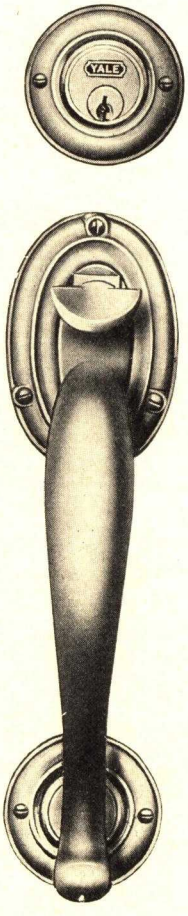
CUTS ONE-THIRD SIZE



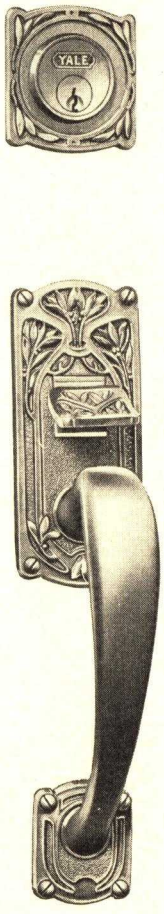
Handle
No. LO7634
Oporto Design



Handle
No. QY2514
Yatton Design



Handle
No. SB5534
Braintree Design



Handle
No. SV2634
Vigo Design

Lock Sets

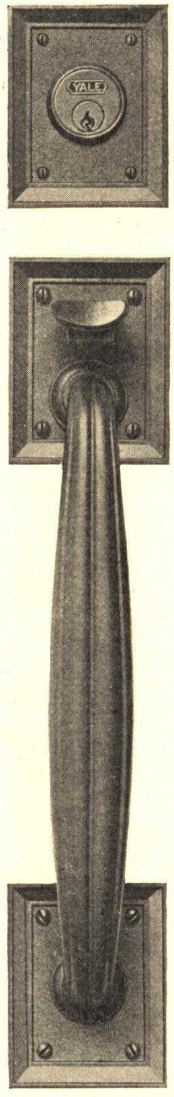
Set Number: No. 7432¼ Lock (See page 17)	Set Number: No. 7428 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
LO74325	**LO74285***	LO7634	Cast bronze	12¼ x 3⅜ in.	2⅞ x 2⅜ in.	91	.....
QY74325	**QY74285***	QY2514	" "	10⅝ x 2¼ "	2½ x 1⅞ "	18	5¼ in.
SB74325	**SB74285***	SB5534	" "	11 x 2⅜ "	2½ in. dia.	94	6¾ "
SV74325	**SV74285***	SV2634	" "	9¾ x 2⅛ "	2¼ x 2⅛ in.	33	5 "

†Size is measurement of complete handle, but without cylinder plate.
*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside.
Nos. 432¼, 472¼ or 7472¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

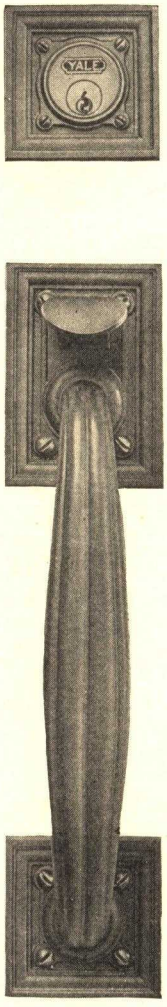
CUTS ONE-THIRD SIZE

ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass



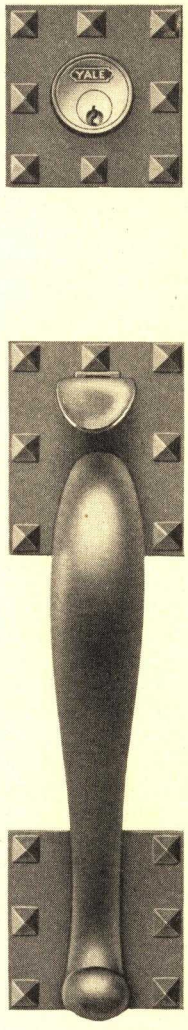
Handle
No. OJ8234
Jackson Design



Handle
No. HD6234
(Style of No. HD8234)
Dartmouth Design



Handle
No. IE6234
Endicott Design



Handle
No. RW5534
Winthrop Design

Lock Sets

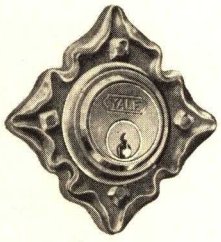
Set Number No. 7432¼ Lock (See page 17)	Set Number No. 7428 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
OJ74325	**OJ74285***	OJ8234	Cast bronze	14⅜ x 2¾ in.	3½ x 2¾ in.	121	10⅛ in.
HD74325	**HD74285***	HD6234	" "	11½ x 2½ "	2½ x 2½ "	47	8 "
HD74326	**HD74286***	HD8234	" "	14 x 2¾ "	2¾ x 2¾ "	121	10⅛ "
IE74325	**IE74285***	IE6234	" "	11½ x 2¾ "	2¾ x 2¾ "	47	8 "
RW74325	**RW74285***	RW5534	" "	10½ x 2¾ "	2¾ x 2¾ "	94	6¾ "

†Size is measurement of complete handle, but without cylinder plate.
*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside.
Nos. 432¼, 472¼ or 7472¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

ENTRANCE DOOR HANDLE SETS

Cast Bronze or Nickeline

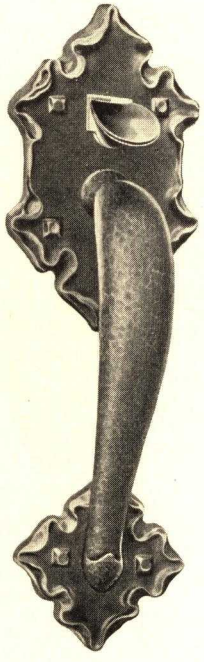
CUTS ONE-THIRD SIZE



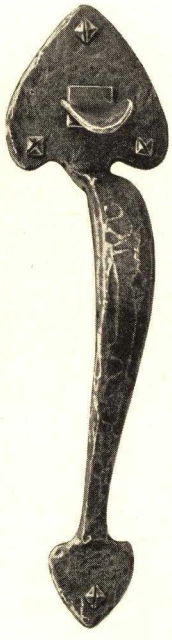




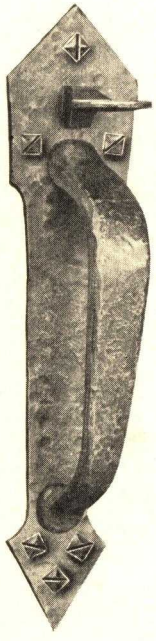




Handle
No. HX2534
(Style of No. HX4534)
Xenia Design
NX46—Nickeline Metal
Bronze Metal
Cannot furnish in iron



Handle
No. PV3534
Verano Design
Finishes
NX46—Nickeline Metal
NX65—Bronze Metal



Handle
No. IC2514
Coronado Design
Finishes
NX46—Nickeline Metal
NX65—Bronze Metal



Handle
No. JN2534
Naco Design
Finishes
NX46—Nickeline Metal
NX65—Bronze Metal

Lock Sets

Set Number No. 7482 Lock (See page 17)	Set Number No. 7428 Lock (See page 15)	Handle No.	Metal of Handle	Size†	Cylinder Plate	Grip No.	Grip Center to Center
HX74825	**HX74285***	HX2534	Cast bronze or nickeline	10⅛ x 3¼ in.	3⅜ x 3⅜ in.	174	5¾ in
HX74826	**HX74286***	HX4534	" " "	11 x 3¼ "	3⅜ x 3⅜ "	95H	6¾ "
PV74825	**PV74285***	PV3534	" " "	9¾ x 2¾ "	3½ x 1¾ "	....	6¾ "
IC74825	**IC74285***	IC2514	" " "	9¾ x 2¼ "	2½ x 1 11/16 "	....	5⅜ "
JN74825	**JN74285***	JN2534	" " "	9¾ x 2 9/16 "	2⅜ x 2 1/16 "	....	6⅝ "

†Size is measurement of complete handle, but without cylinder plate.

*½ pair handles outside, ½ pair DO35 knobs with rose, turn knob and plate inside. The inside trim will be furnished plain, AY22 finish, unless otherwise ordered.

Other locks can be substituted in place of No. 7482, at the difference in price.

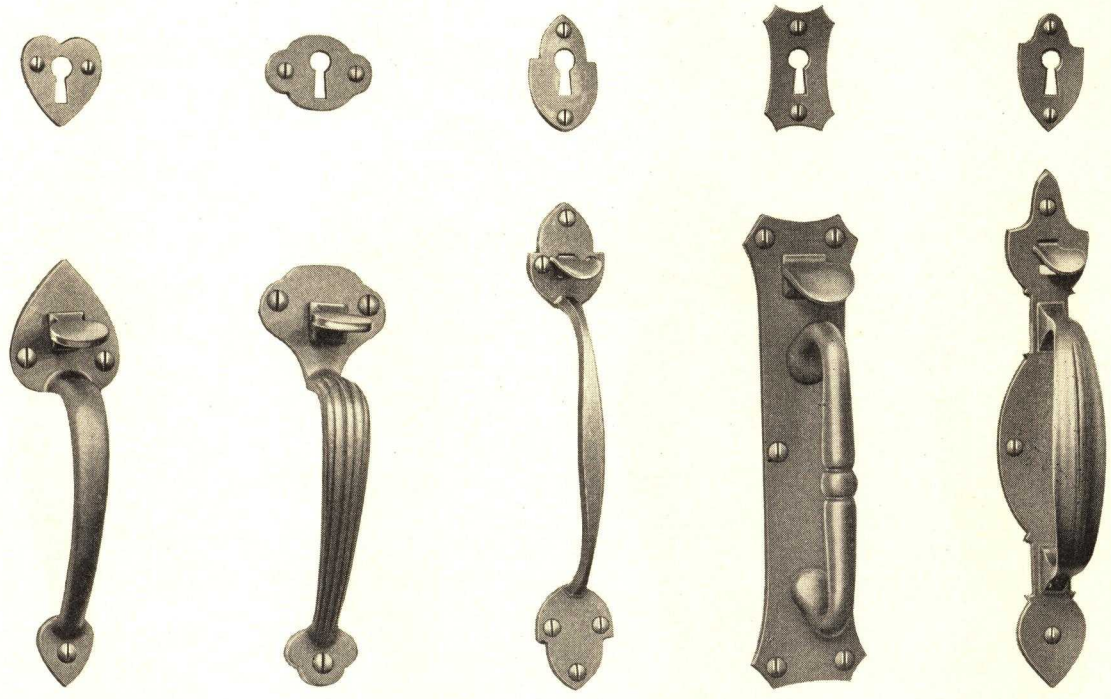
Push Buttons and Door Knockers can be supplied to match above handles; see index.

When ordering, give set number, name of design, thickness of door and finish.

For finishes, see page XXV.

CUTS ONE-THIRD SIZE

HANDLES FOR INTERIOR DOORS



Handle No. RE1541 Egmont

Handle No. LQ1641 Quinton

Handle No. IS1241 Sconset

Handle No. US1421 Staunton

Handle No. QY1221 Yatton

For Interior Doors of Colonial Houses

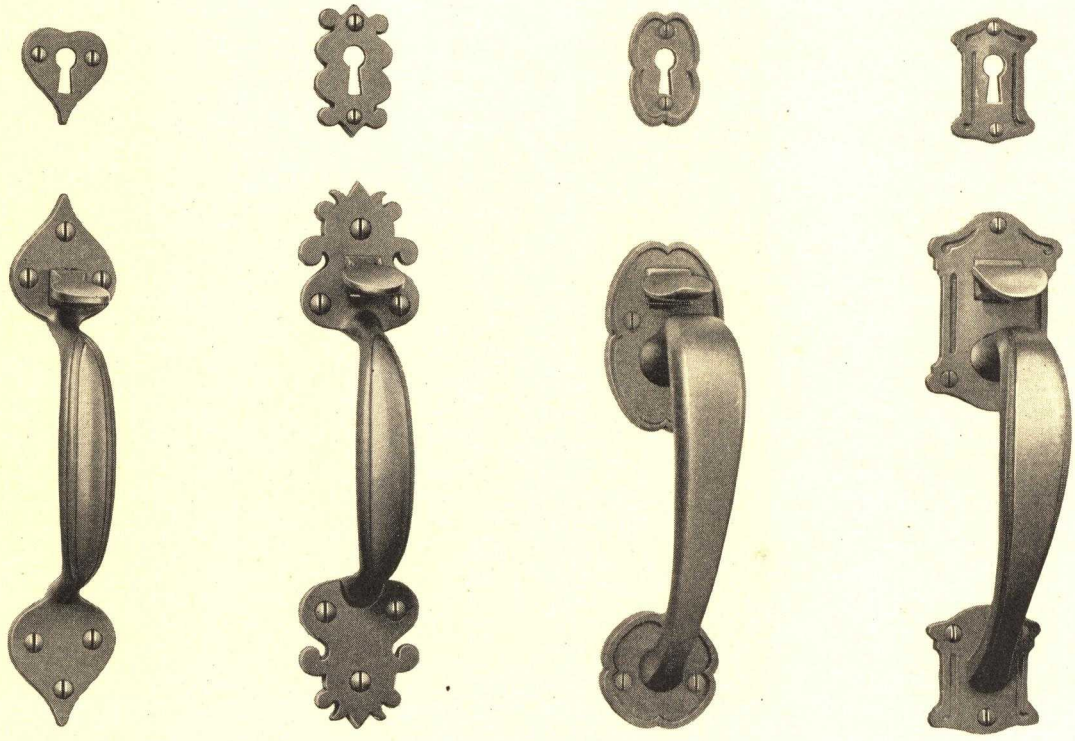
Cast Bronze or Brass

No.	Design	Size of Handle	Size of Key Plate	Grip Center to Center
RE1541	Egmont	6¾ x 1¾ in.	1½ x 1¼ in.	3¾ in.
LQ1641	Quinton	6½ x 2 "	1⅛ x 1⅝ "	3¾ "
IS1241	Sconset	7¾ x 1¼ "	1⅞ x 1¼ "	4½ "
US1421	Staunton	7⅜ x 2 "	2 x 1⅛ "	3⅝ "
QY1221	Yatton	8⅛ x 1¾ "	1⅞ x 1⅛ "	3⅞ "

For locks which may be associated with these handles, see page 20.
When ordering give list number of lock and handle and finish. For finishes, see page XXV.

HANDLES FOR INTERIOR DOORS

CUTS ONE-THIRD SIZE



Handle No. KU1221 Upton

Handle No. QE1221 Effingham

Handle No. UT1641 Taunton

Handle No. LK2541 Kendall

For Interior Doors of Colonial Houses

Cast Bronze or Brass

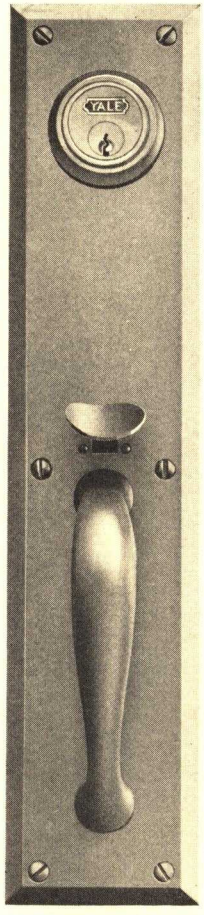
No.	Design	Size of Handle	Size of Key Plate	Grip Center to Center
KU1221	Upton	8½ x 1¾ in.	1½ x 1 7/16 in.	4¼ in.
QE1221	Effingham	8¼ x 1⅞ "	2 x 1¼ "	4 "
UT1641	Taunton	7¾ x 2 "	1⅞ x 1 3/16 "	5 "
LK2541	Kendall	8¼ x 2¼ "	2 x 1⅜ "	5 "

For locks which may be associated with these handles, see page 20.
When ordering give list number of lock and handle and finish. For finishes, see page XXV.

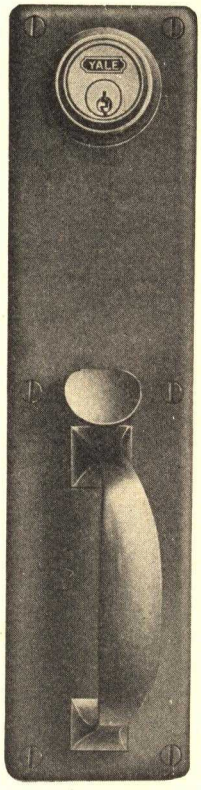
CUTS ONE-THIRD SIZE

ENTRANCE DOOR HANDLE SETS

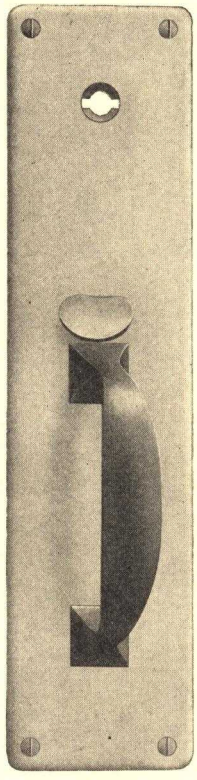
Wrought Bronze, Brass or Steel



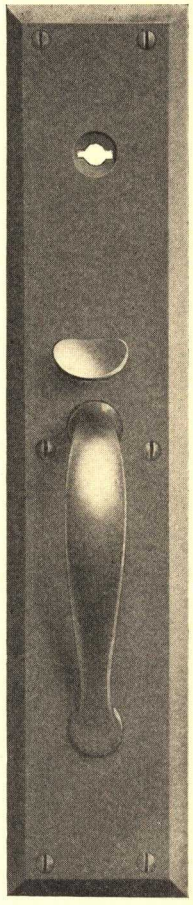
Handle
No. DU316
Utopian Design
Wrt. Bronze or Brass



Handle
No. DT13116
Torian Design
Wrt. Bronze or Brass



Handles
No. DT13110
Wrt. Bronze or Brass
No. BT13110
Wrought Steel
Torian Design



Handles
No. DU310
Wrt. Bronze or Brass
No. BU310
Wrought Steel
Utopian Design

Cylinder Lock Sets

Set Number No. 7432¼ Lock (See page 17)	No. 7472¼ Lock (See page 17)	Material Wrought	Handle No.	Plate	Grip No.	Grip Center to Center
DU74320	**DU74720**	Bronze or brass	DU316	14 x 3 in.	62	4 11/16 in.
DT74320	**DT74720**	" " "	DT13116	12 x 3 "	52	4⅛ "

Nos. 432¼, 472¼, 426¼ or 7426¼ series locks can be substituted in place of No. 7432¼, at the difference in price.

Bit Key Lock Sets

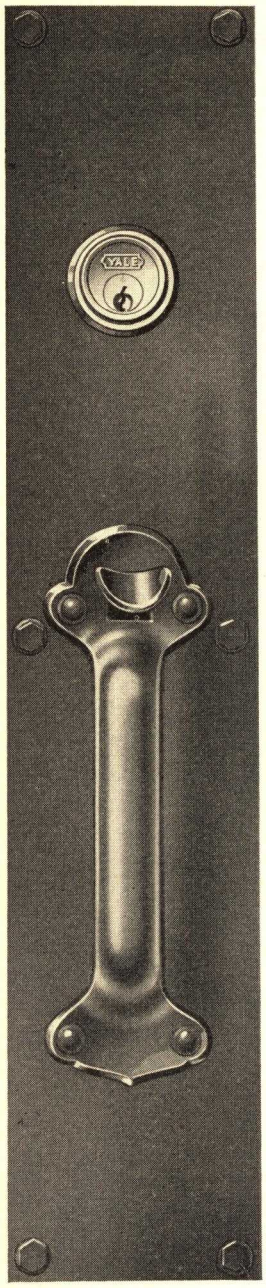
Set Number No. 405 Lock (See page 19)	No. 406 Lock (See page 19)	Material Wrought	Handle No.	Plate	Grip No.	Grip Center to Center
DT4050	.....	Bronze or brass	DT13110	12 x 3 in.	52	4⅛ in.
.....	**BT4060**	Steel	BT13110	12 x 3 "	2052	4⅛ "
DU4050	.....	Bronze or brass	DU310	14 x 3 "	62	4 11/16 "
.....	**BU4060**	Steel	BU310	14 x 3 "	2062	4 11/16 "

When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

ENTRANCE DOOR HANDLE SETS

For Doors in Mills, Factories, Garages, etc.

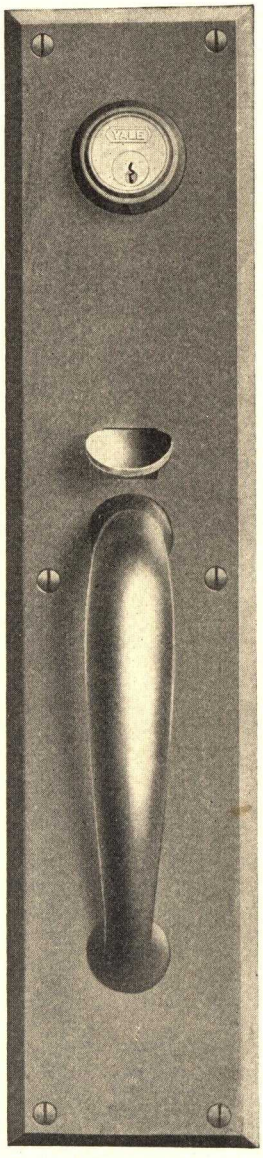
CUTS ONE-THIRD SIZE



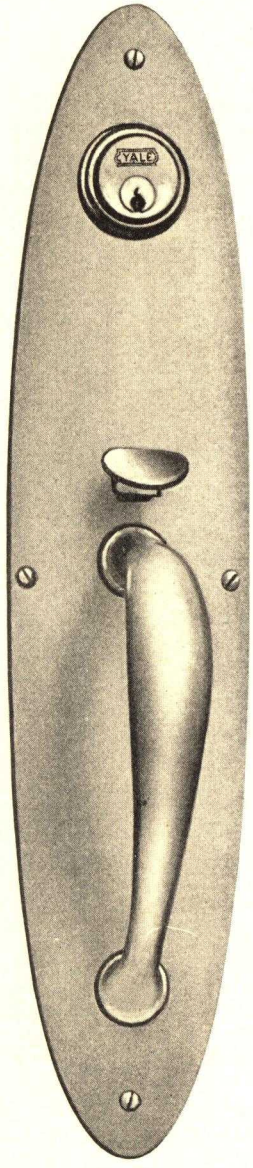
Handle
No. XL57116 with bolts
No. BL57116 with wood screws
Solid Rolled Steel
Japan Finish only



Handle
No. J2434
Handle, cast iron
Th. piece, cast bronze
Japan Finish only



Handle
No. GS316
Stonington Design
Cast Bronze or Brass



Handle
No. HP47516
Piedmont Design
Cast Bronze or Brass

Lock Sets

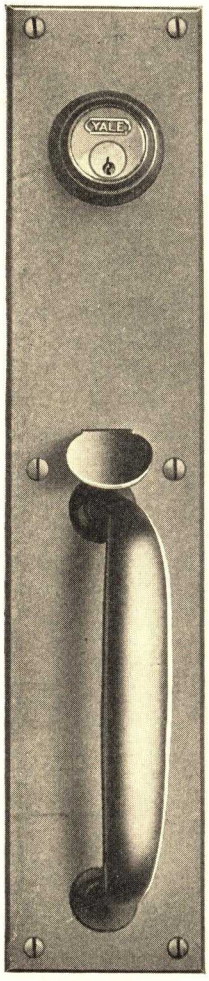
Set Number					
No. 7432¼ Lock (See page 17)	No. 7472¼ Lock (See page 17)	Handle No.	Plate	Grip No.	Grip Center to Center
XL74320	**XL74720**	XL57116	20 x 4 in.	53	6⅞ in.
BL74320	**BL74720**	BL57116	20 x 4 "	53	6⅞ "
J74325	**J74725**	J2434	.....	53	6⅞ "
GS74320	**GS74720**	GS316	18 x 4 "	272	6½ "
HP74320	**HP74720**	HP47516	18 x 4 "	71	6⅝ "

Nos. 432¼, 472¼, 426¼ or 7426¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
If above handles are to be used with Nos. 432¼, 472¼ or 426¼ locks, change the last number of the handle wanted to 4, thus GS314.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

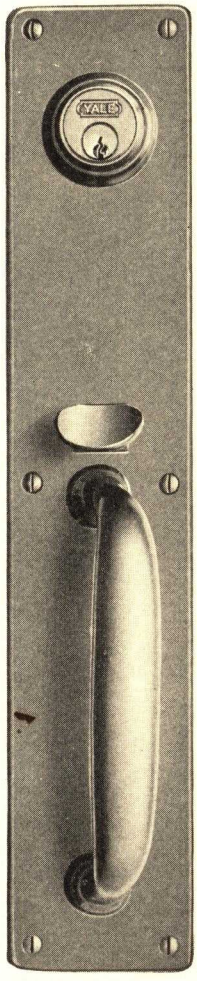
CUTS ONE-THIRD SIZE

ENTRANCE DOOR HANDLE SETS

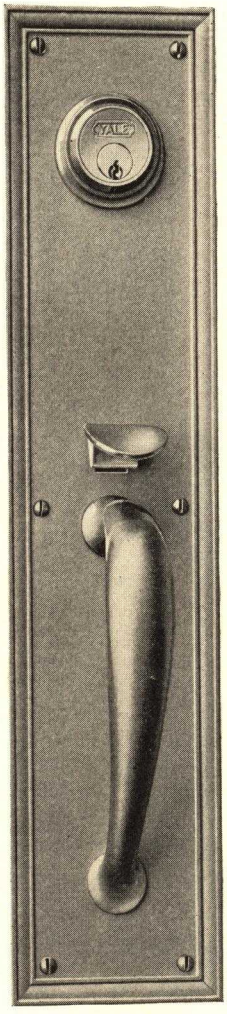
Cast Bronze or Brass



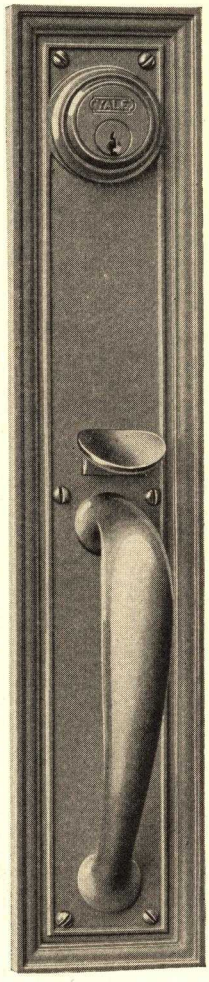
Handle
No. GR23416
Revere Design



Handle
No. GT23416
Trenton Design



Handle
No. HQ35616
Style of HQ316
Queenstown Design



Handle
No. HD34616
Style of HD57516
Dartmouth Design

Lock Sets

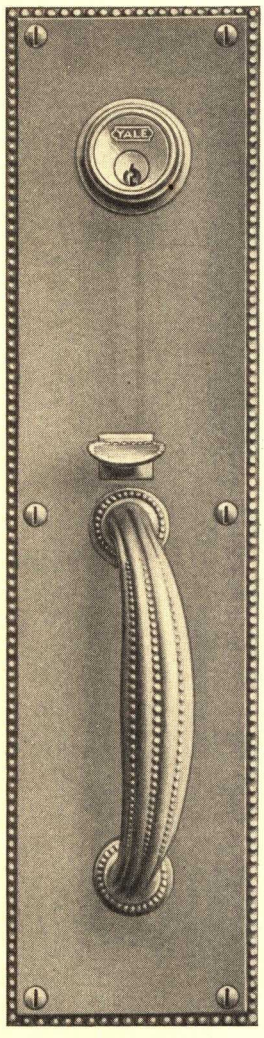
Set Number No. 7432¼ Lock (See page 17)	No. 7472¼ Lock (See page 17)	Handle No.	Plate	Grip No.	Grip Center to Center
GR74320	**GR74720**	GR23416	15 x 3 in.	56½	5⅞ in.
GT74320	**GT74720**	GT23416	15 x 3 "	56½	5⅞ "
HQ74321	**HQ74721**	HQ35616	15½ x 3½ "	270	5⅝ "
HQ74320	**HQ74720**	HQ316	17½ x 3½ "	71	6⅝ "
HD74320	**HD74720**	HD34616	15 x 3 "	270	5⅝ "
HD74321	**HD74721**	HD57516	20 x 4 "	71	6⅝ "

Nos. 432¼, 472¼, 426¼ or 7426¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
If above handles are to be used with Nos. 432¼, 472¼ or 426¼ locks, change the last number of the handle wanted to 4, thus GR23414.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

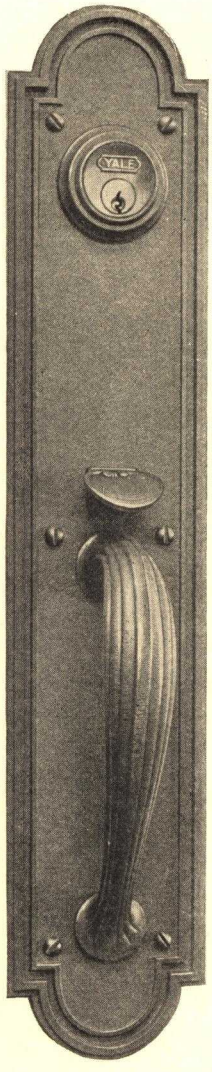
ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass

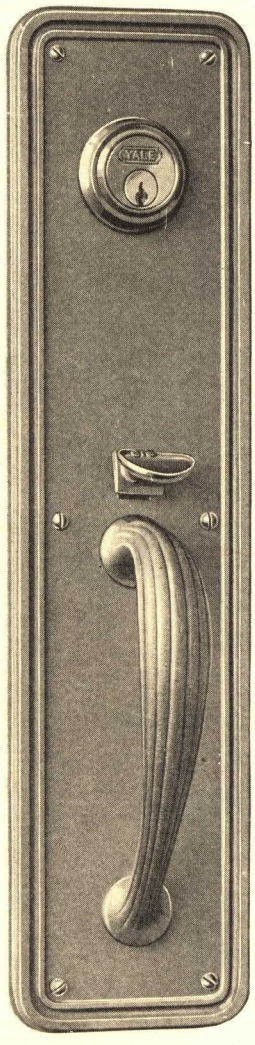
CUTS ONE-THIRD SIZE



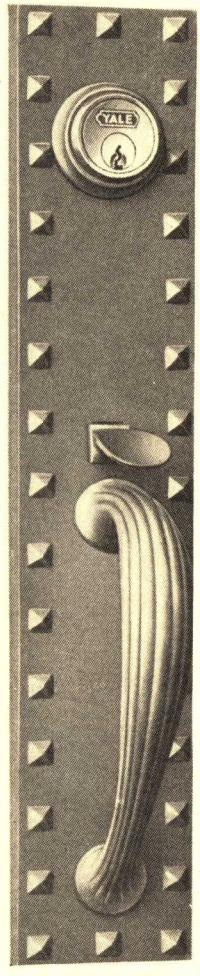
Handle
No. SC316
Colonna Design



Handle
No. UM34616
Malaga Design



Handle
No. JW37616
Warwick Design



Handle
No. RW23616
Winthrop Design

Lock Sets

Set Number					
No. 7432¼ Lock (See page 17)	No. 7472¼ Lock (See page 17)	Handle No.	Plate	Grip No.	Grip Center to Center
SC74320	**SC74720**	SC316	16 x 4 in.	64	5½ in.
UM74320	**UM74720**	UM34616	16½ x 3¼ "	260	5⅝ "
JW74320	**JW74720**	JW37616	16 x 4 "	260	5⅝ "
RW74320	**RW74720**	RW23616	15 x 3 "	260	5⅝ "

Nos. 432¼, 472¼, 426¼ or 7426¼ series locks can be substituted in place of No. 7432¼, at the difference in price.

If above handles are to be used with Nos. 432¼, 472¼ or 426¼ locks, change the last number of the handle wanted to 4, thus SC314.

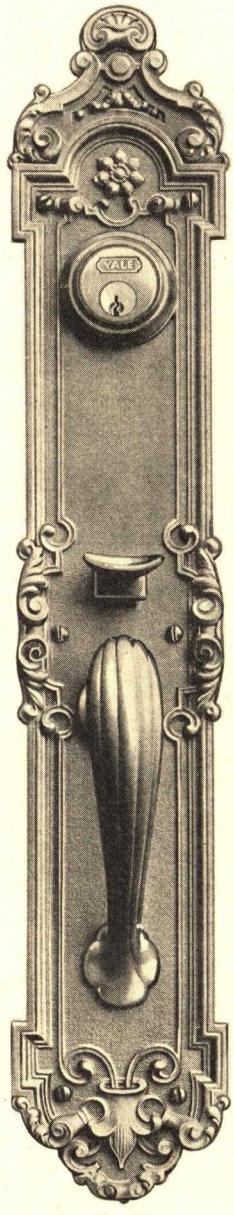
When ordering, give set number, name of design, thickness of door and finish.

For finishes, see page XXV.

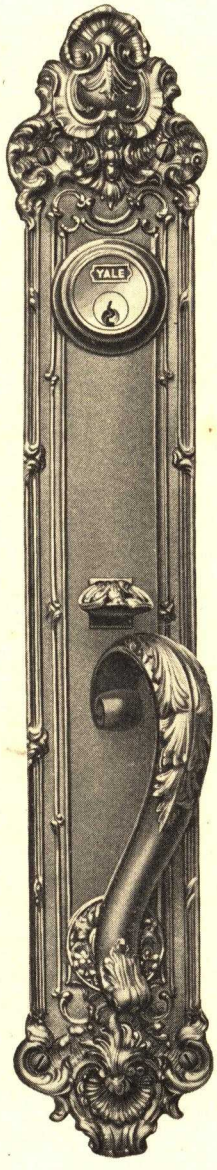
CUTS ONE-THIRD SIZE

ENTRANCE DOOR HANDLE SETS

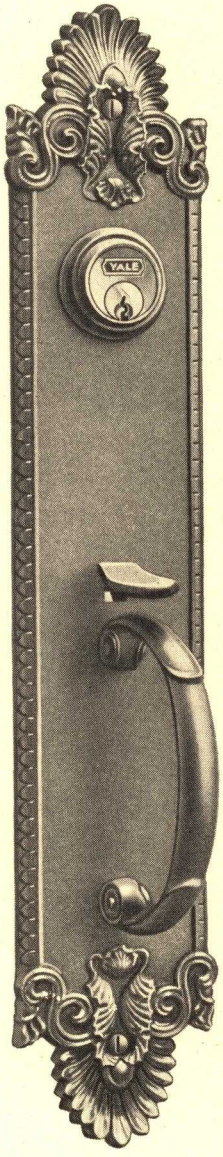
Cast Bronze or Brass



Handle
No. PD316
Dortrecht Design



Handle
No. ON316
Navarro Design



Handle
No. LG316
Gardo Design



Handle
No. ML316
Lodi Design

Lock Sets

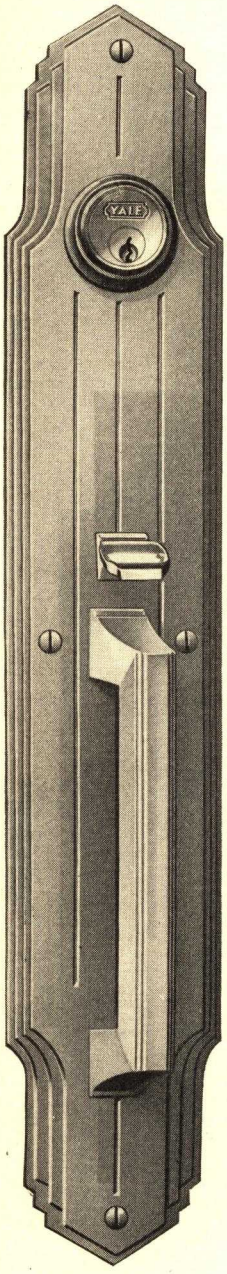
Set Number					
No. 7432¼ Lock (See page 17)	No. 7472¼ Lock (See page 17)	Handle No.	Plate	Grip No.	Grip Center to Center
PD74320	**PD74720**	PD316	18¾ x 3¼ in.	75	4 in.
ON74320	**ON74720**	ON316	18 x 3¼ "	58½	4 "
LG74320	**LG74720**	LG316	18 x 3¼ "	81½	4 "
ML74320	**ML74720**	ML316	20½ x 3⅝ "	65½	5 "

Nos. 432¼, 472¼, 426¼ or 7426¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
If above handles are to be used with Nos. 432¼, 472¼ or 426¼ locks, change the last number of handle wanted to 4, thus PD314.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

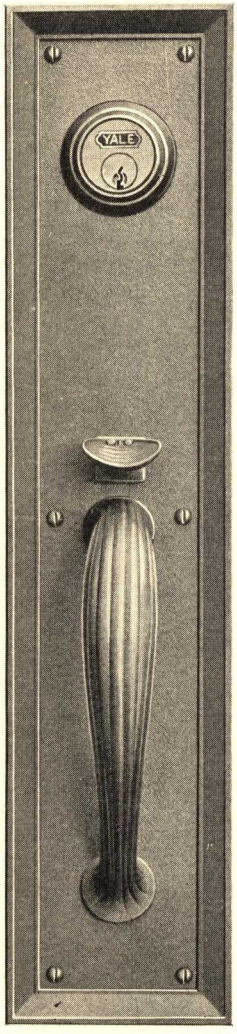
ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass

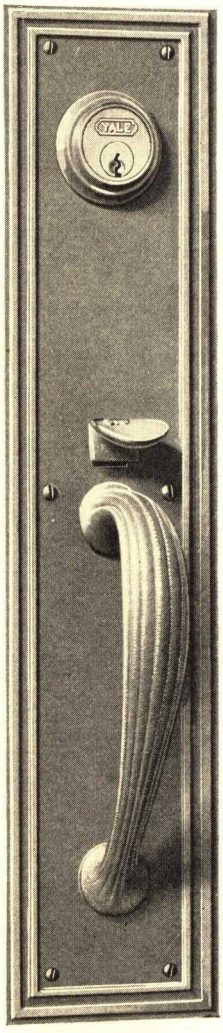
CUTS ONE-THIRD SIZE



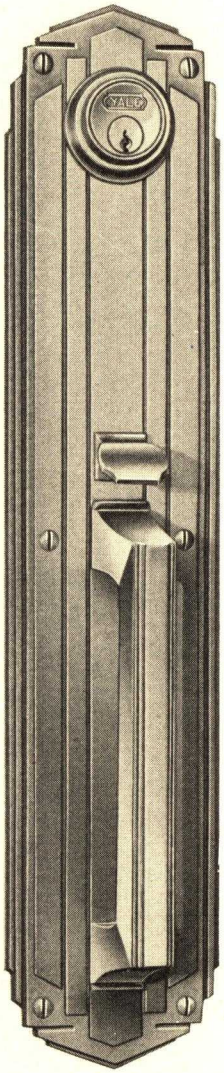
Handle
No. LT316
Tuscon Design



Handle
No. OJ35616
Jackson Design



Handle
No. NY316
Yuma Design



Handle
No. QV316
Verticon Design

Lock Sets

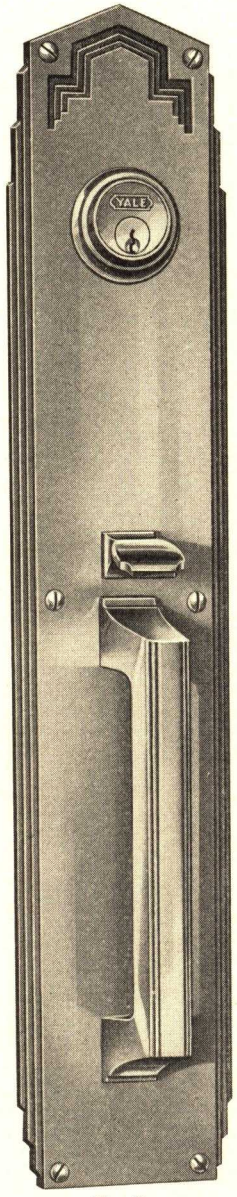
Set Number					
No. 7432¼ Lock (See page 17)	No. 7472¼ Lock (See page 17)	Handle No.	Plate	Grip No.	Grip Center to Center
LT74320	**LT74720**	LT316	19¾ x 3½ in.	126	6½ in.
OJ74320	**OJ74720**	OJ35616	16 x 3½ "	260	5⅝ "
NY74320	**NY74720**	NY316	16 x 3½ "	260	5⅝ "
QV74320	**QV74720**	QV316	16¾ x 3½ "	126	6½ "

Nos. 432¼, 472¼, 426¼ or 7426¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
If above handles are to be used with Nos. 432¼, 472¼ or 426¼ locks, change the last number of handle wanted to 4, thus LT314.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

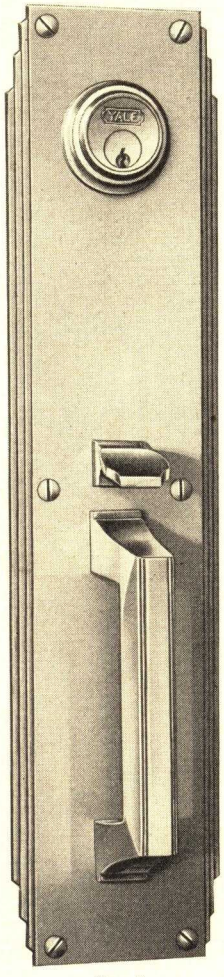
CUTS ONE-THIRD SIZE

ENTRANCE DOOR HANDLE SETS

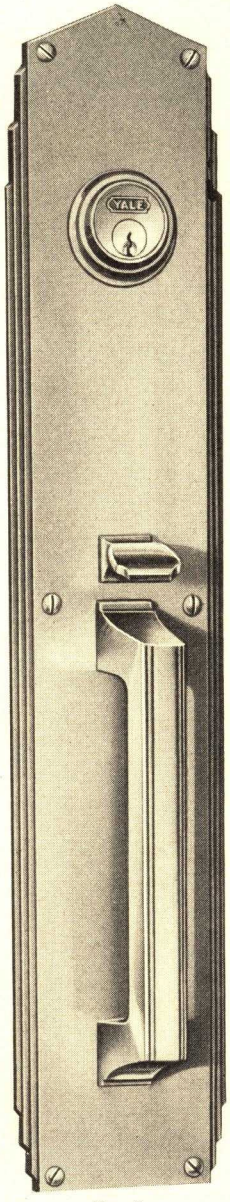
Cast Bronze or Brass



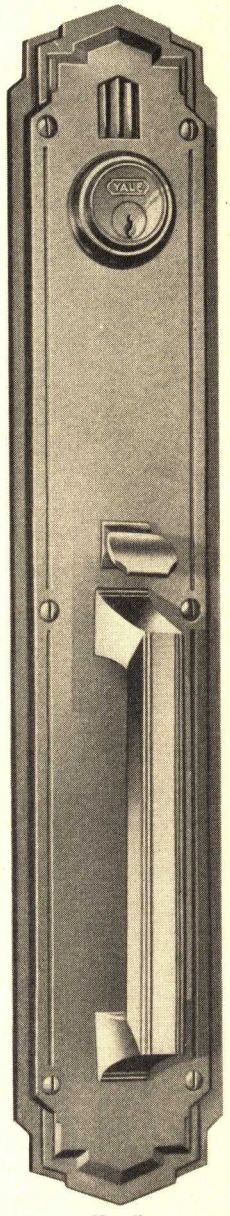
Handle
No. TL316
Lynate Design



Handle
No. MQ316
Quartan Design



Handle
No. PK316
Kalmar Design



Handle
No. PT316
Tower Design

Lock Sets

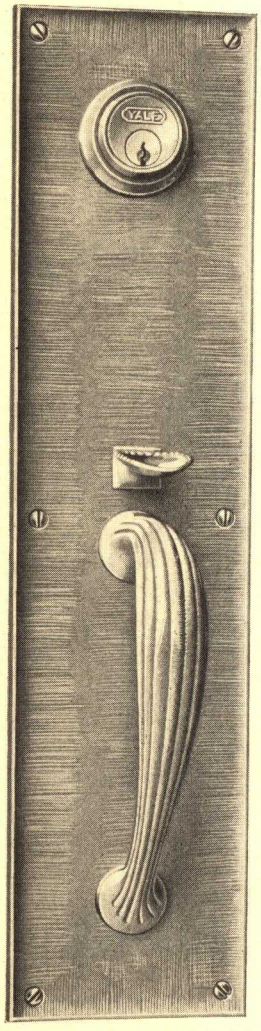
Set Number					
No. 7432¼ Lock (See page 17)	No. 7472¼ Lock (See page 17)	Handle No.	Plate	Grip No.	Grip Center to Center
TL74320	**TL74720**	**TL316**	18½ x 3½ in.	126	6½ in.
MQ74320	**MQ74720**	**MQ316**	15 x 3½ "	125	4¾ "
PK74320	**PK74720**	**PK316**	18½ x 3½ "	126	6½ "
PT74320	**PT74720**	**PT316**	18¾ x 3½ "	126	6½ "

Nos. 432¼, 472¼, 426¼ or 7426¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
If above handles are to be used with Nos. 432¼, 472¼ or 426¼ locks, change the last number of handle wanted to 4, thus TL314.
When ordering, give set number, name of design, thickness of door, and finish.
For finishes, see page XXV.

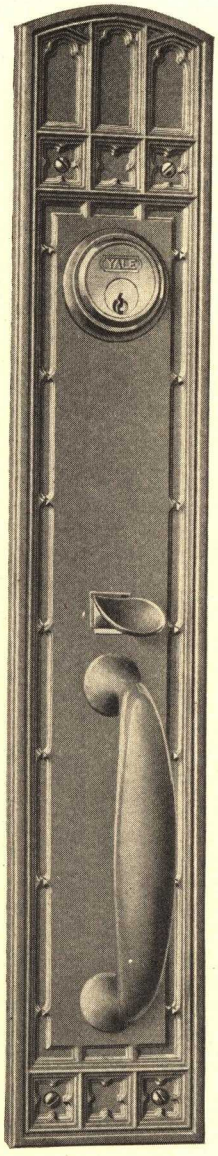
ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass

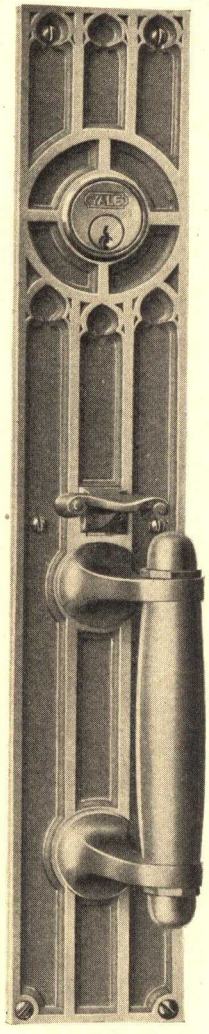
CUTS ONE-THIRD SIZE



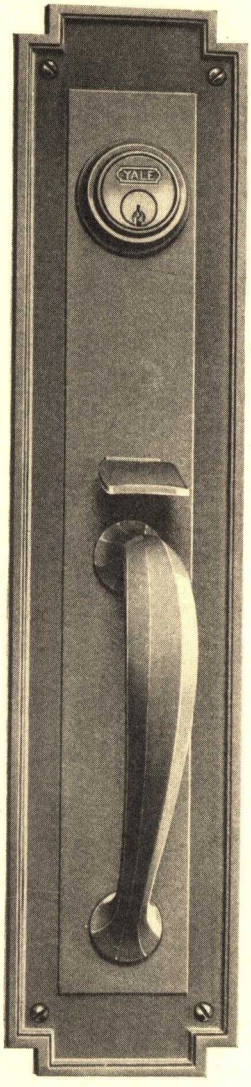
Handle
No. MT316
Touraine Design



Handle
No. JO316
Oxford Design



Handle
No. TH316
Hendon Design



Handle
No. TA35616
(Style of TA57616)
Athens Design

Lock Sets

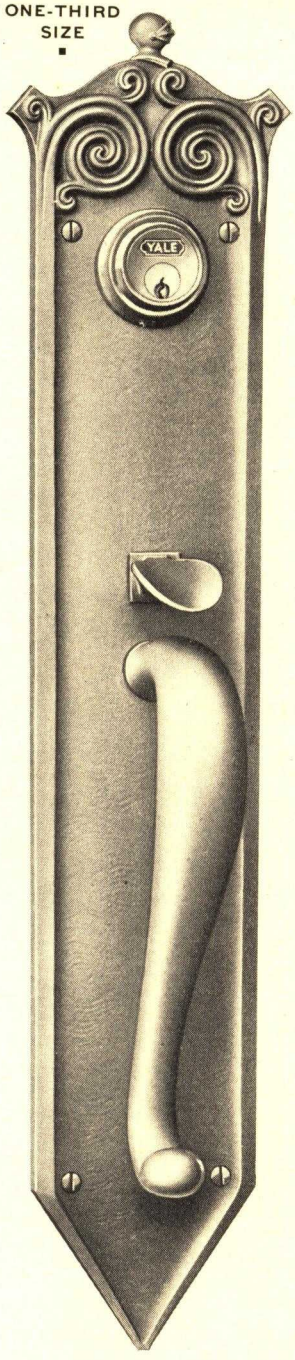
Set Number					
No. 7432¼ Lock (See page 17)	No. 7472¼ Lock (See page 17)	Handle No.	Plate	Grip No.	Grip Center to Center
MT74320	**MT74720**	MT316	16 x 4 in.	260	5⅝ in.
JO74320	**JO74720**	JO316	18 x 3¼ "	134	5 "
TH74320	**TH74720**	TH316	16 x 2¾ "	100½	4¼ "
TA74320	**TA74720**	TA35616	16¾ x 3¾ "	79	5¾ "
TA74321	**TA74721**	TA57616	20 x 4 "	79	5¾ "

Nos. 432¼, 472¼, 426¼ or 7426¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
If above handles are to be used with Nos. 432¼, 472¼ or 426¼ locks, change the last number of the handle wanted to 4, thus MT314.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

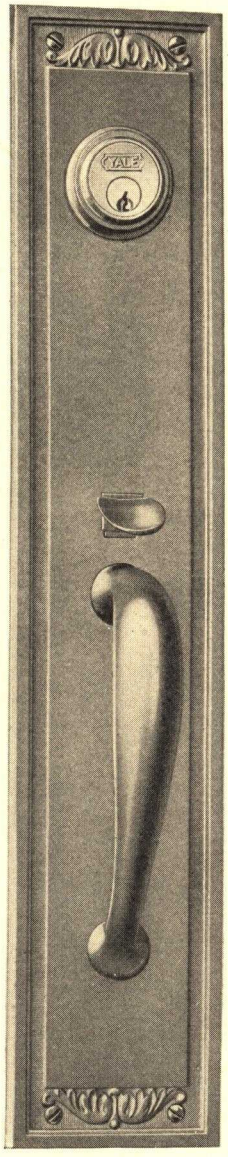
CUTS ONE-THIRD SIZE

ENTRANCE DOOR HANDLE SETS

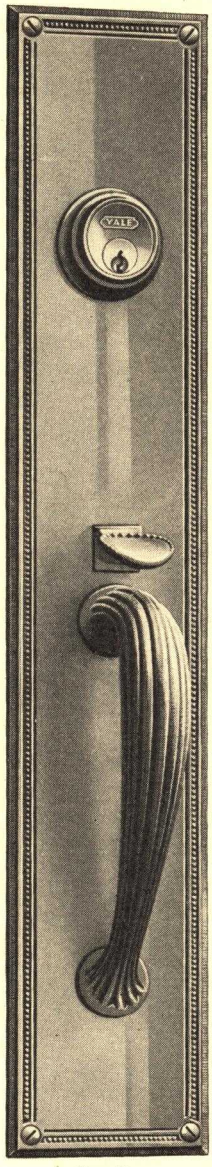
Cast Bronze or Brass



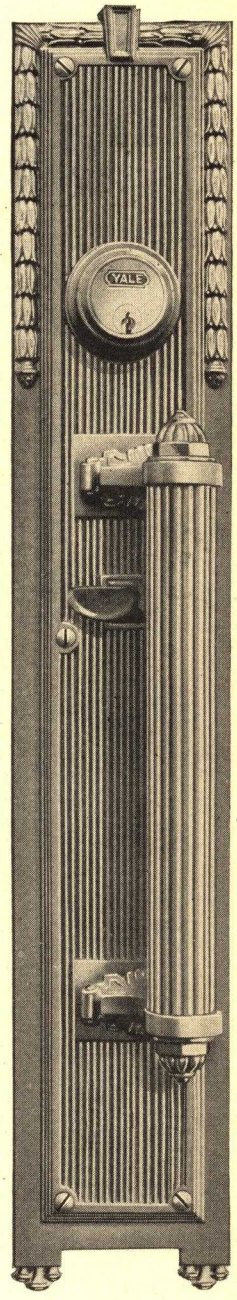
Handle
No. VB316
Beaumont Design



Handle
No. JS316
Savoy Design



Handle
No. PF316
Fairfax Design



Handle
No. UV316
Vigone Design

Lock Sets

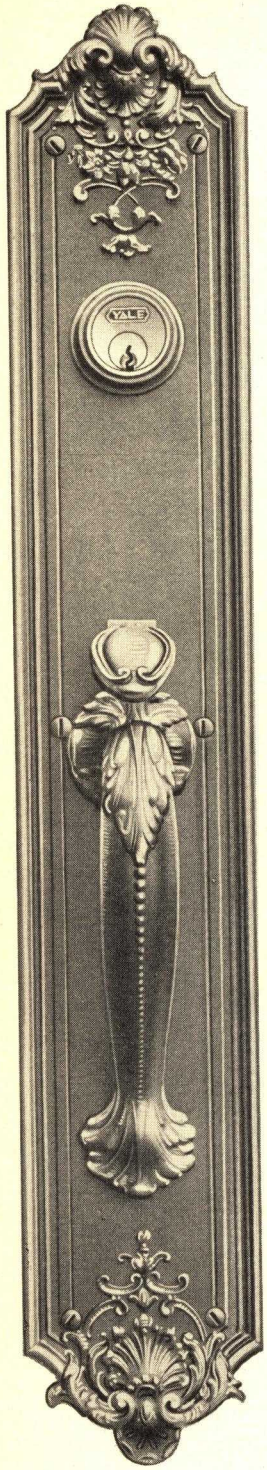
Set Number No. 7432¼ Lock (See page 17)	Set Number No. 7472¼ Lock (See page 17)	Handle No.	Plate	Grip No.	Grip Center to Center
VB74320	**VB74720**	VB316	21 x 4⅝ in.	94	6¾ in.
JS74320	**JS74720**	JS316	18 x 3½ "	270	5⅝ "
PF74320	**PF74720**	PF316	18 x 3⅜ "	260	5⅝ "
UV74320	**UV74720**	UV316	20 x 3½ "	118	8 "

Nos. 432¼, 472¼, 426¼ or 7426¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
If above handles are to be used with Nos. 432¼, 472¼ or 426¼ locks, change the last number of the handle wanted to 4, thus VB314.
When ordering, give set number, name of design, thickness of door, and finish.
For finishes, see page XXV.

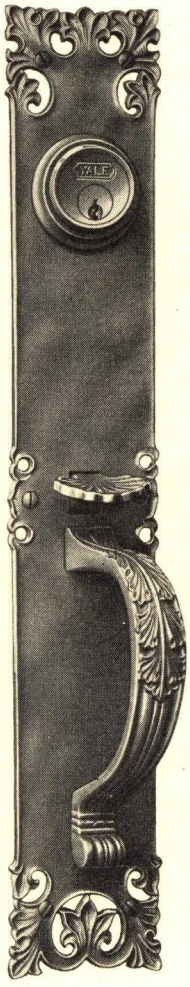
ENTRANCE DOOR HANDLE SETS

Cast Bronze or Brass

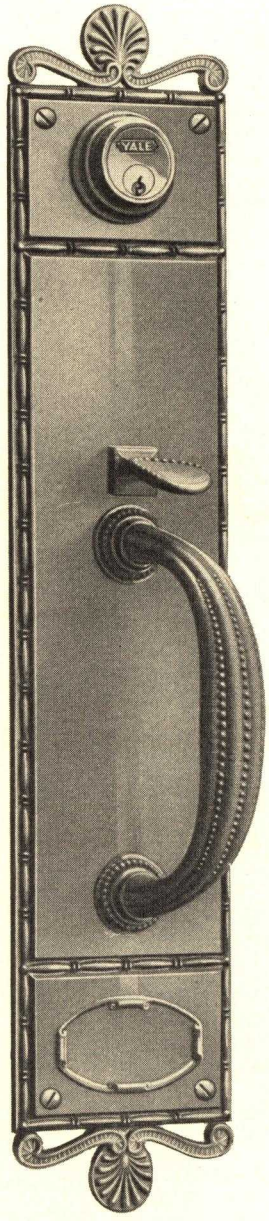
CUTS ONE-THIRD SIZE



Handle
No. TB316
Breton Design



Handle
No. WA316
Auvergne Design



Handle
No. MS316
Siena Design



Handle
No. VA316
Austerlitz Design

Lock Sets

Set Number					
No. 7432¼ Lock (See page 17)	No. 7472¼ Lock (See page 17)	Handle No.	Plate	Grip No.	Grip Center to Center
TB74320	**TB74720**	TB316	23 x 3¾ in.	66	6¼ in.
WA74320	**WA74720**	WA316	15¼ x 2⅝ "	72½	4⅛ "
MS74320	**MS74720**	MS316	18⅛ x 3¾ "	64	5½ "
VA74320	**VA74720**	VA316	19⅛ x 2½ "	69½	5¼ "

Nos. 432¼, 472¼, 426¼ or 7426¼ series locks can be substituted in place of No. 7432¼, at the difference in price.
If above handles are to be used with Nos. 432¼, 472¼ or 426¼ locks, change the last number of handle wanted to 4, thus, TB314.
When ordering, give set number, name of design, thickness of door and finish.
For finishes, see page XXV.

PLAIN LOCK TRIM

AND

MISCELLANEOUS BUILDERS' HARDWARE

DOOR KNOBS

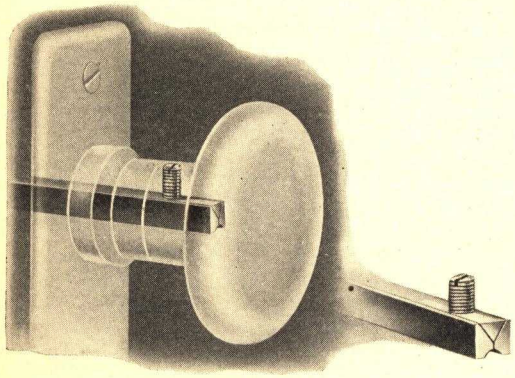


Fig. 1

The Triplex Spindle

The **Triplex Spindle** (Fig. 1) consists of three triangular rods which together form a square spindle to one end of which one knob is pinned. The other knob has a set screw which bears on the central piece, or wedge, of the spindle, and the tightening of the screw expands the spindle, forcing it into frictional engagement with the knob shank, thus holding the knob securely at any point, affording perfect adjustment without washers, and eliminating all looseness or rattle of the knobs.

The set screw of the triplex spindle should be very firmly screwed home, after which the knob will never slip nor the screw tend to work loose.

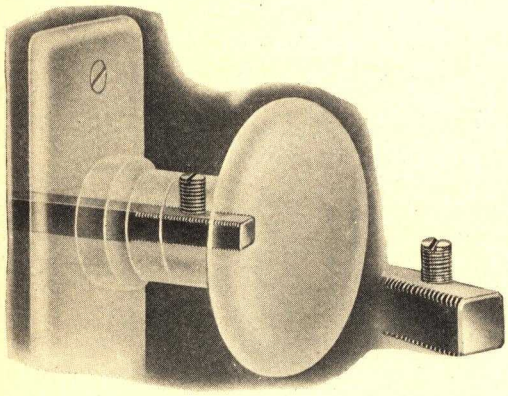


Fig. 2

The Threaded Spindle

The **Threaded Spindle** (Fig. 2) is a solid spindle which can be furnished instead of the triplex spindle. This spindle is furnished regular with glass knobs and lever handles.

The spindle is threaded to engage with a thread in the knob shank. The knob is screwed on to the spindle, and set screw tightened, thus preventing the unscrewing of the knob. As the spindle has 20 threads to the inch, and the set screw may be tightened on any of the four sides of the spindle, the knob can be adjusted to less than $\frac{1}{64}$ of an inch, which is as close as consistent with free movement.

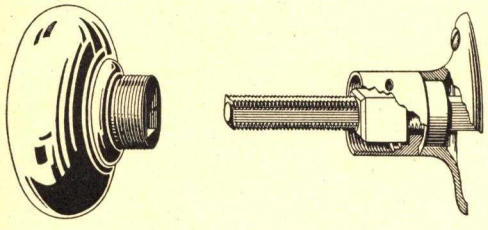


Fig. 3

The Nos. 15 and 16 Screwless or Clutch Shank

The **Screwless or Clutch Shank** (Fig. 3) uses the regular $\frac{5}{16}$ in. threaded spindle, to which the outside knob is fastened with a pin, which is concealed by the rose or thimble. The inside knob has a threaded sleeve also a square nut which fits into a square hole in the knob shank. The sleeve is turned with a special wrench, which draws the inside knob to the rose or thimble, giving a close adjustment. The No. 15 shank is used on Nos. D35, G35, NY35, etc. No. 16 Shank is used on Nos. DO34, DO35, CA35, CD35, etc.

This shank is especially suitable for use in schools, public buildings, etc., where it is necessary to attach the knobs so as to avoid theft, as the knobs cannot be removed without using the special wrench.

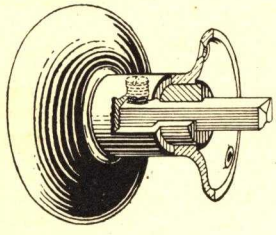


Fig. 4

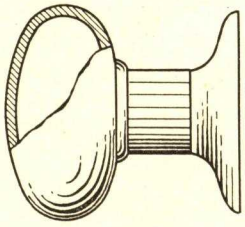
No. 20 Sleeve Shank

The **Sleeve Shank** (Fig. 4) has a set screw which is inserted through a hole in the sleeve. After the set screw is tightened, the sleeve is then turned to cover the set screw and prevent it from working loose.

The sleeve is used on only one knob of a pair, as the other knob is pinned to the spindle.

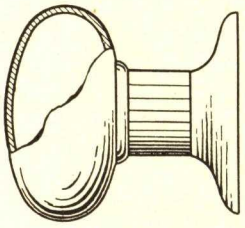
The No. 20 shank can be supplied with all bronze metal knobs (except No. G635) having the No. 5 shank and the $\frac{5}{16}$ inch triplex spindle, but it cannot be used on knobs having the moulded or French type shank.

DOOR KNOBS



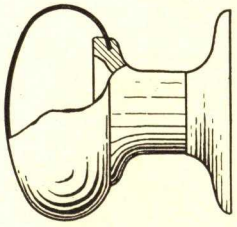
No. G35 Knob

No. G35 Knob. A cast metal knob and shank. This knob has a top that is made thicker than the average cast metal knob, the thickness being approximately .09 in. The additional thickness provided in this knob practically eliminates defective thin spots occurring in the shell.



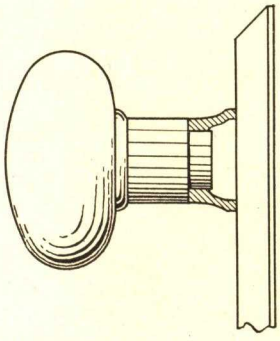
No. D35 Knob

No. D35 Knob. A knob within a knob, as the brass or bronze outer covering is spun over an inner shell of sheet steel, which produces a knob that compares favorably with cast metal knobs, and is in many instances superior in strength and resistance to indentation. This method also produces a knob with a uniform thickness. Shank is cast metal.



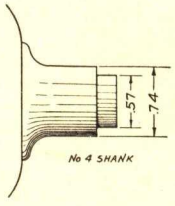
No. DO35 Knob

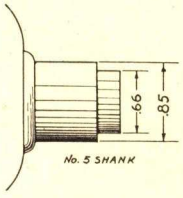
No. DO35 Knob. This knob has a wrought metal top, and a cast metal shank. The metal used in the top is about .035 in. The wrought metal top or shell is forced into the cast base by a machine, which joins the edges of the top permanently to the cast metal shank.



Bracket Bearing

Bracket Bearing. This illustration shows the "bracket bearing" feature, provided on all standard knobs and thimbles, which provides a bracket joint or bearing for the knob on the thimble and eliminates side motion.





Knob Shanks

Most of the knobs and lever handles in this catalog have either one of two standard diameters of bases on the shanks. Roses and thimbles of escutcheon plates suit these two diameters which are specified as either the No. 4 or No. 5 shank.

All knobs, lever handles and roses having the same shank diameter will interchange. However, many of these combinations would be very unsuitable either from an appearance standpoint or from improper projection, so care should be used in associating knobs and lever handles with roses other than those with which they are listed.

Where no shank number is given in the description, knobs, lever handles and roses have special sizes of shanks which will not interchange.

The No. 5 shank is more commonly used, being associated with knobs larger than 1¾ in. and with the larger lever handles. The No. 4 shank is used on knobs 1¾ in. and smaller and on the smaller lever handles.

KNOBS, DOOR



Fig. 1



Fig. 2



Fig. 3

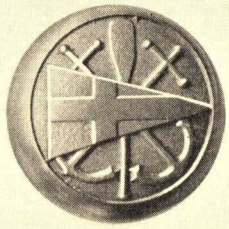


Fig. 4


Fig. 5



Fig. 6



Fig. 7


Fig. 8



Fig. 9


Fig. 10



Fig. 11

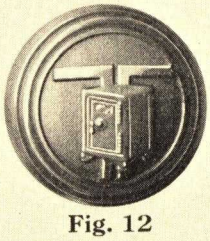


Fig. 12



Fig. 13



Fig. 14



Fig. 15


Fig. 16


Fig. 17



Fig. 18

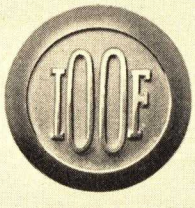


Fig. 19


Fig. 20

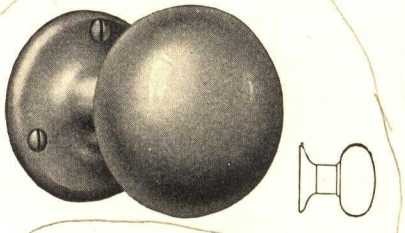
Emblematic Door Knobs

These special knobs are selected from a large number made up for societies, schools, banks, railroads, etc. In addition to those shown we have recently made up patterns for the "American Legion" and "Knights of Columbus" emblems. Correspondence relating to this class of work is invited.

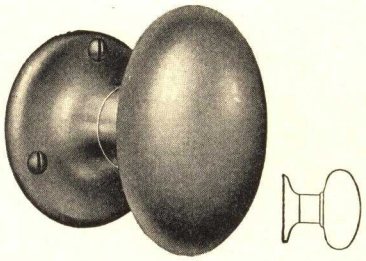
Pattern charges can be saved if some of above can be used.

CUTS ONE-HALF SIZE

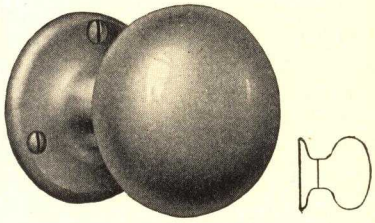
DOOR KNOBS AND ROSES



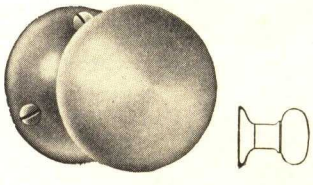
Nos. G35 and G222
No. G37 as above, but 2½ in.



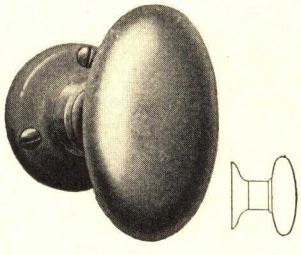
Nos. G67 and G222



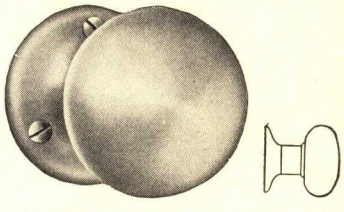
Nos. G635 and G222



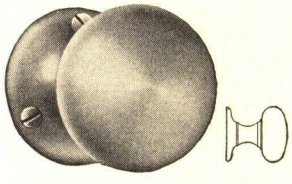
Nos. G33 and G321



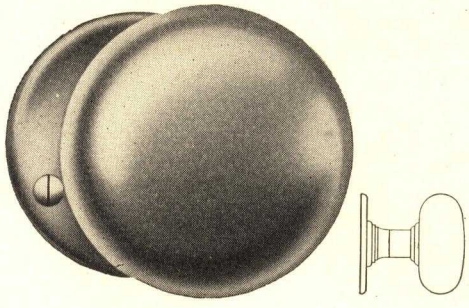
Nos. G66 and G222



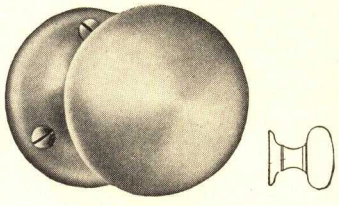
Nos. G34 and G222



Nos. XG33 and G321



Nos. G39 and G223



Nos. XG34 and XG321

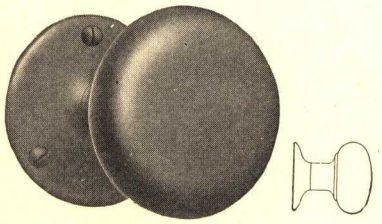
Cast Bronze or Brass

No.	Material	Size	Projection	Shank	Spindle	Rose	Size
G33	Cast bronze	1¾ in. dia.	2⅛ in.	No. 4	5/16 in. triplex	G321	1¾ in. dia.
XG33	" "	1¾ " "	2⅛ "	" 4	5/16 " solid	G321	1¾ " "
G34	" "	2 " "	2 "	" 5	5/16 " trip. or thread.	G222	2 " "
XG34	" "	2 " "	2 1/16 "	" 5	5/16 " solid	XG321	1¾ " "
G35	" "	2¼ " "	2 7/16 "	" 5	5/16 " trip. or thread.	G222	2 " "
G37	" "	2½ " "	2⅝ "	" 5	5/16 " " " "	G222	2 " "
G39	" "	3 " "	3¼ "	" 5	5/16 " " " "	G228	3 " "
G66	" "	2½ x 1⅜ in.	2 1/16 "	" 5	5/16 " " " "	G222	2 " "
G67	" "	2⅝ x 1¾ "	2½ "	" 5	5/16 " " " "	G222	2 " "
G635	" "	2¼ in. dia.	2¼ "	" 5	5/16 " " " "	G222	2 " "

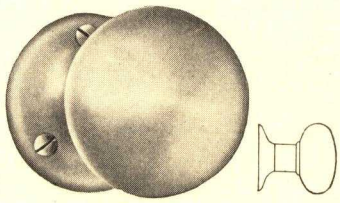
Regularly furnished without roses. If roses are wanted, order must so specify.
These door knobs are regularly furnished with 5/16 in. triplex spindles, unless otherwise specified. The sizes given are the maximum dimensions of each top.
For finishes, see page XXV.
Packed: ½ doz. pairs in a box.

DOOR KNOBS AND ROSES

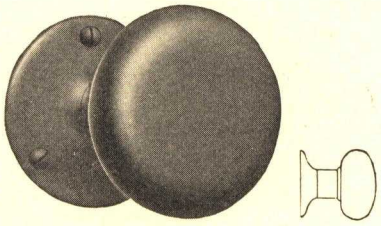
CUTS ONE-HALF SIZE



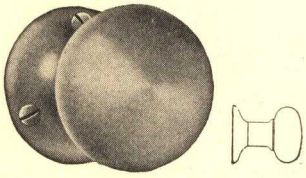
Nos. DO35 and D222
Nos. BO35 and B222



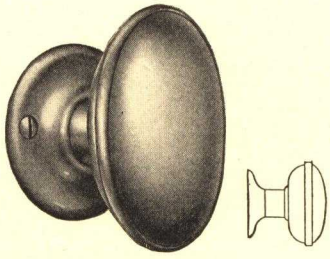
Nos. D34* and D222



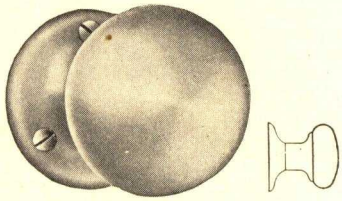
Nos. D35* and D222
No. D37* as above but 2½ in.



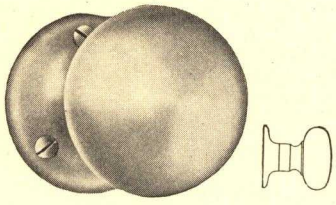
Nos. DO33 and D321
Nos. BO33 and B321



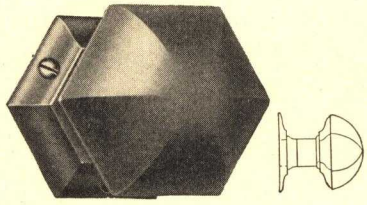
Nos. D67 and D222
Nos. B67 and B222



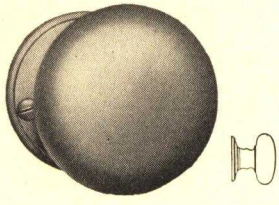
Nos. DO34 and D222
Nos. BO34 and B222



Nos. D134* and D222



Nos. CW55 and CW223



Nos. XR134* and XB320

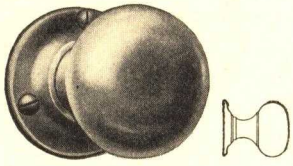
Wrought Bronze, Brass or Steel

No.	Material	Size	Projection	Shank	Spindle	Rose	Size
BO33	Wrt. steel	1¾ in. dia.	2 in.	No. 4	5/16 in. trip. or thread.	B321	1¾ in. dia.
DO33	" bronze	1¾ " "	2 "	" 4	5/16 " " " "	D321	1¾ " "
BO34	" steel	2 " "	2⅛ "	" 5	5/16 " " " "	B222	2 " "
DO34	" bronze	2 " "	2⅛ "	" 5	5/16 " " " "	D222	2 " "
D34*	" "	2 " "	2⅛ "	" 5	5/16 " " " "	D222	2 " "
BO35	" steel	2¼ " "	2 7/16 "	" 5	5/16 " " " "	B222	2 " "
DO35	" bronze	2¼ " "	2 7/16 "	" 5	5/16 " " " "	D222	2 " "
D35*	" "	2¼ " "	2½ "	" 5	5/16 " " " "	D222	2 " "
D37*	" "	2½ " "	2¾ "	" 5	5/16 " " " "	D222	2 " "
CW55	" "	2¼ " "	2¾ "	" 5	5/16 " " " "	CW223	2 3/16 " "
B67	" steel	2⅝ x 1⅝ in.	2⅜ "	" 5	5/16 " triplex	D222	2 " "
D67	" bronze	2⅝ x 1⅝ "	2⅜ "	" 5	5/16 " "	D222	2 " "
D134*	" "	2 in. dia.	2⅛ "	" 5	5/16 " "	D222	2 " "
XR134*	" "	2 " "	1⅞ "	" 5	5/16 " " or thread.	XB320	1¾ " "

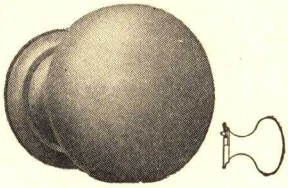
*Reinforced with a steel shell inside.
Regularly furnished without roses. If roses are wanted, order must so specify.
These door knobs are regularly furnished with 5/16 in. triplex spindles, unless otherwise specified. The sizes given are the maximum dimensions of each top.
For finishes, see page XXV.
Packed: ½ doz. pairs in a box.

CUTS ONE-HALF SIZE

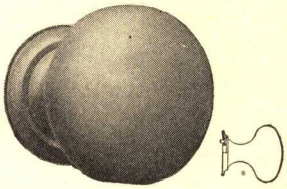
DOOR KNOBS AND ROSES



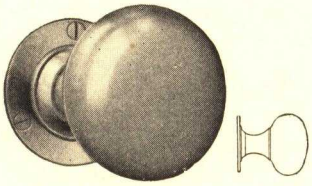
Nos. XH131 and XH320



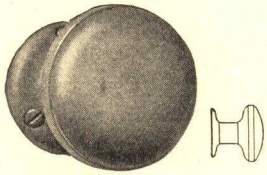
Nos. XH132 and XH318*



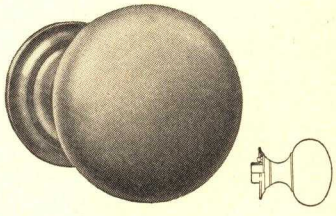
Nos. XDR132 and XH318*



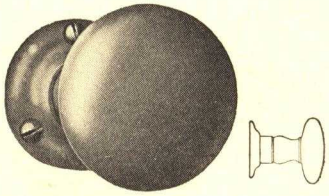
Nos. XH133 and XH321



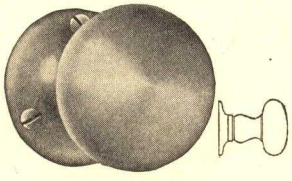
Nos. XH113 and H319



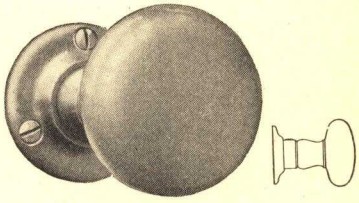
Nos. XH134 and XH319*



Nos. XG134 and XH330



Nos. H133 and XH330



Nos. H134 and XH330

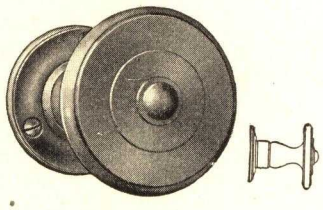
Cast Bronze or Brass

No.	Material	Size	Projection	Spindle	Rose	Size
XH113	Cast bronze	1¾ in. dia.	1¾ in.	5/16 in. triplex	H319	1½ in. dia.
XH131	" "	1 11/16 " "	2 1/16 "	5/16 " threaded	XH320	1¾ " "
XH132	" "	1¾ " "	1⅞ "	5/16 " "	XH318*	1⅜ " "
XDR132	" "	1¾ " "	1⅞ "	5/16 " solid	XH318*	1⅜ " "
H133	" "	1¾ " "	2⅛ "	5/16 " trip. or threaded	XH330	1¾ " "
XH133	" "	1⅞ " "	2⅛ "	5/16 " solid	XH321	1¾ " "
H134	" "	2 " "	2½ "	5/16 " trip. or threaded	XH330	1¾ " "
XG134	" "	2 " "	2¼ "	5/16 " " " "	XH330	1¾ " "
XH134	" "	2 1/16 " "	2¼ "	5/16 " solid	XH319*	1 11/16 " "

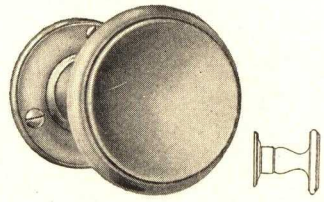
*Roses have concealed screws.
The sizes given are the maximum dimensions of each top.
The above knobs have special shanks and cannot be used with regular roses or escutcheons.
For finishes, see page XXV.
Packed: ½ doz. pairs in a box.

DOOR KNOBS AND ROSES

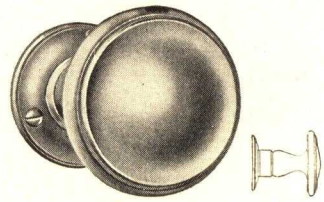
CUTS ONE-HALF SIZE



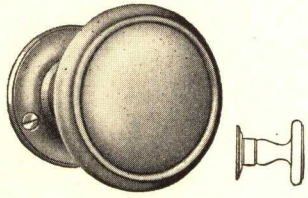
Nos. XA124 and XB320



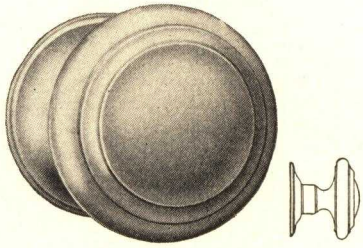
Nos. XB124 and XB320



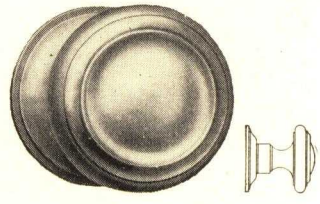
Nos. XC124 and XB320



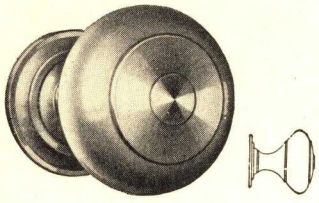
Nos. XE124 and XB320



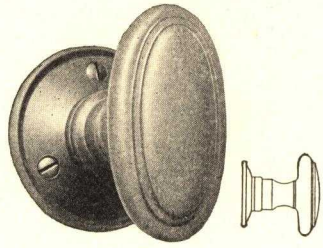
Nos. XS37 and XS263*
Nos. XS37 and XS563†



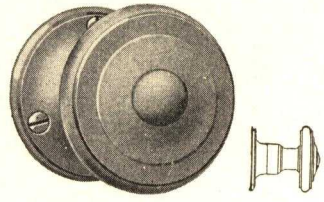
Nos. XS34 and XS262*
Nos. XS34 and XS562†



Nos. XDB134 and XDB320*



Nos. XWA167 and XBF264



Nos. XF124 and NC263

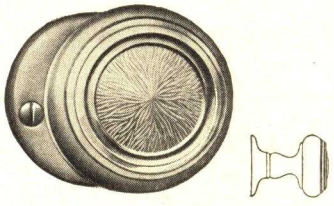
Cast Bronze or Brass

No.	Material	Size	Projection	Spindle	Rose	Size
XS34	Cast bronze	2 in. dia.	2 in.	5/16 in. trip. or thread.	XS262*	2 in. dia.
XS34	" "	2 " "	2 "	5/16 " " " "	XS562†	2 " "
XS37	" "	2 7/16 " "	2 1/4 "	5/16 " " " "	XS263*	2 1/4 " "
XS37	" "	2 7/16 " "	2 1/4 "	5/16 " " " "	XS563†	2 1/4 " "
XA124	" "	2 " "	2 1/8 "	5/16 " threaded	XB320	1 3/4 " "
XB124	" "	2 " "	2 "	5/16 " "	XB320	1 3/4 " "
XC124	" "	2 " "	2 "	5/16 " "	XB320	1 3/4 " "
XE124	" "	2 " "	2 "	5/16 " "	XB320	1 3/4 " "
XF124	" "	2 " "	2 1/8 "	5/16 " "	NC263	2 " "
XDB134	" "	2 " "	2 "	5/16 " solid	XDB320*	1 5/8 " "
XWA167	" "	2 1/2 x 1 3/8 in.	2 1/2 "	5/16 " trip. or thread.	XBF264	2 1/8 " "

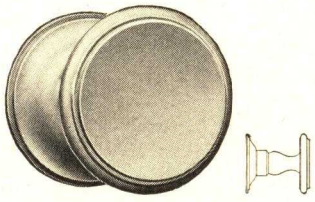
*Roses have concealed screws.
†Roses have concealed attachment, see page 171.
The sizes given are the maximum dimensions of each top.
The above knobs have special shanks and cannot be used with regular roses or escutcheons except No. XF124 which has the No. 5 shank.
For finishes, see page XXV.
Packed: ½ doz. pairs in a box.

CUTS ONE-HALF SIZE

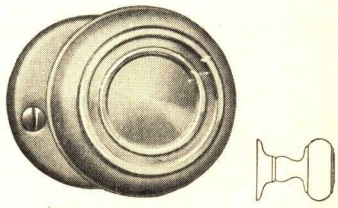
DOOR KNOBS AND ROSES



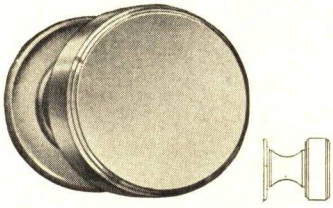
Nos. KNE134‡ and D222



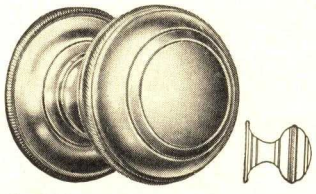
Nos. KNK124 and XS262*



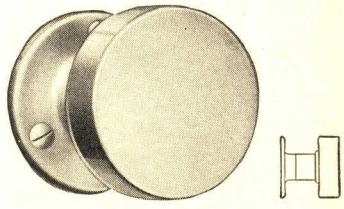
Nos. KNG134‡ and D222



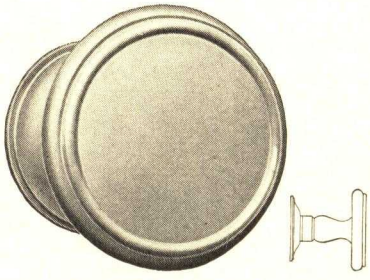
Nos. KNB114 and KRB363*



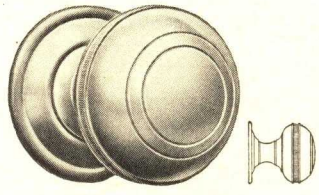
Nos. KNM133 (1⅞ in.) and KRM321*
Nos. KNM132 (1⅝ in.) and KRM321*
Nos. KNM135 (2¼ in.) and KRM321*



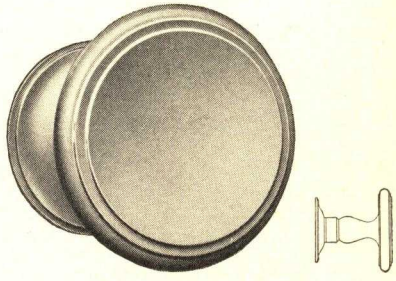
Nos. KNF114 and KRF222



Nos. XE128 and XS263*



Nos. KNL134 and KRL322*



Nos. KNK128 and XS263*

Cast and Wrought Bronze or Brass

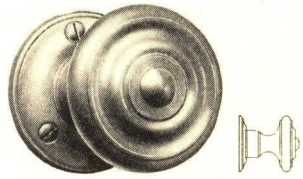
No.	Material	Size	Projection	Spindle	Rose	Size
KNB114	Cast bronze	2 in. dia.	2⅛ in.	5/16 in. trip. or thread	KRB363*	2 in. dia.
KNF114	" "	2 " "	2 "	5/16 " " " "	KRF222	2 " "
KNK124	" "	2 " "	2⅛ "	5/16 " threaded	XS262*	2 " "
KNK128	" "	2¾ " "	2⅝ "	5/16 " "	XS263*	2 5/16 " "
XE128	" "	2¾ " "	2⅝ "	5/16 " "	XS263*	2 5/16 " "
KNM132	" "	1⅝ " "	2⅛ "	5/16 " solid	KRM321*	1⅞ " "
KNM133	" "	1⅞ " "	2⅛ "	5/16 " "	KRM321*	1⅞ " "
KNE134‡	Wrt. "	2 " "	2½ "	5/16 in. trip. or thread	D222¶	2 " "
KNG134‡	" "	2 " "	2½ "	5/16 " " " "	D222¶	2 " "
KNL134	Cast "	1 15/16 " "	2 5/16 "	5/16 " solid	KRL322*	2 " "
KNM135	" "	2¼ " "	2⅜ "	5/16 " "	KRM321*	1⅞ " "

*Roses have concealed screws.
‡These knobs have a wrought top and cast shank.
¶Wrought rose.
The above knobs have special shanks and cannot be used with regular roses or escutcheons, except Nos. KNF114, KNE134 and KNG134 which have the No. 5 shank.
The sizes given are the maximum dimensions of each top.
For finishes, see page XXV.
Packed: ½ doz. pairs in a box.

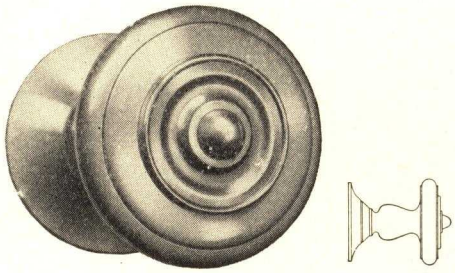
Price Book Section 5

CUTS ONE-HALF SIZE

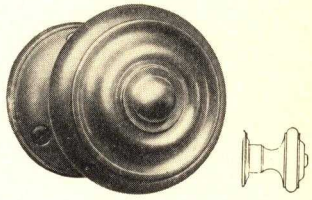
DOOR KNOBS AND ROSES



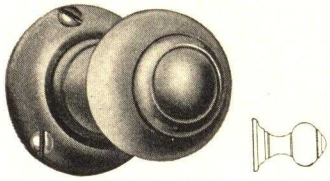
Nos. XJ123 and XB320



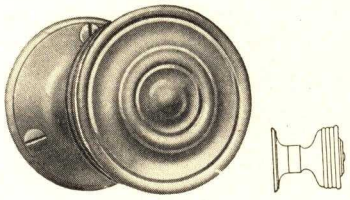
Nos. XJ128 and XJ365*



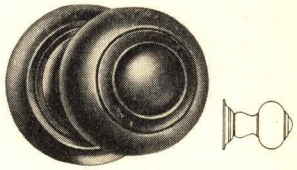
Nos. XJ124 and XB320



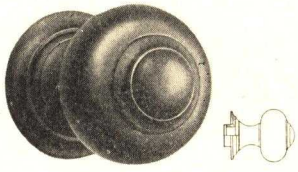
Nos. XD132 and XD320



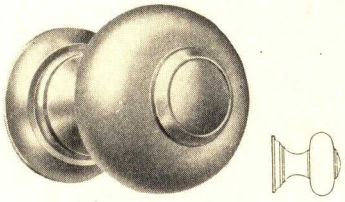
Nos. XK134 and NC263



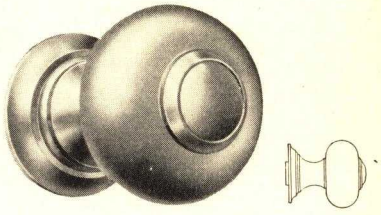
Nos. XDC132 and XH319*



Nos. XD133 and XH319*



Nos. XD134 and XD319*



Nos. XD135 and XD319*

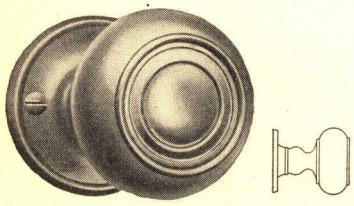
Cast Bronze or Brass

No.	Material	Size	Projection	Spindle	Rose	Size
XJ123	Cast bronze	1¾ in dia.	1⅞ in.	5/16 in. threaded	XB320	1¾ in. dia.
XJ124	" "	2 " "	2⅛ "	5/16 " "	XB320	1¾ " "
XJ128	" "	2¾ " "	3¼ "	5/16 " "	XJ365*	2½ " "
XD132	" "	1 7/16 " "	2⅛ "	5/16 " solid	XD320	1¾ " "
XDC132	" "	1 7/16 " "	2⅛ "	5/16 " triplex	XH319*	1 11/16 " "
XD133	" "	1 11/16 " "	2⅛ "	5/16 " solid	XH319*	1 11/16 " "
XD134	" "	2 " "	2 5/16 "	5/16 " threaded	XD319*	1⅞ " "
XK134	" "	2 " "	2¼ "	5/16 " "	NC263	2 " "
XD135	" "	2⅛ " "	2⅝ "	5/16 " "	XD319*	1⅞ " "

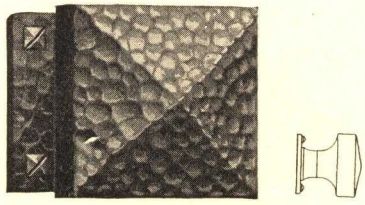
*Roses have concealed screws.
The sizes given are the maximum dimensions of each top.
The above knobs have special shanks and cannot be used with regular roses or escutcheons, except No. XK134, which has the No. 5 shank.
For finishes, see page XXV.
Packed: ½ doz. pairs in a box.

DOOR KNOBS AND ROSES

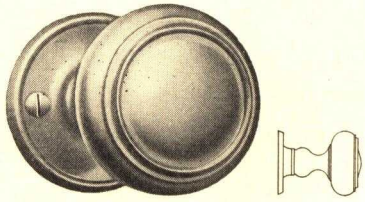
CUTS ONE-HALF SIZE



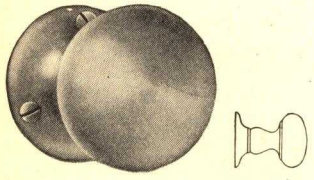
Nos. XCA134‡ and XCA322



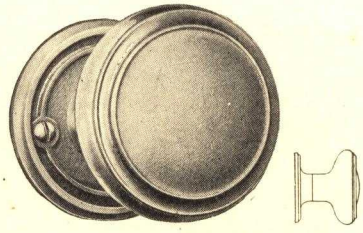
Nos. OY94 (2 in.) and OY230
Nos. OY93 (1¾ in.) and OY230



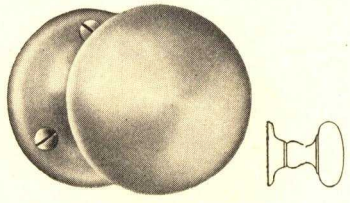
Nos. XCB134‡ and XCA322



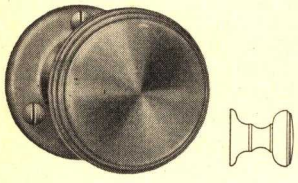
Nos. XDF133‡ and D321



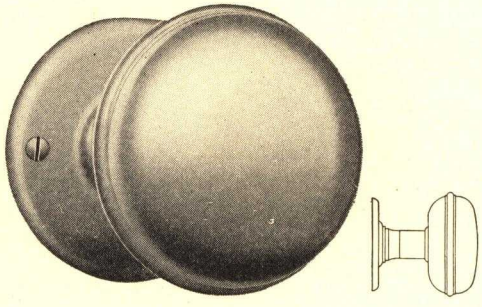
Nos. XW25† and NY223
No. SW25*
(As XW25 with plain center)



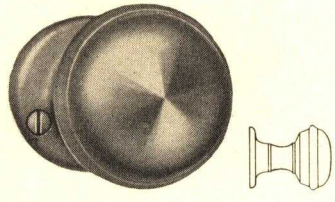
Nos. XDF134‡ and D222



Nos. NC133 and G221



Nos. G29 and G228



Nos. XDQ134 and G221

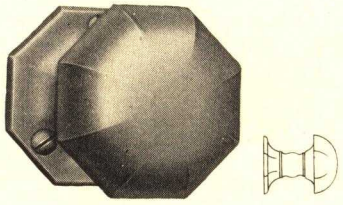
Cast and Wrought Bronze or Brass

No.	Material	Size	Projection	Spindle	Rose	Size
SW25*	Cast bronze	2¼ in. dia.	2 in.	5/16 in. trip. or thread.	G222	2 in. dia.
XW25†	" "	2¼ " "	2 "	5/16 " " " "	NY223	2¼ " "
G29	" "	3 " "	3¼ "	5/16 " " " "	G228	3 " "
OY93	" "	1¾ x 1¾ in.	2 "	5/16 " threaded	OY230	1⅞ x 1⅞ in.
OY94	" "	2 x 2 "	2⅛ "	5/16 " "	OY230	1⅞ x 1⅞ "
NC133	" "	1¾ in. dia.	2 "	5/16 " trip. or thread.	G221	1¾ in. dia.
XDF133‡	Wrt. "	1¾ " "	2¼ "	5/16 " " " "	D321¶	1¾ " "
XCA134‡	" "	2 " "	2 5/16 "	5/16 " threaded	XCA322¶	2 " "
XCB134‡	" "	2 " "	2⅜ "	5/16 " "	XCA322¶	2 " "
XDF134‡	" "	2 " "	2⅜ "	5/16 " trip. or thread.	D222¶	2 " "
XDQ134	Cast "	2 " "	2½ "	5/16 " " " "	G221	1¾ " "

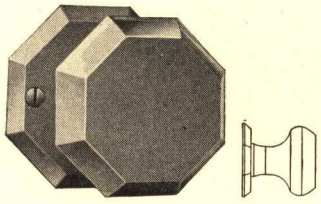
*Plain center.
†Matted center.
‡These knobs have a wrought top and cast shank.
¶Wrought rose.
The Nos. XCA134 and XCB134 knobs have special shanks and cannot be used with regular roses or escutcheons.
The sizes given are the maximum dimensions of each top.
For finishes, see page XXV.
Packed: ½ doz. pairs in a box.

CUTS ONE-HALF SIZE

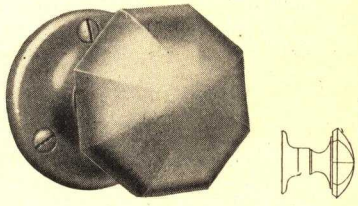
DOOR KNOBS AND ROSES



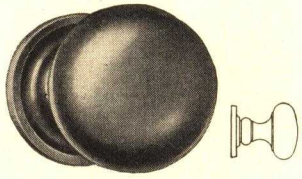
Nos. XM134 and XM320



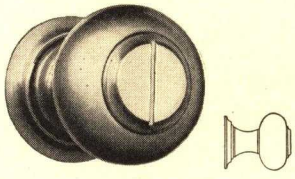
Nos. XU134 and XU223



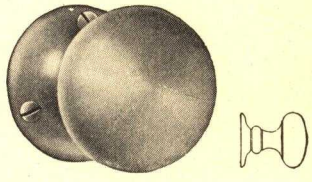
Nos. XKA24 and G222



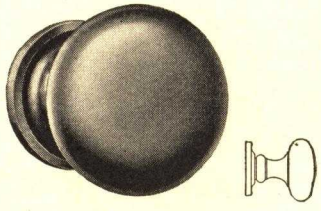
Nos. XW133 and XW361*



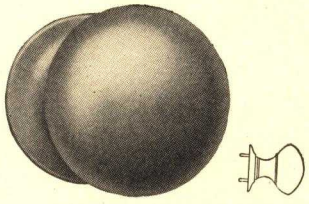
Nos. XY133 and XH319*



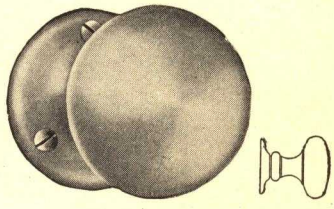
Nos. XDJ133 and XH320



Nos. XW134 and XW361*



Nos. XT134 and XT320*



Nos. XDJ134 and XH320

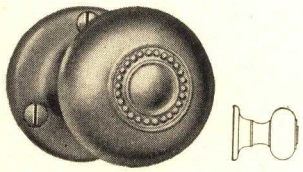
Cast Bronze or Brass

No.	Material	Size	Projection	Spindle	Rose	Size
XKA24	Cast bronze	2 in. dia.	2¼ in.	5/16 in. trip. or thread.	G222	2 in. dia.
XW133	" "	1¾ " "	2 1/16 "	5/16 " " " "	XW361*	1 11/16 " "
XY133	" "	1 11/16 " "	2 "	5/16 " solid	XH319*	1 11/16 " "
XDJ133	" "	1¾ " "	2¼ "	5/16 " trip. or thread.	XH320	1¾ " "
XM134	" "	2 " "	2 5/16 "	5/16 " " " "	XM320	2 " "
XT134	" "	2 " "	2¼ "	5/16 " triplex	XT320*	1⅞ " "
XU134	" "	2 1/16 " "	2 3/16 "	5/16 " " or thread.	XU223	2¼ " "
XW134	" "	2 " "	2 3/16 "	5/16 " " " "	XW361*	1 11/16 " "
XDJ134	" "	2 " "	2½ "	5/16 " " " "	XH320	1¾ " "

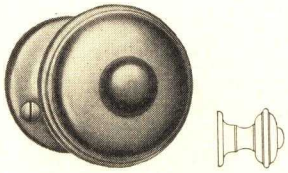
*Roses have concealed screws.
The sizes given are the maximum dimensions of each top.
The above knobs have special shanks and cannot be used with regular roses or escutcheons, except Nos. XKA24, XM134 and XU134 which have the No. 5 shank.
For finishes, see page XXV.
Packed: ½ doz. pairs in a box.

DOOR KNOBS AND ROSES

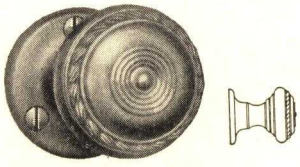
CUTS ONE-HALF SIZE



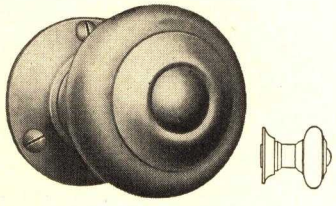
Nos. PF133 and G221



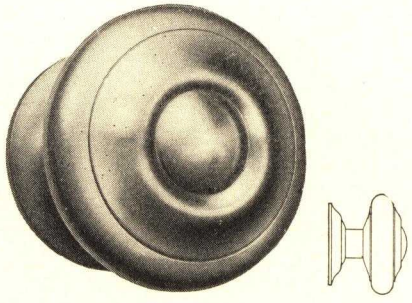
Nos. XDP134 and G221



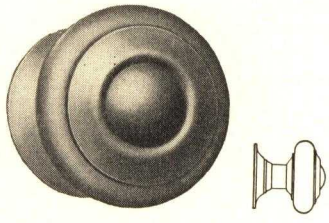
Nos. XDM133 and G221



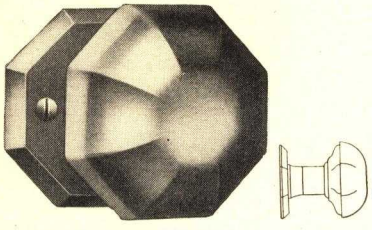
Nos. XP134 and XP320



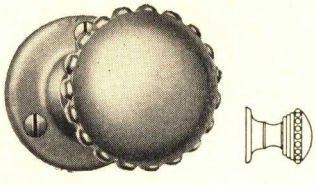
Nos. XP139 and XP365*



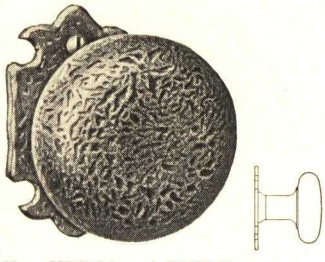
Nos. XP135 and XP322†



Nos. XKA35 and XKA223



Nos. OB133 and G221



Nos. XDS134 and XDS240

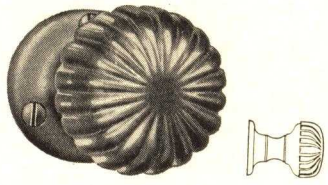
Cast Bronze or Brass

No.	Material	Size	Projection	Spindle	Rose	Size
XKA35	Cast bronze	2¼ in. dia.	2⅝ in.	5/16 in. trip. or threaded	XKA223	2¼ in. dia.
OB133	" "	1¾ " "	2⅝ "	5/16 " " " "	G221	1¾ " "
PF133	" "	1 11/16 " "	2¼ "	5/16 " " " "	G221	1¾ " "
XDM133	" "	1 11/16 " "	2 5/16 "	5/16 " " " "	G221	1¾ " "
XP134	" "	1 15/16 " "	2 3/16 "	5/16 " triplex	XP320	1¾ " "
XDP134	" "	1 15/16 " "	2⅜ "	5/16 " trip. or threaded	G221	1¾ " "
XDS134	" "	2⅛ " "	2 "	5/16 " threaded	XDS240	2½ x 1½ in.
XP135	" "	2 3/16 " "	2 3/16 "	5/16 " trip. or threaded	XP322†	2 in. dia.
XP139	" "	3 " "	2½ "	3/8 " threaded	XP365*	2⅝ " "

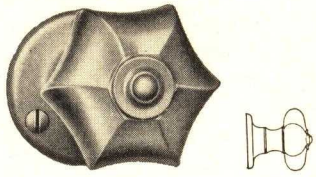
*Roses have concealed screws.
†Rose furnished with visible screws.
The sizes given are the maximum dimensions of each top.
Nos. XP134, XP135, XP139 and XDS134 knobs have special shanks and cannot be used with regular roses or escutcheons.
For finishes, see page XXV.
Packed: ½ doz. pairs in a box.

CUTS ONE-HALF SIZE

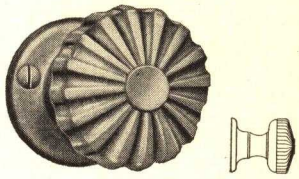
DOOR KNOBS AND ROSES



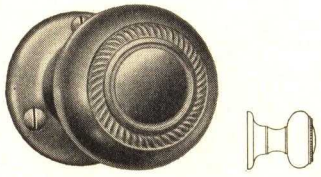
Nos. QP133 and G221



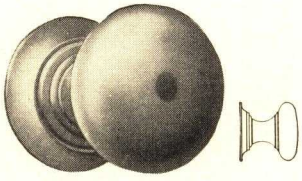
Nos. XDN154 and G221



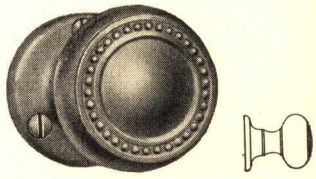
Nos. XDL133 and G221



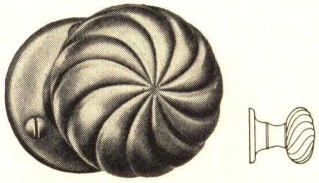
Nos. VL133 and G221



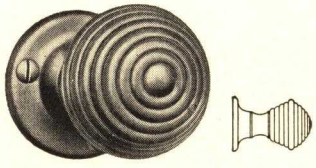
Nos. XDT133† and XDT319*



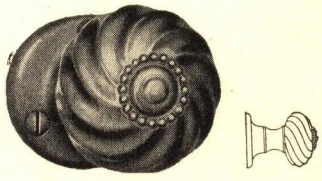
Nos. SC133 and G221



Nos. HS133 and G221



Nos. XDK143 and G221



Nos. KN133 and G221

Cast Bronze or Brass

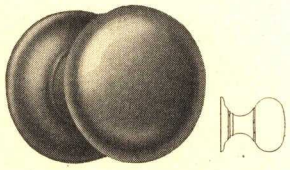
No.	Material	Size	Projection	Spindle	Rose	Size
HS133	Cast bronze	1¾ in. dia.	2⅜ in.	5/16 in. trip. or thread.	G221	1¾ in. dia.
KN133	" "	1 13/16 " "	2½ "	5/16 " " " "	G221	1¾ " "
QP133	" "	1¾ " "	2½ "	5/16 " " " "	G221	1¾ " "
SC133	" "	1¾ " "	2 3/16 "	5/16 " " " "	G221	1¾ " "
VL133	" "	1 11/16 " "	2 5/16 "	5/16 " " " "	G221	1¾ " "
XDL133	" "	1¾ " "	2 5/16 "	5/16 " " " "	G221	1¾ " "
XDT133†	" "	1¾ " "	1¾ "	5/16 " solid	XDT319*	1¾ " "
XDK143	" "	1 11/16 " "	2⅝ "	5/16 " trip. or thread.	G221	1¾ " "
XDN154	" "	2 " "	2¼ "	5/16 " " " "	G221	1¾ " "

†Knob has a steel plug in top.
*Roses have concealed screws.
The sizes given are the maximum dimensions of each top.
The No. XDT133 knob has a special shank and cannot be used with regular roses or escutcheons.
For finishes, see page XXV.
Packed: ½ doz. pairs in a box.

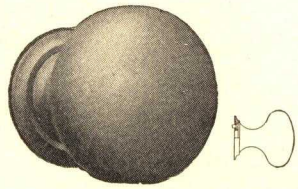
DOOR KNOBS AND ROSES

Roses have the Concealed Attachment Feature, shown on page 171

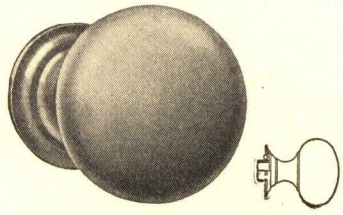
CUTS ONE-HALF SIZE



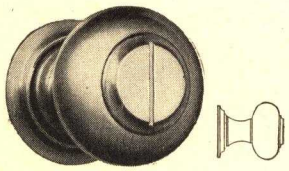
Nos. KNH131 and H520



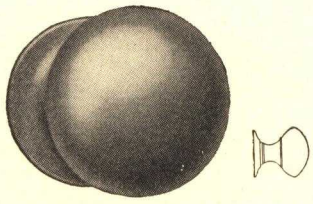
Nos. KNH132 and H518



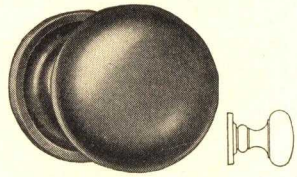
Nos. KNH134 and H519



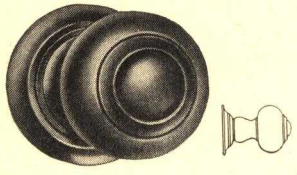
Nos. KNY133 and H517



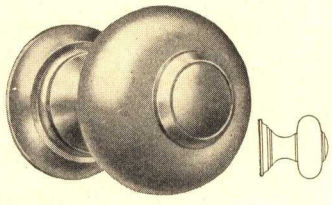
Nos. KNT134 and T520



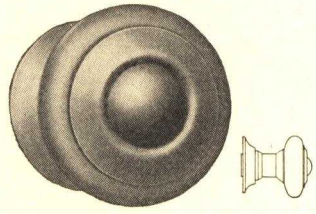
Nos. KNW133 and W561
Nos. KNW134 and W561



Nos. KND132 and H517



Nos. KND133 and H517
Nos. KND134 and H529
Nos. KND135 and H529



Nos. KNP135 and P522

Cast Bronze or Brass

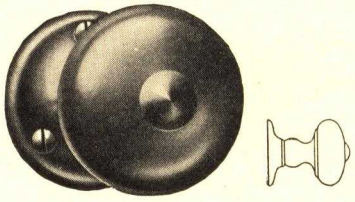
No.	Material	Size	Projection	Spindle	Rose	Size
KNH131	Cast bronze	1 1/16 in. dia.	2 1/16 in.	5/16 in. threaded	H520	1 3/4 in. dia.
KND132	" "	1 7/16 " "	2 1/8 "	5/16 " triplex	H517	1 11/16 " "
KNH132	" "	1 3/4 " "	1 7/8 "	5/16 " threaded	H518	1 3/8 " "
KND133	" "	1 11/16 " "	2 1/8 "	5/16 " solid	H517	1 11/16 " "
KNW133	" "	1 3/4 " "	2 1/16 "	5/16 " trip. or thread.	W561	1 11/16 " "
KNY133	" "	1 11/16 " "	2 "	5/16 " solid	H517	1 11/16 " "
KND134	" "	2 " "	2 5/16 "	5/16 " threaded	H529	1 7/8 " "
KNH134	" "	2 1/16 " "	2 1/4 "	5/16 " solid	H519	1 11/16 " "
KNT134	" "	2 " "	2 1/4 "	5/16 " triplex	T520	1 7/8 " "
KNW134	" "	2 " "	2 3/16 "	5/16 " trip. or thread.	W561	1 11/16 " "
KND135	" "	2 1/8 " "	2 5/8 "	5/16 " threaded	H529	1 7/8 " "
KNP135	" "	2 3/16 " "	2 3/16 "	5/16 " trip. or thread.	P522	2 " "

The sizes given are the maximum dimensions of each top.
The above knobs have special shanks and can be used only with the roses as listed.
For finishes see page XXV.
Packed: ½ doz. pairs in a box.

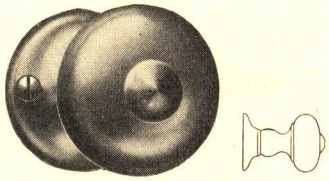
CUTS ONE-HALF SIZE

DOOR KNOBS AND ROSES

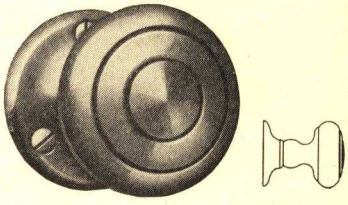
Wrought Bronze or Brass Top and Cast Bronze or Brass Shank



Nos. KNA134‡ and D222



Nos. KNA133‡ and D321



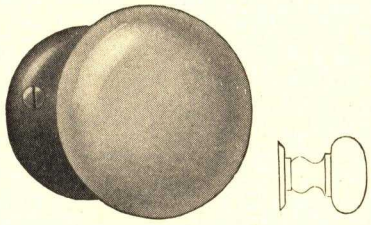
Nos. KNC134‡ and D222

No.	Material	Size	Projection	Spindle	Rose	Size
KNA133‡	Wrt. bronze	1¾ in. dia.	2⅜ in.	5/16 in. trip. or threaded	D321	1¾ in. dia.
KNA134‡	" "	2 " "	2½ "	5/16 " " " "	D222	2 " "
KNC134‡	" "	2 " "	2⅜ "	5/16 " " " "	D222	2 " "

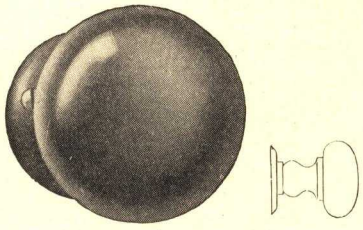
Packed: ½ doz. pairs in a box.
‡These knobs have a wrought top and cast shank.
Wrought roses are regularly furnished, but cast bronze roses can be supplied if ordered.

Porcelain and Jet Knobs

With Cast Bronze or Brass Shanks



No. P1235 (2¼ in. dia.) x Wrt. Rose
No. P1234 (2 in. dia.) x Wrt. Rose
No. P1233 (1¾ in. dia.) x Wrt. Rose



No. J1235 (2¼ in. dia.) x Wrt. Rose
No. J1234 (2 in. dia.) x Wrt. Rose
No. J1233 (1¾ in. dia.) x Wrt. Rose

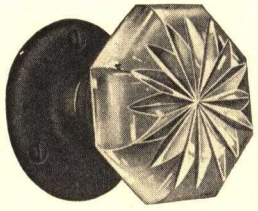
No.	Size	Top	Shank	Projection	Spindle	Rose
P1233	1¾ in. dia.	Porcelain	Cast bronze	2 in.	5/16 in. threaded	1¾ in. dia. Wrt. bronze
P1234	2 " "	"	" "	2 "	5/16 " "	1¾ " " " "
P1235	2¼ " "	"	" "	2¼ "	5/16 " "	2⅛ " " " "
J1233	1¾ " "	Jet	" "	2 "	5/16 " "	1¾ " " " "
J1234	2 " "	"	" "	2 "	5/16 " "	1¾ " " " "
J1235	2¼ " "	"	" "	2¼ "	5/16 " "	2⅛ " " " "

Wrought roses are regularly furnished, but cast bronze roses can be supplied to special order.
The Porcelain and Jet knobs have special shanks and cannot be used with regular roses or escutcheons.
Packed: 1 pair in a box.
The sizes given are the maximum dimensions of each top.
For finishes, see page XXV.

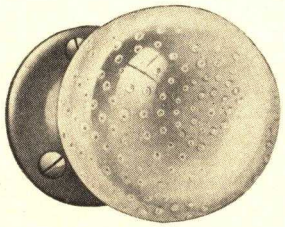
CUTS ONE-HALF SIZE

DOOR KNOBS AND ROSES

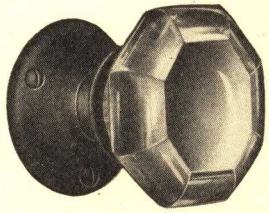
Cut Glass



No. GG557–2¼ in.
No. GG537–1¾ in.



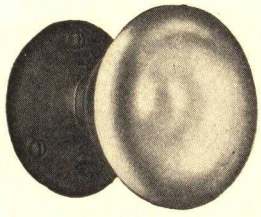
No. GGO950–2¼ in.



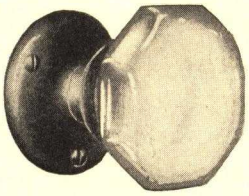
No. GG556–2¼ in.
No. GG536–1¾ in.

No.	Knob Shank	Shank	Size of Knob	Color	Rose No.	Rose	Size of Rose
GG536	Cast bronze	No. 4	1¾ in.	Clear	G321	Cast bronze	1¾ in.
GG537	" "	" 4	1¾ "	"	G321	" "	1¾ "
GG556	" "	" 5	2¼ "	"	G222	" "	2 "
GG557	" "	" 5	2¼ "	"	G222	" "	2 "
GGO950	" "	" 5	2¼ "	"	G222	" "	2 "

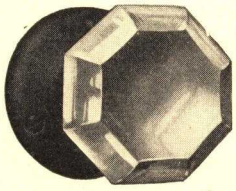
Pressed Glass Knobs



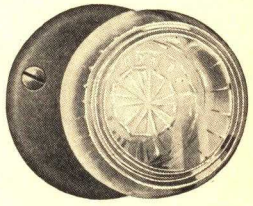
No. GGO330
Nos. DGO350–GGO350



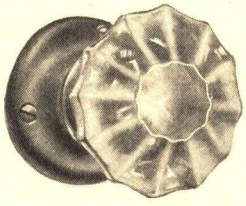
No. GGO240
Nos. DGO260–GGO260



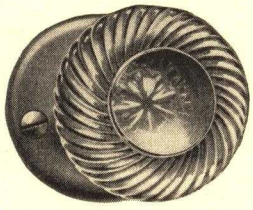
No. GGO520
Nos. DGO540–GGO540



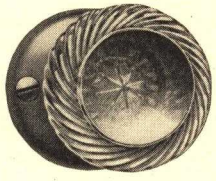
Nos. DGO341–GGO341



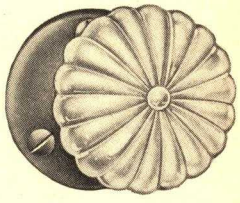
No. GGO522
Nos. DGO542–GGO542



Nos. DGO752-GGO752



No. GGO732



Nos. DGO753–GGO753

No.	Knob Shank	Shank	Size of Knob	Color	Rose No.	Rose	Size of Rose
GGO240	Cast bronze	No. 4	1¾ in.	Milk white	G321	Cast bronze	1¾ in.
GGO260	" "	" 5	2 "	" "	G222	" "	2 "
GGO330	" "	" 4	1¾ "	Clear	G321	" "	1¾ "
GGO341	" "	" 5	2 "	"	G222	" "	2 "
GGO350	" "	" 5	2¼ "	"	G222	" "	2 "
GGO520	" "	" 4	1¾ "	"	G321	" "	1¾ "
GGO522	" "	" 4	1¾ "	"	G321	" "	1¾ "
GGO540	" "	" 5	2 1/16 "	"	G222	" "	2 "
GGO542	" "	" 5	2 "	"	G222	" "	2 "
GGO732†	" "	" 4	1¾ "	"	G321	" "	1¾ "
GGO752†	" "	" 5	2 "	"	G222	" "	2 "
GGO753†	" "	" 5	2 "	"	G222	" "	2 "
DGO260	Wrt. bronze	" 5	2 "	Milk white	D222	Wrt. "	2 "
DGO341†	" "	" 5	2 "	Clear	D222	" "	2 "
DGO350	" "	" 5	2¼ "	"	D222	" "	2 "
DGO540†	" "	" 5	2 1/16 "	"	D222	" "	2 "
DGO542†	" "	" 5	2 "	"	D222	" "	2 "
DGO752†	" "	" 5	2 "	"	D222	" "	2 "
DGO753†	" "	" 5	2 "	"	D222	" "	2 "

†Fire Polished tops.

Glass door knobs are furnished with roses and with 5/16 in. solid spindles threaded on both ends. The adjustment is ½ in. If knob are wanted without roses, order must so specify. Knobs are furnished regularly for 1¼ to 1¾ in. doors.

When glass door knobs are paired with metal door knobs, the spindle will be grooved for the metal end and pinned fast, the adjustment, ¾ in. being obtained on the glass end. Furnished regularly for 1¼ to 2 in. doors.

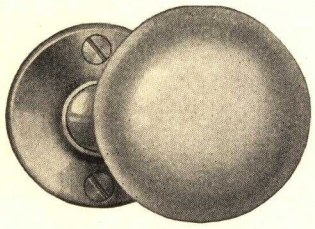
Any of the above knobs may be furnished with mortise bolt spindle; when ordering, add "½" to list number.

For finishes, see page XXV.

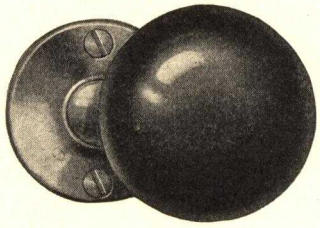
DOOR KNOBS AND ROSES

Pottery

CUTS ONE-HALF SIZE



Nos. 202, F202 and G202



Nos. 205 and F205

	Knob					Rose	
No.	Material	Shank	Size	Spindle	For Locks	Material	Size
200	Porcelain	Japanned iron	2¼ in. dia.	5/16 in. solid	Rim	Japanned iron	2 in. dia.
202	"	" "	2¼ " "	5/16 " "	Mortise	" "	2 " "
203	Jet	" "	2¼ " "	5/16 " "	Rim	" "	2 " "
205	"	" "	2¼ " "	5/16 " "	Mortise	" "	2 " "

Packed: ½ doz. pairs in a box.

	Knob					Rose	
No.	Material	Shank	Size	Spindle	For Locks	Material	Size
F200	Porcelain	Plated iron	2¼ in. dia.	5/16 in. triplex	Rim	Plated steel	2 in. dia.
F202	"	" "	2¼ " "	5/16 " "	Mortise	" "	2 " "
F203	Jet	" "	2¼ " "	5/16 " "	Rim	" "	2 " "
F205	"	" "	2¼ " "	5/16 " "	Mortise	" "	2 " "
G202	Porcelain	Cast bronze	2¼ " "	5/16 " "	"	Wrt. bronze†	2 " "

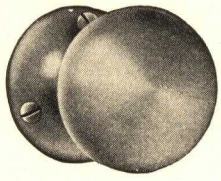
†Cast bronze roses can be furnished if ordered.
Packed: ½ doz. pairs in a box.

Mortise Bolt Knobs

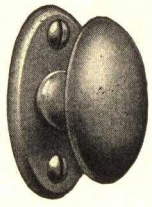
Cast Bronze or Brass



Nos. G363½ and G563½



No. G533½



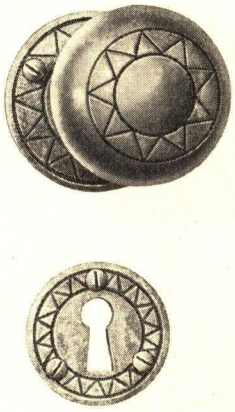
No. G564½

	Knob			Rose		
No.	Material	Size	Spindle	No.	Material	Size
G363½	Cast bronze	1½ x ¾ in.	3/16 in.	**DP2205**	Wrought bronze	2 x 1⅛ in.
G533½	" "	1¾ in. dia.	5/16 "	**G321**	Cast bronze	1¾ in. dia.
G563½	" "	1½ x ¾ in.	5/16 "	**DP2205**	Wrought bronze	2 x 1⅛ in.
G564½	" "	1¾ x 15/16 "	5/16 "	**DP2205**	" "	2 x 1⅛ "

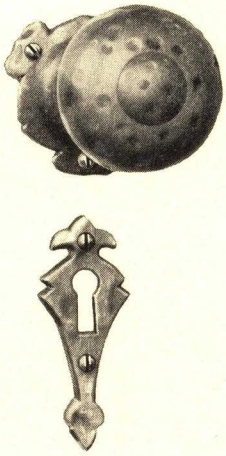
Packed: ½ doz. in a box.

All knobs may be spindled in pairs, in which case omit ½ from list number.
For finishes, see page XXV.

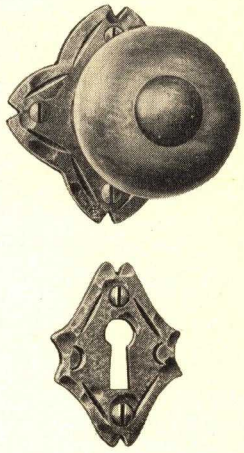
KNOBS, ROSES
KEY PLATES AND ESCUTCHEONS



No. XZA134 knob, 1⅞ in. dia.
No. XZA321 rose, 1⅞ in. dia.
No. XZA812 key plate, 1½ in. dia.



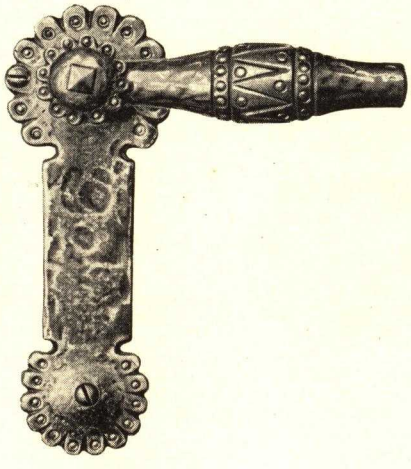
No. XZB133 knob, 1¾ in. dia.
No. XZB322 rose, 2 in. dia.
No. XZB812 key plate, 2⅞ x 1⅛ in.



No. XZC133 knob, 1¾ in. dia.
No. XZC334 rose, 2⅜ x 2⅜ in.
No. XZC812 key plate, 2 x 1⁷⁄₁₆ in.

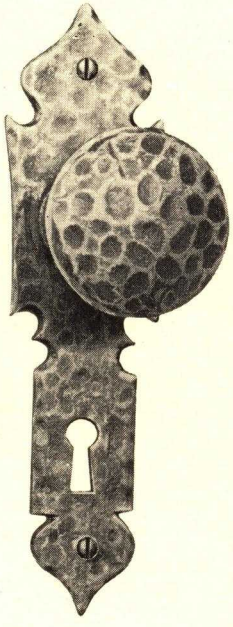


No. XZF134 knob,
1⅞ in. dia.

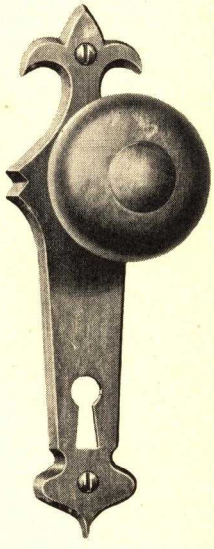


No. XZF932 lever
handle, 3⅜ in. long, 2 in. proj.

No. XZF81 escut., 5 x 1⅞ in.
No. XZF82 escut., 5¼ x 1⅞ in.
No. XZF83 escut., 5¾ x 1⅞ in.



No. XZE134 knob, 2 in. dia.
No. XZE82 escut., 6¼ x 1¾ in.
No. XZE83 escut., 6½ x 1¾ in.
No. XZE84 escut., 6¾ x 1¾ in.

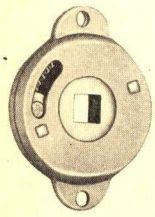


No. XZD133 knob, 1¾ in. dia.
No. XZD81 escut., 5¾ x 1¾ in.
No. XZD82 escut., 6¼ x 1¾ in.
No. XZD83 escut., 6⅝ x 1¾ in.

All of above knobs, escutcheons etc., can be furnished in cast bronze, brass or nickeline.
When ordering, give list number, lock with which it will be used and finish. For finishes see page XXV.
The above knobs and lever handle have a ⁵⁄₁₆ in. threaded spindle.

LEVER HANDLES

CUTS ONE-HALF SIZE

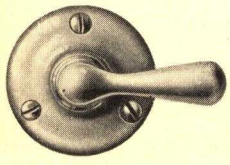


No. 1890

The spring controlling the hub of a lock, if properly designed for a pair of knobs, is not sufficiently firm to carry a pair of ordinary sized lever handles. The auxiliary spring attachment, No. 1890, here illustrated, is designed to correct this. It is mortised into the door between lock hub and rose or escutcheon. For 5/16 or 3/8 in. spindle. Reversible for doors of either hand.

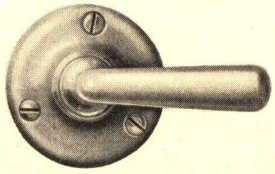
When lever handles are associated with locks not having the "gun-spring" hub the auxiliary spring attachment should always be used, and the order must so specify.

Suitable roses and plates for association with lever handles are shown on page 170 or under the design indicated.



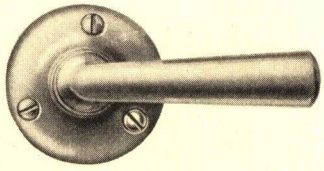
Nos. 900 and G321



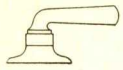


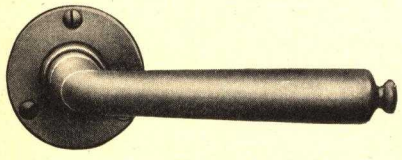
Nos. 905 and G321
Nos. 2905 and B321



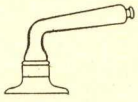


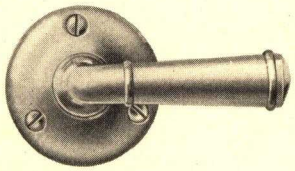
Nos. 913 and G222



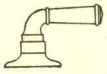


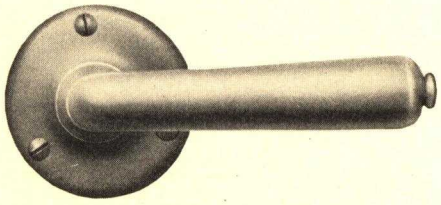
Nos. 917 and G222
Nos. 2917 and B222



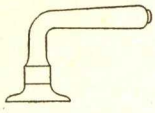


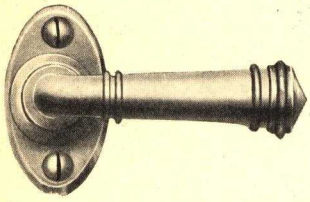
Nos. 925 and G321



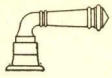


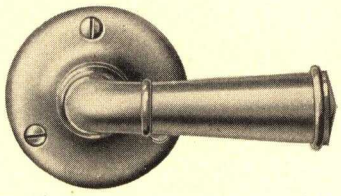
Nos. 947 and G222



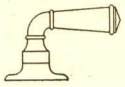


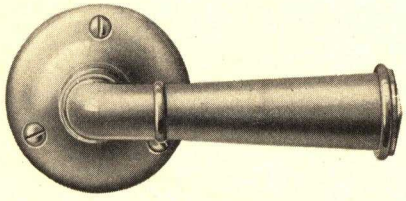
Nos. 924 and DP381



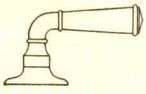


Nos. 930 and G222





Nos. 931 and G222

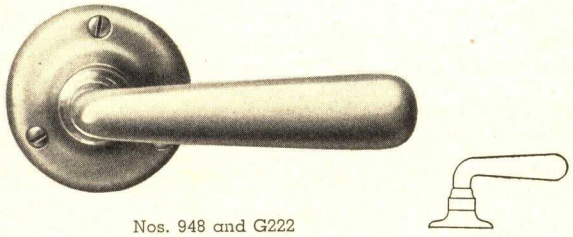


No.	Material	Length†	Projection	Square Spindle	Shank	No.	Suitable Rose Material	Size
900	Cast bronze	1 5/8 in.	1 5/8 in.	5/16 in.	No. 4	G321	Cast bronze	1 3/4 in. dia.
905	" "	1 7/8 "	1 3/4 "	5/16 "	" 4	G321	" "	1 3/4 " "
913	" "	2 7/16 "	1 3/4 "	5/16 "	" 5	G222	" "	2 " "
917	" "	3 1/4 "	2 1/4 "	5/16 "	" 5	G222	" "	2 " "
924	" "	2 5/8 "	1 7/8 "	5/16 "	" 4	DP381	Wrt. "	2 x 1 1/8 in.
925	" "	2 3/16 "	1 7/8 "	5/16 "	" 4	G321	Cast "	1 3/4 in. dia.
930	" "	2 5/8 "	2 1/4 "	5/16 and 3/8 in.	" 5	G222	" "	2 " "
931	" "	3 5/16 "	2 3/8 "	5/16 " 3/8 "	" 5	G222	" "	2 " "
947	" "	3 5/8 "	2 3/4 "	5/16 " 3/8 "	" 5	G222	" "	2 " "
2905	" iron	1 7/8 "	1 3/4 "	5/16 "	" 4	B321	Wrt. steel	1 3/4 " "
2917	" "	3 1/4 "	2 1/4 "	5/16 "	" 5	B222	" "	2 " "

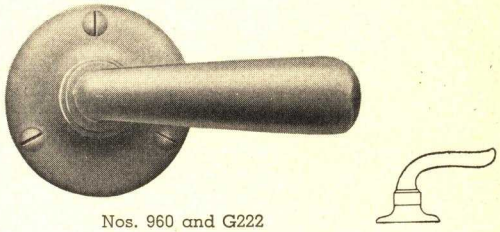
†Measured from end of handle to center of spindle.
Regularly furnished without roses. If roses are wanted, order must so specify.
If wanted in half pairs, specify if for outside or inside of door.
When ordering, state if to be spindled in pairs, and thickness of door. For finishes, see page XXV.

CUTS ONE-HALF SIZE

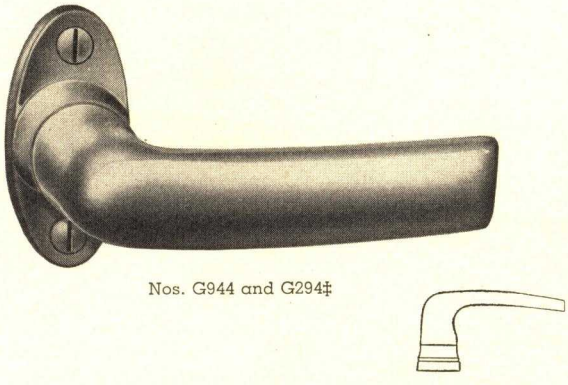
LEVER HANDLES



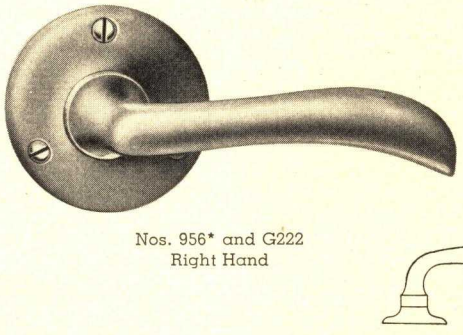
Nos. 948 and G222



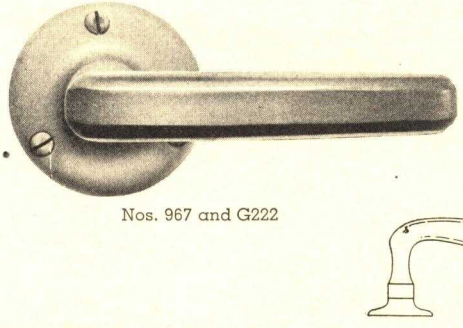
Nos. 960 and G222



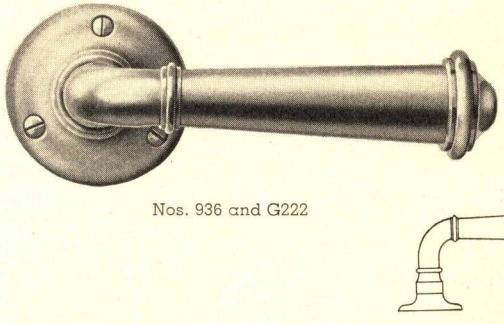
Nos. G944 and G294‡



Nos. 956* and G222
Right Hand



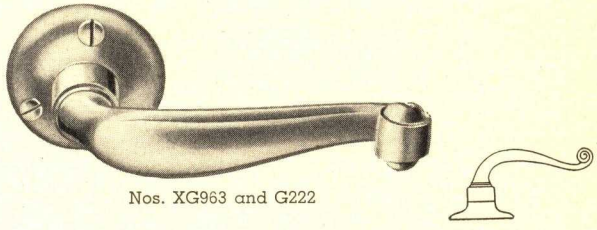
Nos. 967 and G222



Nos. 936 and G222



Nos. XP953* and G282
Right Hand



Nos. XG963 and G222

No.	Material	Length†	Projection	Square Spindle	Shank	Suitable Rose No.	Material	Size
936	Cast bronze	4¼ in.	3 in.	5/16 and 3/8 in.	No. 5	G222	Cast bronze	2 in. dia.
G944	Forged "	3 15/16 "	2 3/8 "	3/8 in.	Spec.	G294‡	Forged "	2 7/8 x 1 1/4 in.
948	Cast "	3¼ "	2 5/8 "	5/16 and 3/8 in.	No. 5	G222	Cast "	2 in. dia.
XP953*	" "	3 1/8 "	2 1/16 "	5/16 " 3/8 "	" 5	G282	" "	2 1/16 x 1 in.
956*	" "	3¼ "	2½ "	5/16 " 3/8 "	" 5	G222	" "	2 in. dia.
960	" "	2¾ "	2¼ "	5/16 " 3/8 "	" 5	G222	" "	2 " "
XG963	" "	3 11/16 "	2 1/8 "	5/16 in.	" 5	G222	" "	2 " "
967	" "	3 5/8 "	3 "	5/16 and 3/8 in.	" 5	G222	" "	2 " "

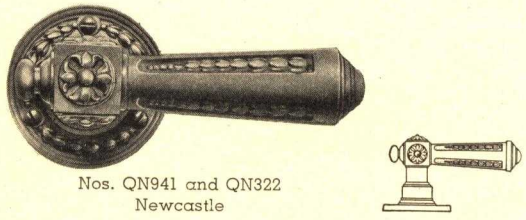
‡Auxiliary spring is contained in the rose.
*Specify hand of door when ordering.
†Measured from end of handle to center of spindle.
Regularly furnished without roses. If roses are wanted, order must so specify.
If wanted in half pairs, specify if for outside or inside of door.
When ordering, state if to be spindled in pairs, and thickness of door. For finishes, see page XXV.

LEVER HANDLES

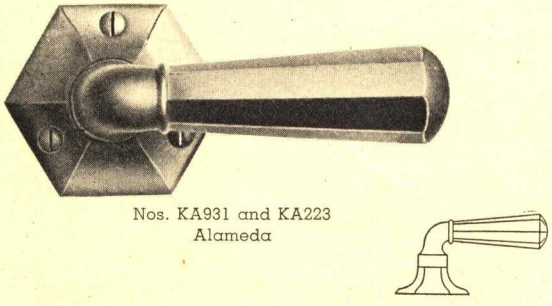
CUTS ONE-HALF SIZE



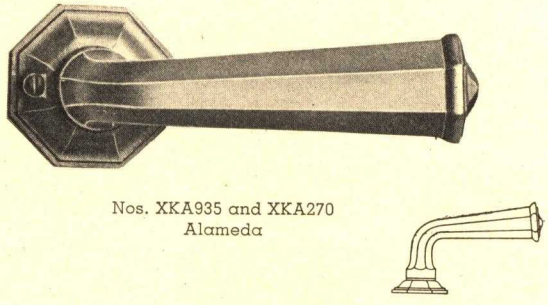
Nos. KA930 and KA220
Alameda



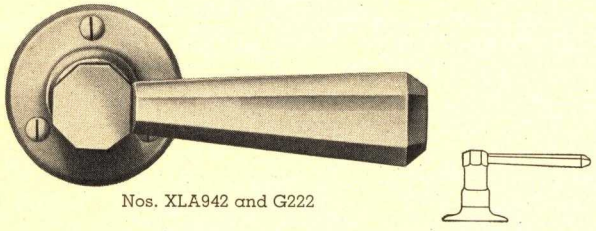
Nos. QN941 and QN322
Newcastle



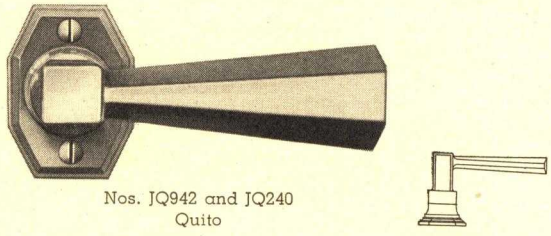
Nos. KA931 and KA223
Alameda



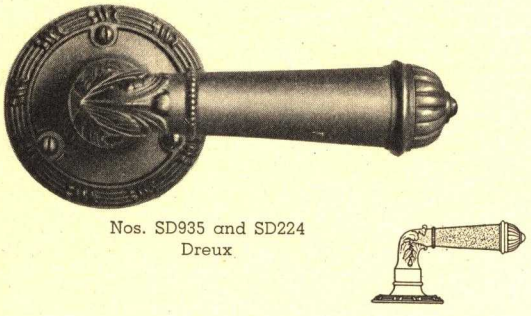
Nos. XKA935 and XKA270
Alameda



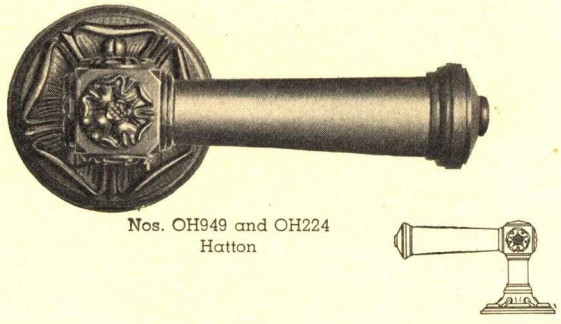
Nos. XLA942 and G222



Nos. JQ942 and JQ240
Quito



Nos. SD935 and SD224
Dreux



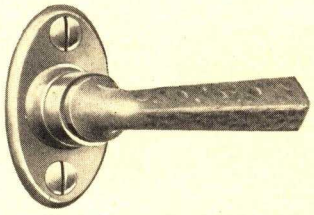
Nos. OH949 and OH224
Hatton

No.	Material	Length†	Projection	Square Spindle	Shank	Suitable Rose No.	Suitable Rose Material	Suitable Rose Size
KA930	Cast bronze	2 7/8 in.	2 3/4 in.	5/16 and 3/8 in.	No. 5	KA220	Cast bronze	1 3/4 in. dia.
KA931	" "	3 1/2 "	2 1/2 "	5/16 " 3/8 "	" 5	KA223	" "	2 1/4 " "
SD935	" "	3 3/4 "	2 1/2 "	5/16 " 3/8 "	" 5	SD224	" "	2 3/8 " "
XKA935	" "	4 "	2 7/8 "	5/16 " 3/8 "	" 5	XKA270	" "	1 3/4 " "
QN941	" "	3 1/2 "	2 3/8 "	5/16 " 3/8 "	Spec.	QN322	" "	2 " "
XLA942	" "	3 1/2 "	2 3/16 "	5/16 " 3/8 "	No. 5	G222	" "	2 " "
JQ942	" "	3 1/4 "	2 1/4 "	5/16 " 3/8 "	" 5	JQ240	" "	2 x 1 7/16 in.
OH949	" "	3 7/8 "	2 3/4 "	5/16 " 3/8 "	" 5	OH224	" "	2 3/8 in. dia.

*Specify hand of door when ordering.
†Measured from end of handle to center of spindle.
Regularly furnished without roses. If roses are wanted, order must so specify.
If wanted in half pairs, specify if for outside or inside of door.
When ordering, state if to be spindled in pairs, and thickness of door. For finishes, see page XXV.

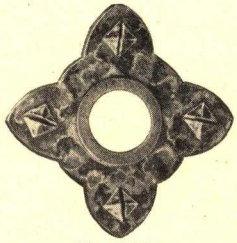
LEVER HANDLES

CUTS ONE-HALF SIZE

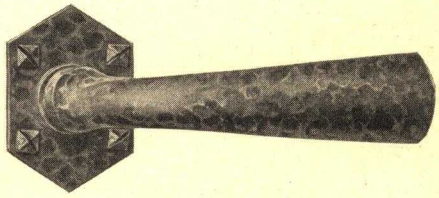


Nos. OY922 and DP291
Yates

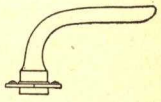


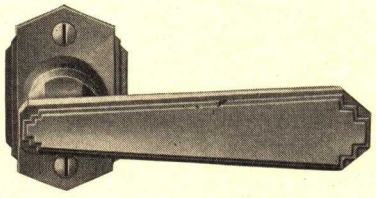


No. JN234
Naco

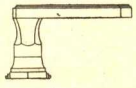


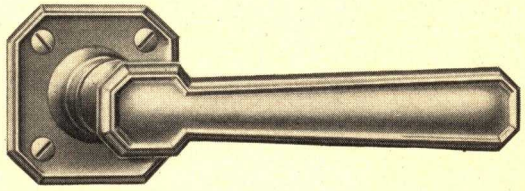
Nos. IC961 and IC243
Coronado
This handle when associated with the JN234 rose shown at the left, will be listed as No. JN961



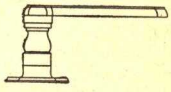


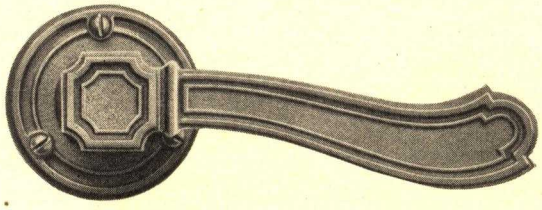
Nos. TL942‡ and TL241
Lynate



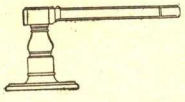


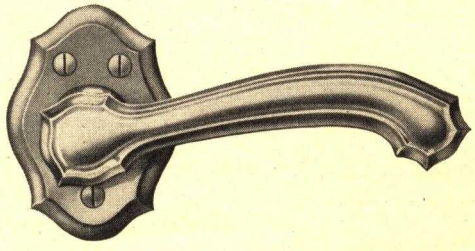
Nos. ZR942 and ZR232



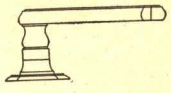


Nos. UM935* and UM273
Malaga





Nos. LHA941* and LHA244

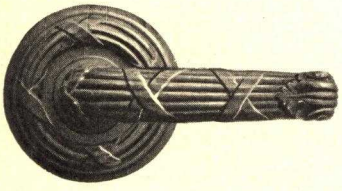


No.	Material	Length†	Projection	Square Spindle	Shank	Suitable Rose No.	Material	Size
OY922	Cast bronze	1 7/8 in.	1 3/4 in.	5/16 in.	No. 5	DP291	Wrt. bronze	2 x 1 1/8 in.
UM935*	" "	4 3/8 "	2 1/2 "	5/16 and 3/8 in.	" 5	UM273	Cast "	2 1/4 in. dia.
LHA941*	" "	4 1/16 "	2 3/16 "	5/16 in.	" 5	LHA244	" "	2 3/4 x 2 in.
TL942‡	" "	3 1/4 "	2 1/4 "	5/16 "	" 5	TL241	" "	2 1/8 x 1 3/8 "
ZR942	" "	4 "	2 3/8 "	5/16 "	" 5	ZR232	" "	2 x 2 "
IC961	Bronze or nick.	4 "	2 3/4 "	5/16 "	" 5	IC243	Bronze or nick.	2 1/2 x 1 11/16 "
JN961	" " "	4 "	2 3/4 "	5/16 "	" 5	JN234	" " "	2 1/2 x 2 1/2 "

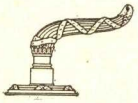
‡This lever handle can also be used with the Tower and Verticon designs.
*Specify hand of door when ordering.
†Measured from end of handle to center of spindle.
Regularly furnished without roses. If roses are wanted, order must so specify.
If wanted in half pairs, specify if for outside or inside of door.
When ordering, state if to be spindled in pairs, and thickness of door. For finishes, see page XXV.

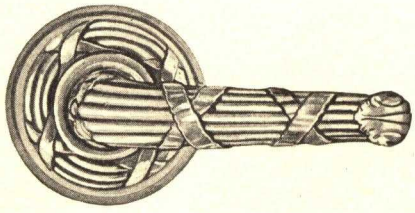
LEVER HANDLES

CUTS ONE-HALF SIZE

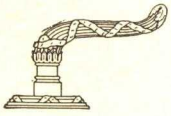


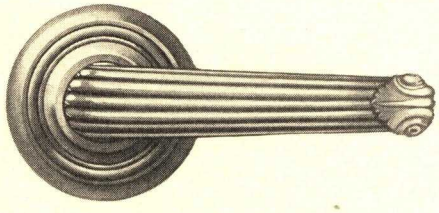
Nos. OL960 and OL323
Lorraine



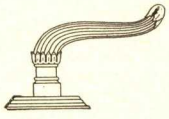


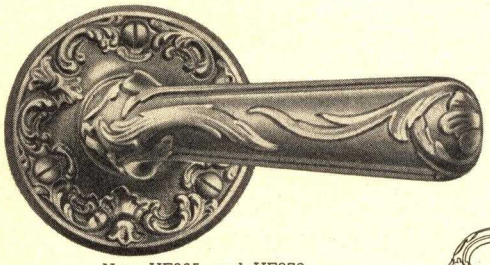
Nos. OL965 and OL274
Lorraine



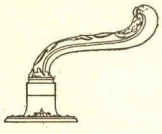


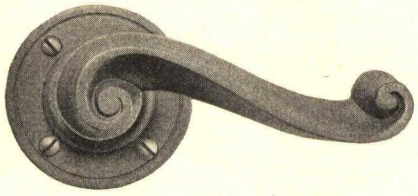
Nos. XOL965 and XOL274
Style of No. XOL967



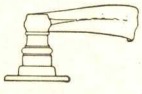


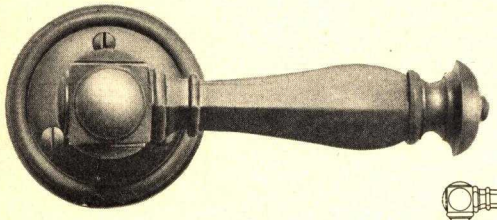
Nos. HF965 and HF273
Style of No. HF963
Fleury



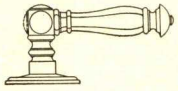


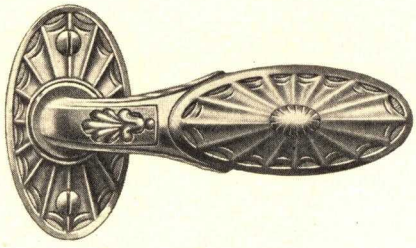
Nos. XN955* and XN272
Right hand



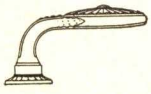


Nos. XJ935 and XJ272





Nos. MG963 and MG275
Gateshead

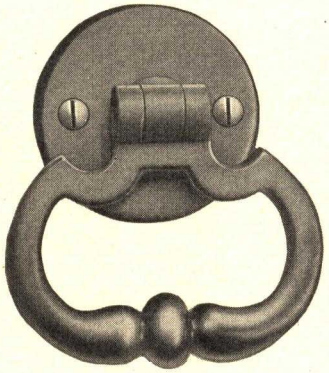


No.	Material	Length†	Projection	Square Spindle	Shank	No.	Suitable Rose Material	Size
XJ935	Cast bronze	4 in.	2⅜ in.	5/16 and ⅜ in.	No. 5	XJ272	Cast bronze	2¼ in. dia.
XN955*	" "	3⅜ "	2⅜ "	5/16 " ⅜ "	" 5	XN272	" "	2 " "
OL960	" "	2⅞ "	2⅞ "	5/16 " ⅜ "	" 5	OL323	" "	2¼ " "
HF963	" "	3 "	2⅝ "	5/16 " ⅜ "	Spec.	HF273	" "	2¼ " "
MG963	" "	3⅝ "	2¼ "	5/16 " ⅜ "	No. 5	MG275	" "	2½ x 1⅜ in.
HF965	" "	3¾ "	3 9/16 "	5/16 " ⅜ "	Spec.	HF273	" "	2¼ in. dia.
OL965	" "	3⅝ "	3½ "	5/16 " ⅜ "	No. 5	OL274	" "	2⅝ " "
XOL965	" "	3½ "	4¼ "	5/16 " ⅜ "	Spec.	XOL274	" "	2½ " "
XOL967	" "	4 "	3¾ "	5/16 " ⅜ "	"	XOL274	" "	2½ " "

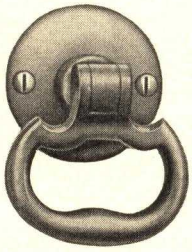
*Specify hand of door when ordering.
†Measured from end of handle to center of spindle.
Regularly furnished without roses. If roses are wanted, order must so specify.
If wanted in half pairs, specify if for outside or inside of door.
When ordering, state if to be spindled in pairs, and thickness of door. For finishes, see page XXV.

CUTS ONE-HALF SIZE

DROP RING HANDLES



No. 1765



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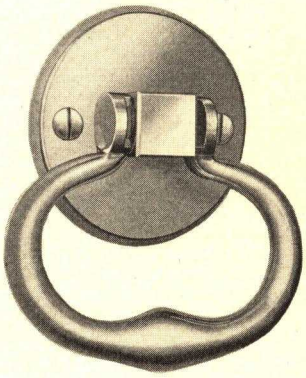

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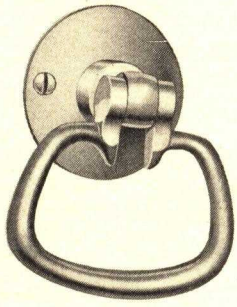
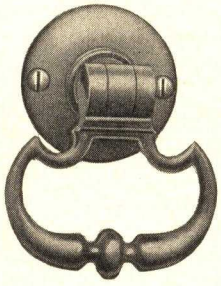
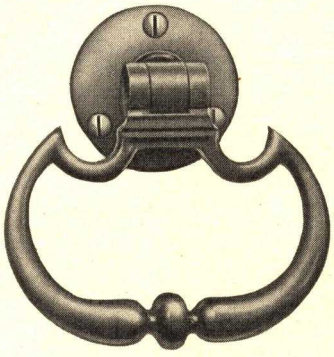


No. 1773



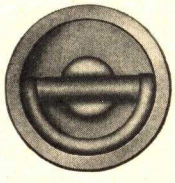
No. 1771



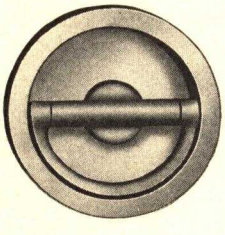
No. 1766

No.	Material	Rose	Drop	Projection	Spindle
1765	Cast bronze	2¼ in. dia.	2¼ x 3¼ in.	1 5/16 in.	5/16 in.
1766	" "	1 7/8 " "	2 3/8 x 3 3/8 "	1 5/16 "	5/16 "
1770	" "	1 5/8 " "	1 3/8 x 1 7/8 "	1 5/16 "	5/16 "
1771	" "	1 5/8 " "	1½ x 2¼ "	1 1/8 "	5/16 "
1773	" "	1 5/8 " "	2 x 2¼ "	1 1/16 "	5/16 "
1775	" "	2¼ " "	2½ x 3 "	¾ "	5/16 or 3/8 in.

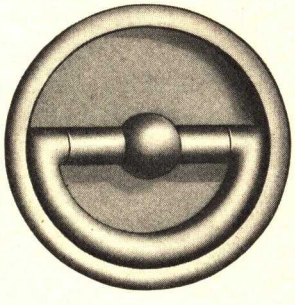
Drop Ring Handles with Cups



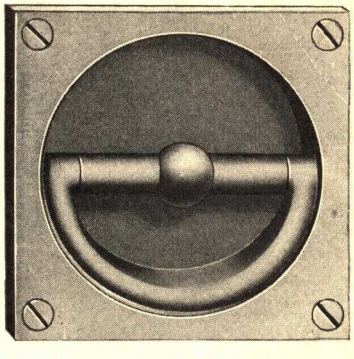
No. GL1001



No. GL1003



No. 1015



No. 1018

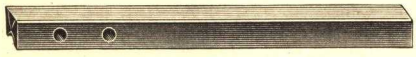
No.	Material	Plate	Cup	Spindle
GL1001	Cast bronze	1¾ in. dia.	1 3/8 in. dia. x 3/8 in.	5/16 in.
GL1003	" "	2¼ " "	1¾ " " x ½ "	5/16 "
1015	" "	3 " "	2¼ " " x ½ "	5/16 or 3/8 in.
1018	" "	3½ x 3½ in.	3 " " x 9/16 "	5/16 " 3/8 "

For doors not thinner than 2¼ in.
When ordering, give list number, thickness of door and size of spindle when necessary (5/16 or 3/8 in.)
For finishes, see page XXV.

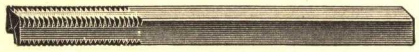
SPINDLES

Material: Steel

CUTS ONE-HALF SIZE



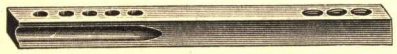
No. 1172—5/16 in. No. 1173—3/8 in.



No. 1172½



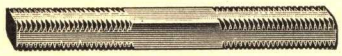
No. 1172¾



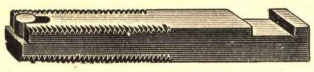
No. 1170—5/16 in. No. 1171—3/8 in.



No. 1170½—5/16 in. No. 1171½—3/8 in.



No. F1170—5/16 in. No. F1171—3/8 in.



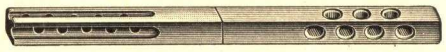
No. F1184



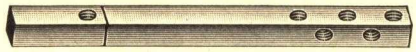
No. F1184B



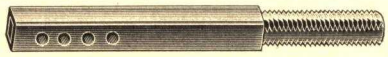
No. 1169—5/16 in. No. 1179—3/8 in.



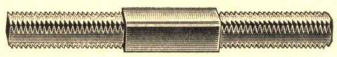
No. 1169H—5/16 in. No. 1179H—3/8 in.



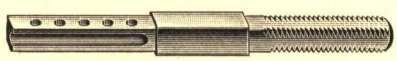
No. 1169½



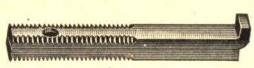
No. 1178F



No. 1178C



No. 1178E



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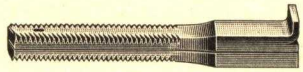


No. F1194

No.	Size	Regular Length*	Used For
1169†	5/16 in.	4½ in.	Knobs, with side knob screw, both ends
1169H†	5/16 "	4½ "	" " pin screw by pin end
1169½‡	5/16 "	4¼ "	" " side knob screw, both ends
1170	5/16 "	4¼ "	" side knob screw by pin-end
F1170	5/16 "	3 7/16 "	" threaded both ends
1170½	5/16 "	4 "	" " by pin end
1171	3/8 "	4¼ "	" side knob screw by pin end
F1171	3/8 "	3 5/8–4 1/8 "	" threaded both ends
1171½	3/8 "	4 3/8 "	" " by pin end
1172	5/16 "	4¼ "	" triplex both ends
1172½	5/16 "	4¼ "	" " by threaded
1172¾	5/16 "	4¼ "	" " " side knob screw
1173	3/8 "	4½ "	" " both ends
1178C	5/16 x 3/8 in.	3 7/16 "	" threaded both ends
1178E	5/16 x 3/8 "	4 "	" " by pin end
1178F	5/16 x 3/8 "	4 "	" 5/16 in. threaded by 3/8 in. pin end
1179	3/8 in.	4½ "	" with side knob screw, both ends.
1179H	3/8 "	4½ "	" " pin screw by pin end
F1184	3/8 "	2½ "	" threaded for 428, 7428 series locks
F1184B	5/16 x 3/8 in.	2½ "	" " " 428, 7428 " "
F1193	5/16 in.	2½ "	" " to operate one side only
F1194	5/16 x 3/8 in.	3 "	" " " " " " " " "

* May be furnished any length longer than regular, at an additional price.
† Threaded in center for adjustment.
‡ Threaded on end for adjustment.

CUTS ONE-HALF SIZE

SWIVEL SPINDLES

Material: Steel



No. 1176—5/16 in. No. 1177—3/8 in.



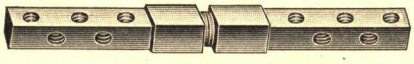
No. F1174½—5/16 in. No. F1175½—3/8 in.



No. 1174—5/16 in. No. 1175—3/8 in.



No. F1174—5/16 in. No. F1175—3/8 in.



No. 1169A



No. 1168A



No. 1168B



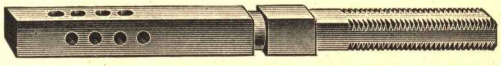
No. 1168C



No. 1168D



No. 1168E



No. 1168F



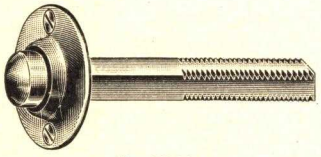
No. 1168G

No.	Size	Regular Length*	Used For
1168A	5/16 x 3/8 in.	4¾ in.	Knobs, triplex both ends
1168B	5/16 x 3/8 "	4¼ "	" " by threaded
1168C	5/16 x 3/8 "	4⅛ "	" threaded both ends
1168D	5/16 x 3/8 "	4½ "	" triplex by pin end
1168E	5/16 x 3/8 "	4¼ "	" threaded by pin end
1168F	5/16 x 3/8 "	4¾ "	" 5/16 in. threaded by 3/8 in. pin end
1168G	5/16 x 3/8 "	4¾ "	" 5/16 in. triplex by 3/8 " " "
1169A	5/16 x 3/8 "	4½ "	" side knob screw, both ends
1174	5/16 in.	4 "	" " " " by pin end
F1174	5/16 "	4⅛ "	" threaded both ends
F1174½	5/16 "	4⅛ "	" " by pin end
1175	3/8 "	4¼ "	" side knob screw by pin end
F1175	3/8 "	3⅝ "	" threaded both ends
F1175½	3/8 "	3⅝–4⅛ "	" " by pin end
1176	5/16 "	3⅞–4½ "	" triplex by pin end
1177	3/8 "	4¾–5¼ "	" " " " "

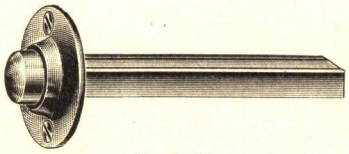
*May be furnished any length longer than regular, at an additional price.

SPINDLES
For Closet Doors

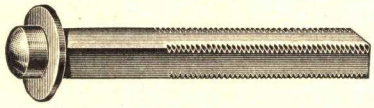
CUTS ONE-HALF SIZE



No. F1186



No. 1186



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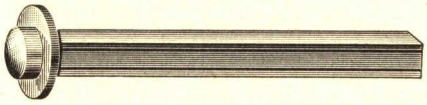

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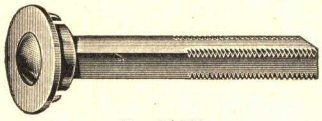

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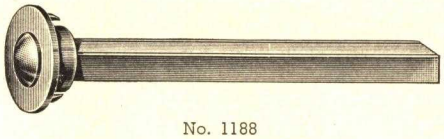

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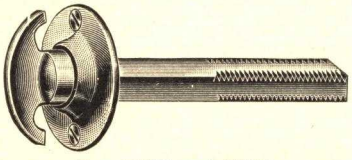
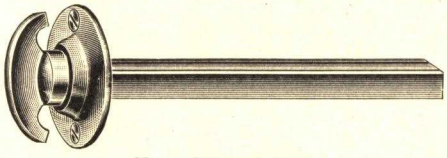
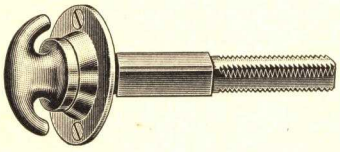


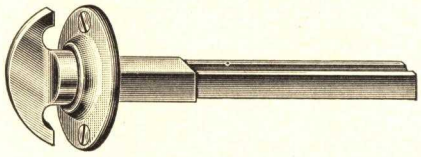
Nos. F1189 and F2189



Nos. 1189 and 2189



No. F1189½



Nos. 1189½ and 2189½

Material: Steel

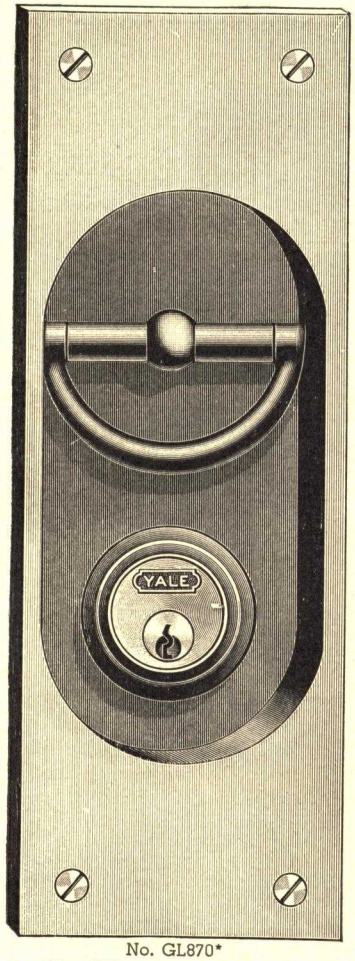
The finish wanted should be specified on all brass and bronze closet spindles; as they are furnished in the various finishes.

No.	Size	Regular Length*	Description
1186	5/16 in.	4 1/4 in.	Triplex, with bronze head and rose
F1186	5/16 "	2 5/8 "	Threaded " " " " "
1187A	5/16 "	4 1/4 "	Triplex, " steel head and washer
F1187A	5/16 "	2 5/8 "	Threaded, " " " " "
1188	5/16 "	4 1/4 "	Triplex, " bronze head and washer to let in flush
F1188	5/16 "	2 5/8 "	Threaded, " " " " " " " " "
1189	5/16 "	4 1/4 "	Triplex, " " tee and rose
1189½	5/16 x 3/8 in.	4 1/4 "	" " " " " " 3/8 in. center, 5/16 in. end
F1189	5/16 in.	2 5/8 "	Threaded, " " " " "
F1189½	5/16 x 3/8 in.	2 5/8 "	" " " " " " 3/8 in. center, 5/16 in. end
2189†	5/16 in.	3 1/4 "	Triplex, with iron, tee and rose
F2189†	5/16 "	2 5/8 "	Threaded, " " " " "
2189½†	5/16 x 3/8 in.	3 1/4 "	Triplex, " " " " " 3/8 in. center, 5/16 in. end

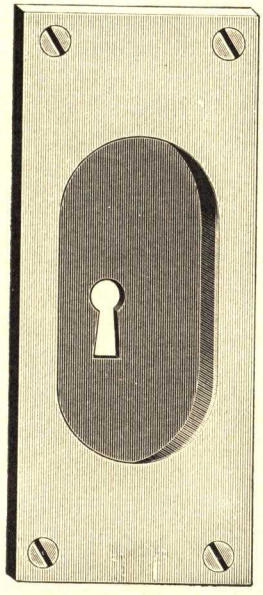
*May be furnished any length longer than regular, at an additional price.
†Will be furnished plated, BW10, for all bronze finishes; AW10, for all brass finishes; and NW10, for nickel finishes. If wanted in a black finish, FX90 will be supplied.

CUTS ONE-HALF SIZE

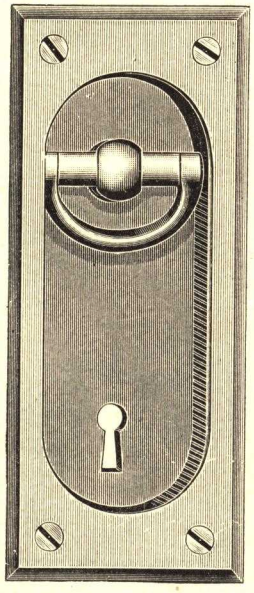
CUP ESCUTCHEONS



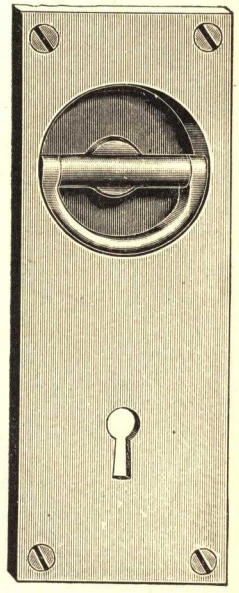
No. GL870*
No. GL872* no drop handle
No. GL879* with drop handle



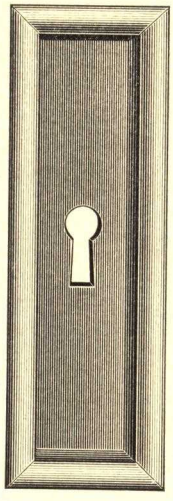
No. GL850*, 6 x 2½ in.
No. GL854*, 8 x 3 in.



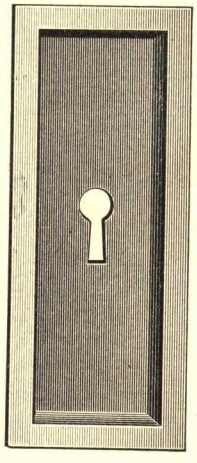
No. GR880



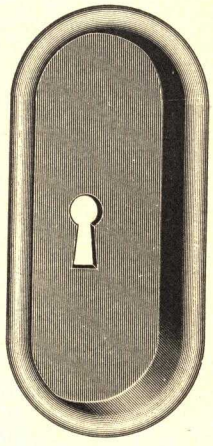
No. GL1006*



No. XB850, 5 x 1⅝ in.
No. XB854, 5¼ x 2¼ in.



No. NK850



No. GT890

Cast Bronze or Brass

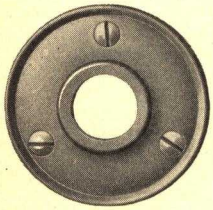
No.	Plate	Cup	For Locks
GL850*	6 x 2½ in.	3¼ x 1⅝ x ⅜ in.	Bit key sliding door locks
NK850	4⅝ x 1⅞ "	4⅛ x 1⅜ x 7/16 "	" " " " "
XB850	5 x 1⅝ "	4½ x 1 1/16 x 7/16 "	" " " " "
GL854*	8 x 3 "	4½ x 1⅝ x 7/16 "	" " " " "
XB854	5¼ x 2¼ "	4⅝ x 1 9/16 x 7/16 "	" " " " "
GL870*	10 x 3½ "	6 x 3 x ½ "	Cylinder " " "
GL872*	10 x 3½ "	6 x 3 x ½ "	" " " "
GL879*	10 x 3½ "	8 x 3 x ½ "	" " " "
GR880	6 x 2½ "	4⅝ x 1 15/16 x ½ "	Bit key mortise locks
GT890	4½ x 2 "	4 x 1½ x ½ "	" " sliding door locks
GL1006*	6 x 2¼ "	1¾ in. dia.	" " mortise locks

*Have straight sides so they can be set in flush.
When ordering, give list number, also list number of lock, so correct spacing will be furnished; thickness of door and size of spindle when necessary (5/16 or ⅜ in.) and finish.
For finishes, see page XXV.

ROSES

For Door Knobs and Lever Handles

CUTS ONE-HALF SIZE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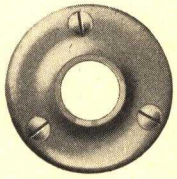
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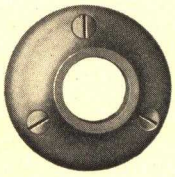
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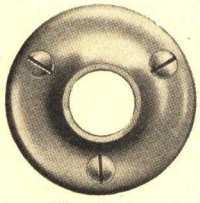
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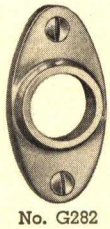
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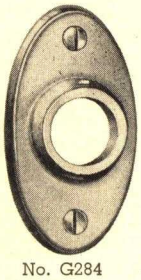
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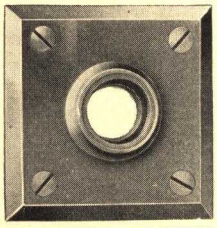
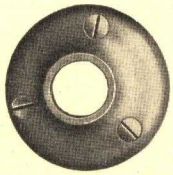

Nos. DU233 and BU233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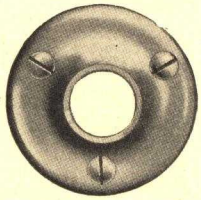
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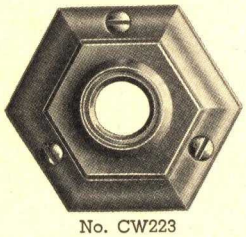
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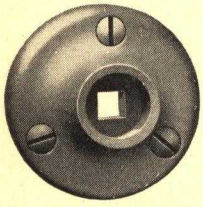
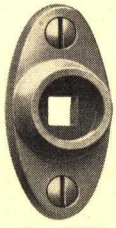
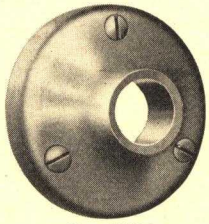
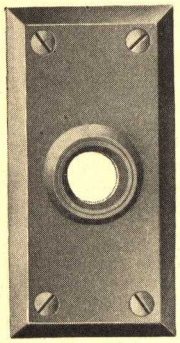

No. G252*
With auxiliary spring

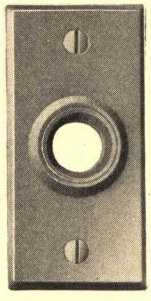

No. G293*
With auxiliary spring

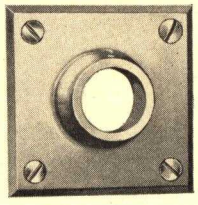

No. G253*
With auxiliary spring

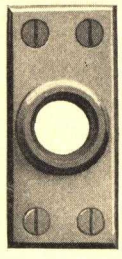

No. DP281 for knobs
No. DP291 for lever handles

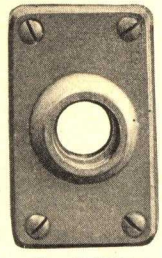

No. DP381


Nos. DU242 and BU242


Nos. DP340 and BP340


No. GR231


No. GR3205


No. GT3505

No.	Material	Size	Will Fit Shank
G221	Cast bronze	1¾ in. dia.	No. 5
B222	Wrought steel	2 " "	" 5
D222	" bronze	2 " "	" 5
G222	Cast "	2 " "	" 5
CW223	Wrought "	2 3/16 " "	" 5
GR231	Cast "	2 x 2 in.	" 5
BU233	Wrought steel	2¼ x 2¼ "	" 5
DU233	" bronze	2¼ x 2¼ "	" 5
BU242	" steel	3½ x 1¾ "	" 5
DU242	" bronze	3½ x 1¾ "	" 5
G252*	Cast "	2 in. dia.	" 5
G253*	" "	2¼ " "	" 5
XBF264	" "	2⅛ " "	" 5

No.	Material	Size	Will Fit Shank
DP281	Wrought bronze	2 x 1⅛ in.	No. 5
G282	Cast "	2 1/16 x 1 "	" 5
G284	" "	2 9/16 x 1⅜ "	" 5
DP291	Wrought "	2 x 1⅛ "	" 5
G293*	Cast "	2 3/16 x 1 1/32 "	" 5
B321	Wrought steel	1¾ in. dia.	" 4
D321	" bronze	1¾ " "	" 4
G321	Cast "	1¾ " "	" 4
BP340	Wrought steel	3 x 1½ in.	" 5
DP340	" bronze	3 x 1½ "	" 5
DP381	" "	2 x 1⅛ "	" 4
GR3205	Cast "	2½ x 1⅛ "	" 5
GT3505	" "	2½ x 1½ "	" 5

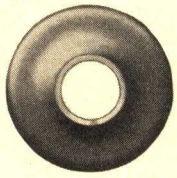
*Auxiliary spring is contained in the rose. Suitable for metal doors. No. G253 is handed, specify hand when ordering.
When ordering, give list number, also number of knob or lever handle with which it will be used and finish.
For finishes, see page XXV.

CUTS ONE-HALF SIZE

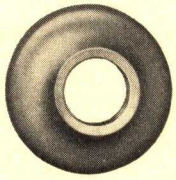
ROSES

For Door Knobs and Lever Handles

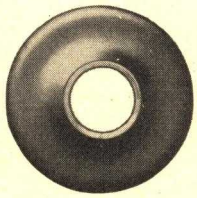
With Concealed Attachment



No. G531



No. G521



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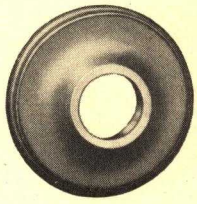
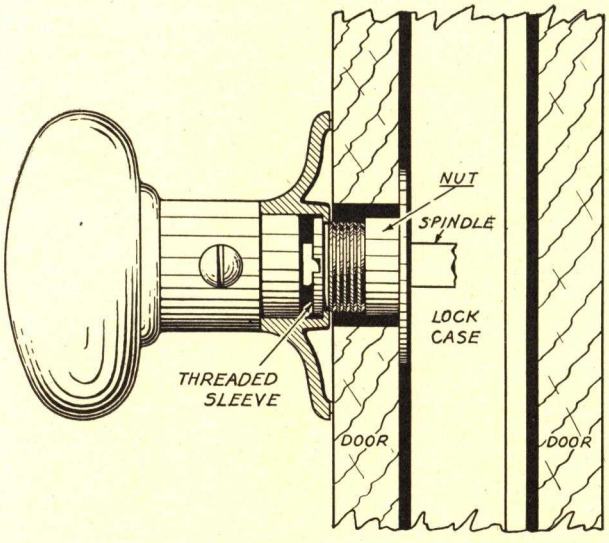


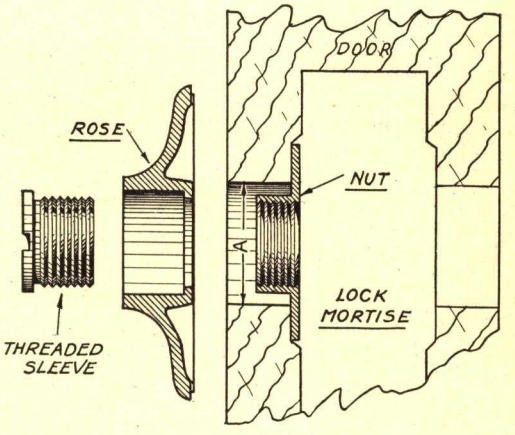
No. NC563 Chester

No.	Material	Size	For Spindles	Will Fit Shank
G521	Cast bronze	1¾ in. dia.	5/16 or 3/8 in.	No. 5
G522	" "	2 " "	5/16 " 3/8 "	" 5
G531	" "	1¾ " "	5/16 in. only	" 4
NC563	" "	2 " "	5/16 or 3/8 in.	" 5

The roses with concealed attachment, as illustrated on this page, have many advantages over the present types of roses with visible screws, or roses with concealed screws, as this new type of rose will not work loose. A slight adjustment is permitted in the allocation of the roses, thus securing perfect alignment of the knobs and spindle with the hub.

This attachment also makes it possible to use small roses without danger of their working loose because of thin wood or the screws being too near the spindle hole in the door.





This type of concealed attachment rose is applied by mortising the lock in the usual way; the hole for the spindle should be bored about 3/16 inch larger than the diameter of the tubular portion of the nut, as shown in "A". The width of the lock mortise around the spindle hole on both sides should be slightly enlarged to allow for the head of the nut.

Proceed as follows, to secure proper adjustment and allocation of the roses:

1. Insert the nut through the lock mortise so that the tubular portion projects into the spindle hole in the side of the door.
2. Attach the rose to the nut with the threaded sleeve as indicated in the cut. (This should be tightened just enough to hold the rose in place on the door and still permit of slight movement for adjustment.)
3. Apply the lock in the usual way.
4. Apply the knobs and spindle, moving the roses sufficiently to secure a proper alignment and free operation of the knobs.
5. Carefully remove the knobs without disturbing the location of the roses.
6. Tighten the threaded sleeves so as to securely clamp the roses in place.
7. Replace the knobs and spindle, with the set screws on the underside for the best appearance.

Set screws should be on the inside of all entrance doors.

When ordering, give list number, also number of knob or lever handle with which it will be used and finish.
For finishes, see page XXV.

KEY PLATES

Wrought Bronze or Brass and Wrought Steel

CUTS ONE-HALF SIZE



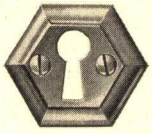
No. DU812
Wrought Brass
No. BU812
Wrought Steel



No. DT812
Wrought Brass



No. C2812
Wrought Brass
No. A2812
Wrought Steel



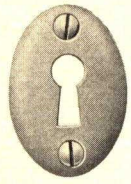
No. CW812
Wrought Brass



No. D2812
Wrought Brass

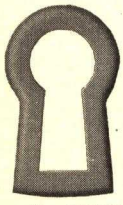


No. D1812
Wrought Brass



No. D812
Wrought Brass
No. B812
Wrought Steel

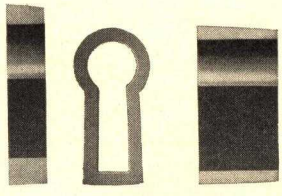
Cast Bronze or Brass



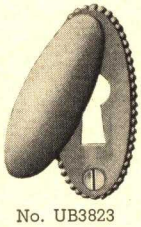
No. XB800 (Full size)



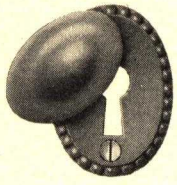
No. H800 (Full size)



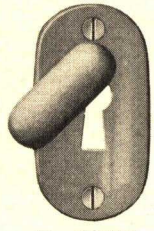
No. NK800 (Full size)



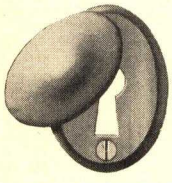
No. UB3823



No. NN823



No. XGK823



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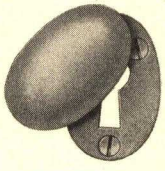

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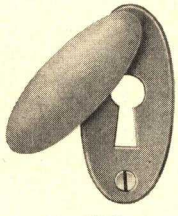

No. G823



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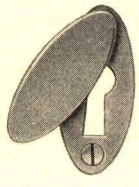

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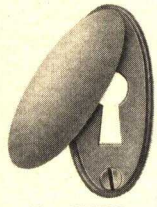
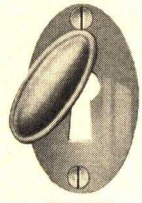


No. NC823



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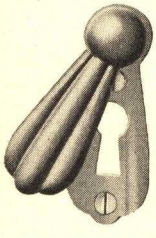

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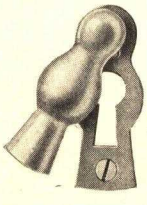

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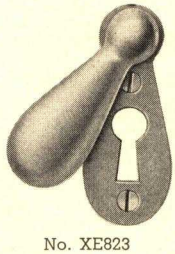

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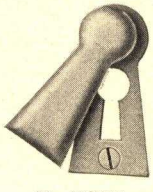
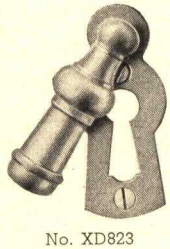


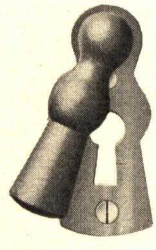
No. XG823



No. XC823



No. XD823



No. PG823

No.	Size	Material
H800	15/16 x 1/2 in.	Cast bronze or brass
NK800	13/16 x 7/16 "	" " " "
XB800	1 x 5/8 "	" " " "
B812	1¾ x 1 3/16 "	Wrought steel
BU812	1 5/16 x 1 1/8 "	" "
CW812	1¼ in.	" bronze or brass
D812	1¾ x 1 3/16 in.	" " " "
DT812	1 1/16 x 1 1/16 "	" " " "
DU812	1 5/16 x 1 1/8 "	" " " "
G823	2 1/16 x 1 5/16 "	Cast " " "
NC823	2 1/16 x 1 5/16 "	" " " "
NN823	1¾ x 1¼ "	" " " "
PG823	2⅜ x 1 "	" " " "
XC823	2 x ¾ "	" " " "
XD823	2 3/16 x 1 5/16 "	" " " "

No.	Size	Material
XE823	2¼ x ⅞ in.	Cast bronze or brass
XF823	1¾ x ¾ "	" " " "
XG823	1¾ x ¾ "	" " " "
XGC823	2 x 1 3/16 "	" " " "
XGD823	1¾ x 1¼ "	" " " "
XGF823	2 x 1 3/16 "	" " " "
XGH823	2⅜ x ⅞ "	" " " "
XGK823	2⅜ x 1¼ "	" " " "
D1812	1⅝ x 1 "	Wrt. " " "
IW1823	1½ x 1 "	Cast " " "
A2812	2 x 1 1/16 "	Wrought steel
C2812	2 x 1 1/16 "	" bronze or brass
D2812	2 x 1 "	" " " "
PG2823	1⅞ x ¾ "	Cast " " "
UB3823	2 x 1 "	" " " "

When ordering, give list number and finish. Ornamental key plates are listed with designs.
For finishes, see page XXV.

CUTS ONE-HALF SIZE

KEY PLATES

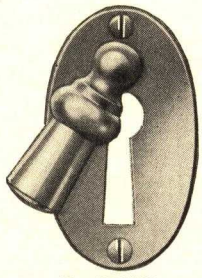


No. KPA812

No.	Size	Material
KPA812	1 5/8 x 1 3/32 in.	Wrought bronze or brass

Key Plate with Drop

With large keyhole for use with Colonial Rim Locks



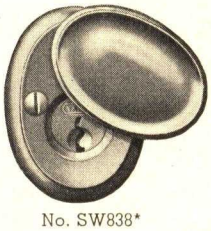
No. PG4828

No.	Size	Material
PG4828	2 3/4 x 1 5/8 in.	Cast bronze or brass

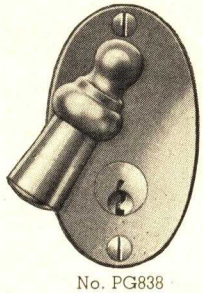
When ordering give list number of lock with which it will be used.

Key Plates with Drops for Cylinder Locks

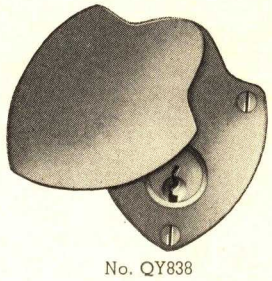
Plug only to show through plate



No. SW838*



No. PG838



No. QY838

No.	Size	Material
SW838*	2 x 1 1/2 in.	Cast bronze or brass
PG838	2 3/4 x 1 5/8 "	" " "
QY838	2 1/2 x 1 7/8 "	" " "

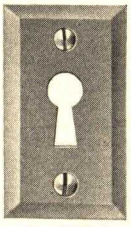
*Fastened by machine screws to the cylinder shell.

When ordering, give list number and finish.
For finishes, see page XXV.

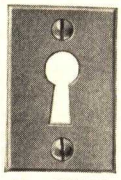
CUTS ONE-HALF SIZE

KEY PLATES

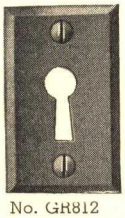
Cast Bronze or Brass



No. GS812
No. GS814 (4 screws)



No. GN812
No. GN814 (4 screws)



No. GR812
No. GR814 (4 screws)



No. GT812
No. GT814 (4 screws)



No. G812



No. XFL812



No. HP812



No. XFN812



No. PW812



No. SW812



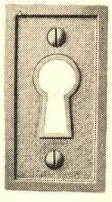
No. XA812
1¼ in.
No. XB812
1⅜ in.



No. UB812



No. XF812



No. XFH812



No. KA812



No. UT812



No. XFC812



No. RE812



No. QE812



No. LK812



No. US812



No. SF812



No. XFU812



No. XFT812



No. OS812



No. XFR812



No. MG816



No. MG812

No.	Size	Material
G812	1¾ x 1 3/16 in.	Cast bronze or brass
GN812	1 11/16 x 1 1/16 "	" " " "
GR812	2 x 1¼ "	" " " "
GS812	2 3/16 x 1¼ "	" " " "
GT812	1¾ x 1 1/16 "	" " " "
HP812	2 x ⅞ "	" " " "
KA812	2 x 1¼ "	" " " "
LK812	2 x 1⅜ "	" " " "
MG812	1¾ x 1⅜ "	" " " "
OS812	2 x 1 "	" " " "
PW812	2 x 1⅛ "	" " " "
QE812	2 x 1¼ "	" " " "
RE812	1½ x 1¼ "	" " " "
SF812	2¾ x 1½ "	" " " "
SW812	1¾ x 1 "	" " " "
UB812	2 x 1 "	" " " "
US812	2 x 1⅛ "	" " " "

No.	Size	Material
UT812	1⅞ x 1 3/16 in.	Cast bronze or brass
XA812	1¼ in.	" " " "
XB812	1⅜ "	" " " "
XF812	1¾ x ¾ in.	" " " "
XFC812	1⅞ x 1¼ "	" " " "
XFH812	1⅞ x 1 "	" " " "
XFL812	2 x 1¼ "	" " " "
XFN812	1⅞ x 1 "	" " " "
XFR812	1¾ x 1 5/16 "	" " " "
XFT812	1¾ x 1⅛ "	" " " "
XFU812	2 x ¾ "	" " " "
GN814	1 11/16 x 1 1/16 "	" " " "
GR814	1¾ x 1⅜ "	" " " "
GS814	2 3/16 x 1¼ "	" " " "
GT814	1¾ x 1 1/16 "	" " " "
MG816	1⅝ in.	" " " "

When ordering, give list number and finish. Ornamental key plates are listed with designs.
For finishes, see page XXV.

CYLINDER PLATES

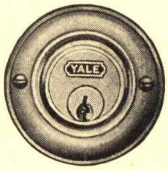
Cast Bronze or Brass

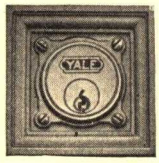
CUTS ONE-THIRD SIZE

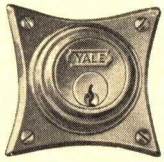

No. KA1133
Alameda

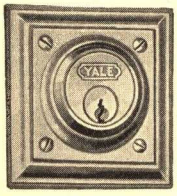

No. GA1133
Athenian


No. TA1133
Athens


No. SB1133
Braintree

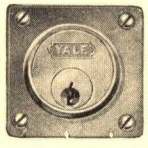

No. HD1133
Dartmouth

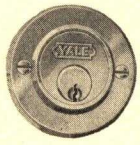

No. JD1133
Dedham

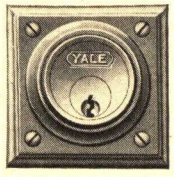

No. IE1133
Endicott


No. MF1133
Fenway


No. MG1133
Gateshead


No. UH1133
Hadley

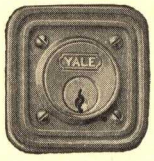

No. TM1133
Mystic

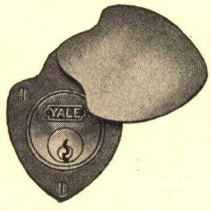

No. PN1133
Newport


No. GN1133
Newton

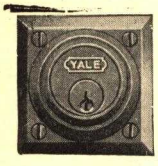

No. LO1133
Oporto


No. PT1134
Tower


No. JW1133
Warwick

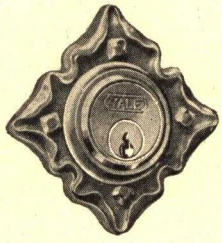

No. QY1133
Yatton


No. NY1133
Yuma

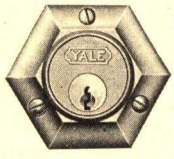

*No. DU1133
Utopian


No. IC1133
Coronado


No. JN1133
Naco


No. HX1133
Xenia


No. PV1133
Verano


*No. CW1133
Winonian

Other Cylinder Plates are listed with designs

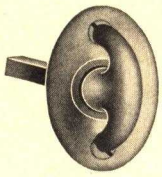
No.	Design	Size	No.	Design	Size
KA1133	Alameda	2 x 2 in.	**JN1133**	Naco	2⅜ x 2 1/16 in.
GA1133	Athenian	2 5/16 x 2 5/16 "	**PN1133**	Newport	2⅜ x 2⅜ "
TA1133	Athens	2⅝ x 2¼ "	**GN1133**	Newton	2 x 2 "
SB1133	Braintree	2½ in. dia.	**LO1133**	Oporto	2⅞ x 2⅜ "
IC1133	Coronado	2½ x 1 11/16 in.	**PT1134**	Tower	2⅝ x 2 "
HD1133	Dartmouth	2¾ x 2¾ "	**JW1133**	Warwick	2¼ x 2¼ "
JD1133	Dedham	2½ x 2½ "	***DU1133**	Utopian	2¼ x 2¼ "
IE1133	Endicott	2¾ x 2¾ "	**PV1133**	Verano	3½ x 1¾ "
MF1133	Fenway	2 7/16 in. dia.	**HX1133**	Xenia	3⅜ x 3⅜ "
MG1133	Gateshead	2¼ " "	***CW1133**	Winonian	2 3/16 x 2 3/16 "
UH1133	Hadley	2 x 2 in.	**QY1133**	Yatton	2½ x 1⅞ "
TM1133	Mystic	2⅛ in. dia.	**NY1133**	Yuma	2¼ x 2¼ "

*Wrought Brass or Bronze.

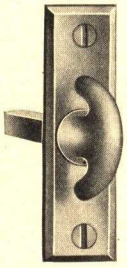
When ordering, give list number, name of design and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

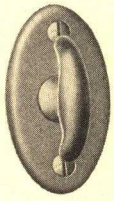
TURN KNOBS AND PLATES



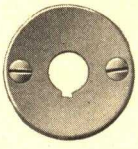
Nos. 15X and DY1305



Nos. 55 and GR3055



Nos. 35 and DP2205



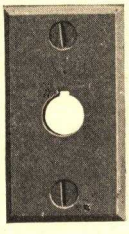
No. G1105



No. G1305 (cast)
No. DY1305 (wrought)



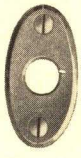
No. DP2205



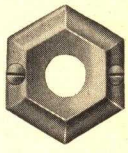
No. GR2305



No. DY2305



No. GP1005



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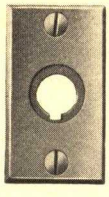
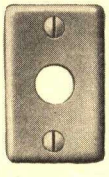


No. GN1205



No. GT1205



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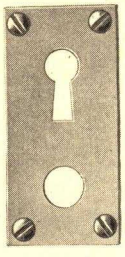
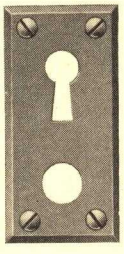
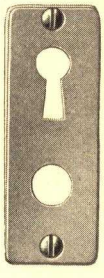


No. GN820



No. GR820



No. GT820

Turn Knobs with Plates

Turn Knob* No.	Material	Size	Spindle	Plate No.	Material	Size
15X	Cast bronze	1⅜ in.	Flat	**DY1305**	Wrought bronze	1¾ x 1 3/16 in.
35	" "	1⅜ "	3/16 in.	**DP2205**	" "	2 x 1⅛ "
55	" "	1⅜ "	5/16 "	**GR3055**	Cast "	2¾ x ¾ "

Plates for Turn Knobs

Plate No.	Material	Size	Plate No.	Material	Size
GN820†	Cast bronze	2½ x 1¼ in.	**DY1305**	Wrought bronze	1¾ x 1 3/16 in.
GR820†	" "	2½ x 1¼ "	**G1305**	Cast "	1¾ x 1 3/16 "
GT820†	" "	2¾ x 1 "	**GW1305**	" "	1¼ in.
GP1005	" "	1¾ x 15/16 "	**DP2205**	Wrought "	2 x 1⅛ "
G1105	" "	1⅜ in. dia.	**DY2305**	" "	2 x 15/16 "
DT1205	Wrought bronze	1 11/16 x 1 1/16 "	**GR2305**	Cast "	2¼ x 1¼ "
GN1205	Cast "	1⅞ x 1⅛ "	**GR3055**	" "	2¾ x ¾ "
GT1205	" "	1¾ x 1 1/16 "			

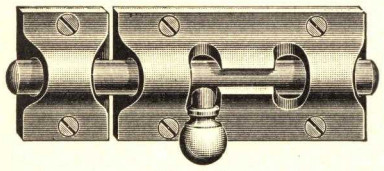
*Turn knobs regularly furnished without plates. If plates are wanted, order must so specify.
†Always give list number of lock, so correct spacing will be furnished. For finishes, see page XXV.

BOLTS

CUTS ONE-HALF SIZE

Barrel Bolts

Cast Bronze, Brass or Iron



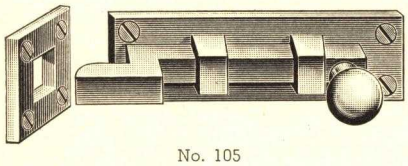
No. 100

No.	Size	Material	Plate	Strike	Bolt
100	2½ in.	Cast bronze	1¼ x 2½ in.	1¼ x ⅞ in.	3⅝ in.
100	3 "	" "	1¼ x 3⅛ "	1¼ x ⅞ "	4¼ "
100	4 "	" "	1½ x 4 "	1½ x 1 "	5⅜ "
2100	2½ "	" iron	1¼ x 2½ "	1¼ x ⅞ "	3⅝ "
2100	3 "	" "	1¼ x 3⅛ "	1¼ x ⅞ "	4¼ "
2100	4 "	" "	1½ x 4 "	1½ x 1 "	5⅜ "

Any of the above can be furnished with mortise strikes, 1¾ x ¾ in., to special order.
Packed: 1 doz. in a box, with screws.

Necked Bolts

Cast Bronze or Brass



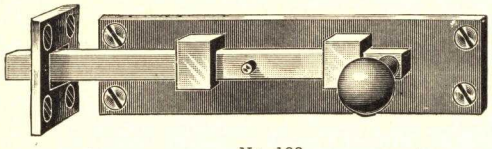
No. 105

No.	Size	Plate	Strike	Bolt
105	3 in.	1 x 3 in.	1⅛ x 1⅛ in.	3 in.
105	4 "	1 x 4 "	1⅛ x 1⅛ "	4 "
105	5 "	1 x 5 "	1⅛ x 1⅛ "	5 "

Packed: ½ doz. in a box, with screws.

Square Bolts

Cast Bronze or Brass



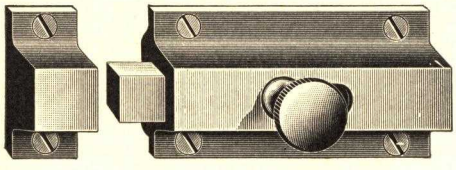
No. 108

No.	Size	Plate	Strike	Bolt
108	4 in.	1 x 4 in.	1⅛ x 1⅛ in.	4¼ in.

Packed: ½ doz. in a box, with screws.

Cased Bolts

Cast Bronze or Brass



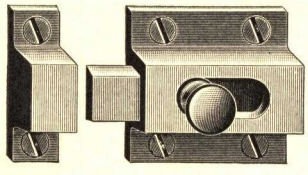
No. 106

No.	Size	Plate	Strike	Bolt
106	2½ in.	1⅜ x 2½ in.	1⅜ x 15/16 in.	2¼ in.
106	3 "	1½ x 3 "	1½ x 1⅛ "	2¾ "
106	5 "	1½ x 5 "	1½ x 1⅛ "	4½ "

Packed: ½ doz. in a box, with screws.

Cupboard Bolts

Cast Bronze or Brass



No. 44

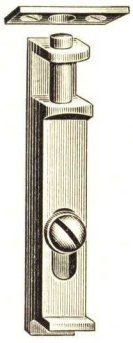
No.	Plate	Strike	Backset
44	1⅝ x 1¾ in.	1⅝ x ½ in.	1 in.

Packed: ½ doz. in a box, with screws.

When ordering, give list number, size and finish. For finishes, see page XXV.

BOLTS

CUTS ONE-HALF SIZE

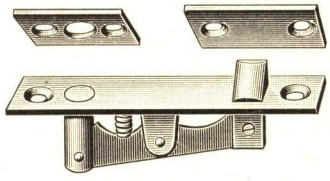


No. 701

Nos. 700 and 701
Rim Cupboard Bolts
Cast Brass

No.	Case	Strike	Throw of Bolt
700	2 x ½ in.	1⅛ x 7/16 in.	½ in.
701	3 x ½ "	1⅛ x 7/16 "	½ "

Packed: 1 doz. in a box, with screws.



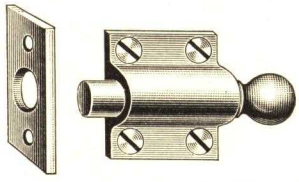
No. 1175

No. 1175
Bookcase Bolt
Reversible for doors of either hand

Closing the live leaf to which the solid strike is attached forces the dead bolt into its strike, effectually locking the dead leaf. Upon opening the live leaf, the dead bolt is automatically withdrawn and the dead leaf unlocked.

No.	Material	Front	Dead Bolt Strike	Latch Bolt Strike
1175	Brass	3¼ x ⅝ in.	1⅛ x 9/16 in.	1½ x ¾ in.

Packed: 1 doz. in a box, with screws.

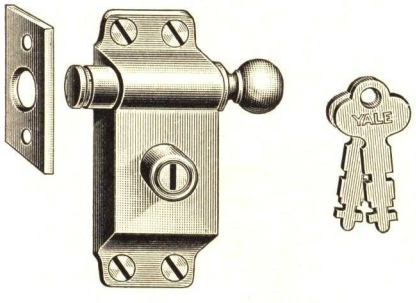


Nos. 1988 and 2988

Nos. 1988 and 2988
Rim Spring Sash Bolts
Cast Bronze or Iron
Two strikes are furnished with each bolt

No.	Material	Case	Strikes
1988	Cast bronze	1¼ x 1⅛ x 9/16 in.	1 7/16 x 9/16 in.
2988	" iron	1¼ x 1⅛ x 9/16 "	1 7/16 x 9/16 "

Packed: 1 doz. in a box, with screws and two strikes each.



No. 266

No. 266
Rim Spring Sash Bolt and Lock
Cast Bronze
Not reversible, specify hand

Bolt can be withdrawn by handle except when deadlocked by key, making the window secure against attack from outside.

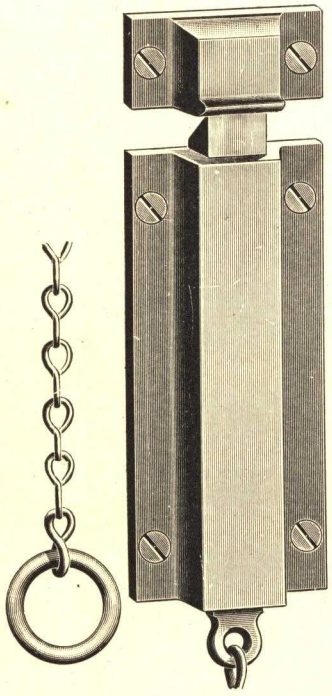
No.	Case	Two keys	Lever Tumblers	Changes	Strikes
266	2 3/16 x 1⅛ x 7/16 in.	No. 50	Four	12	1⅝ x 1 1/16 in.

Packed: ½ doz. in a box, with screws and two strikes each.

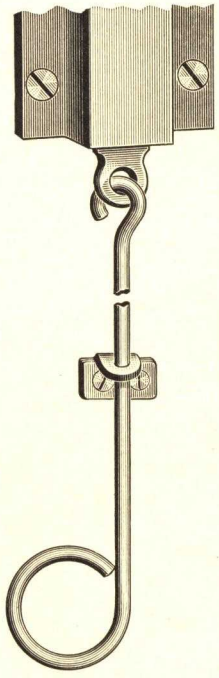
When ordering, give list number and finish. For finishes, see page XXV.

CHAIN AND FOOT BOLTS

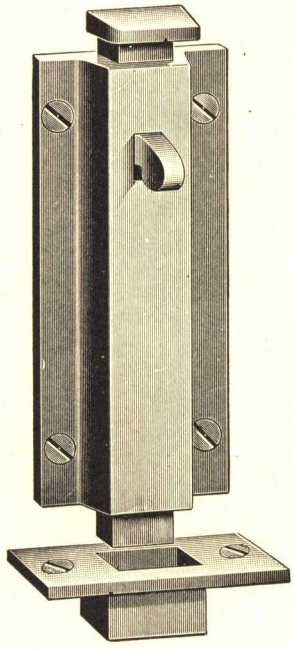
CUTS ONE-HALF SIZE



Nos. 110 and 2110
with 21 in. chain



Nos. 111 and 2111
with 36 in. rod



Nos. 115 and 2115

Chain Bolts

With 21 In. Chain

No.	Material	Size	Case	Bolt
110	Cast bronze	3 in.	3 x 1¾ in.	3⅞ in.
110	" "	4 "	4 x 1⅞ "	5⅛ "
110	" "	6 "	6 x 2⅛ "	7 "
110	" "	8 "	7 x 2⅛ "	8 "
2110	" iron	3 "	3 x 1¾ "	3⅞ "
2110	" "	4 "	4 x 1⅞ "	5⅛ "
2110	" "	6 "	6 x 2⅛ "	7 "
2110	" "	8 "	7 x 2⅛ "	8 "

With 36 In. Rod

No.	Material	Size	Case	Bolt
111	Cast bronze	6 in.	6 x 2⅛ in.	7 in.
111	" "	8 "	7 x 2⅛ "	8 "
2111	" iron	6 "	6 x 2⅛ "	7 "
2111	" "	8 "	7 x 2⅛ "	8 "

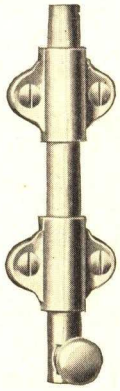
Foot Bolts

No.	Material	Size	Case	Bolt
115	Cast bronze	4 in.	4 x 1¾ in.	4⅝ in.
115	" "	6 "	5 x 2⅛ "	6 "
115	" "	8 "	7 x 2⅛ "	8 "
2115	" iron	4 "	4 x 1¾ "	4⅝ "
2115	" "	6 "	5 x 2⅛ "	6 "
2115	" "	8 "	7 x 2⅛ "	8 "

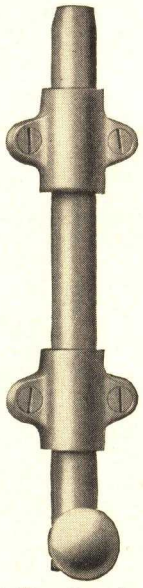
Packed: ½ doz. in a box, with screws.
When ordering, give list number, size and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

SURFACE BOLTS



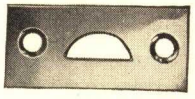
Nos. 47 and 2047



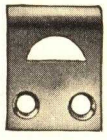
Nos. 49 and 2049



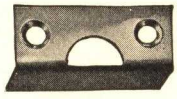
No. 1



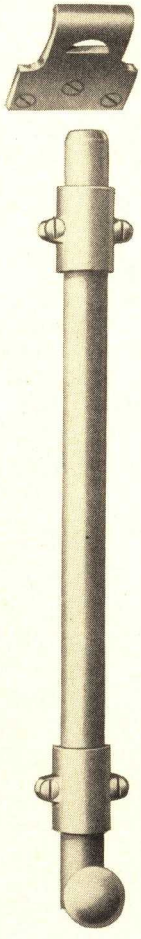
No. 2



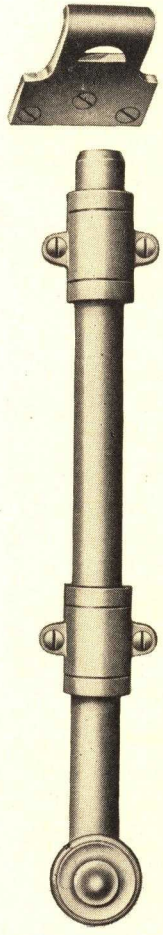
No. 4



No. 9



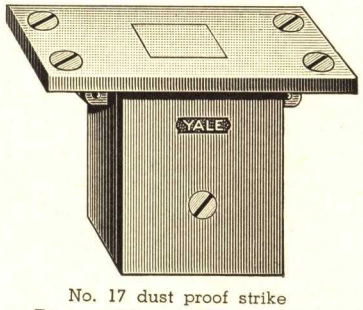
(Cut one third size)
No. 60



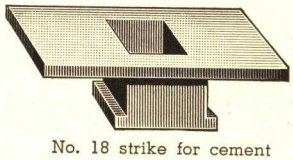
(Cut one third size)
No. XAF50

No.	Material	Width	Knob	Length	Rod
47	Bronze	1¼ in.	½ in. dia.	4, 6 and 9 in.	⅜ in. half round, bronze
49	"	1⅜ "	¾ " "	6, 9, 12 " 18 "	½ " " " "
XAF50	"	1⅞ "	1⅜ " "	6, 9, 12, 18 " 24 "	¾ " " oval "
60	"	1 9/16 "	1 " "	6, 9, 12, 18 " 24 "	1 1/16 " " " "
2047	Steel	1¼ "	½ " "	4, 6 " 9 "	⅜ " " round steel
2049	"	1⅜ "	¾ " "	6, 9, 12 " 18 "	½ " " " "

Packed: Nos. 47, 49, 2047 and 2049, 1 doz. in a box with screws and Nos. 4 and 9 strikes, unless otherwise ordered. Nos. XAF50 and 60, ½ doz. in a box, with screws and strikes as ordered.
When ordering, give list number, size and finish. For finishes, see page XXV.



No. 17 dust proof strike
Face, cast bronze, 3 3/16 x 1 3/16 in.
Case, cast iron, japanned, 2 x 1⅝ x 1 3/16 in.

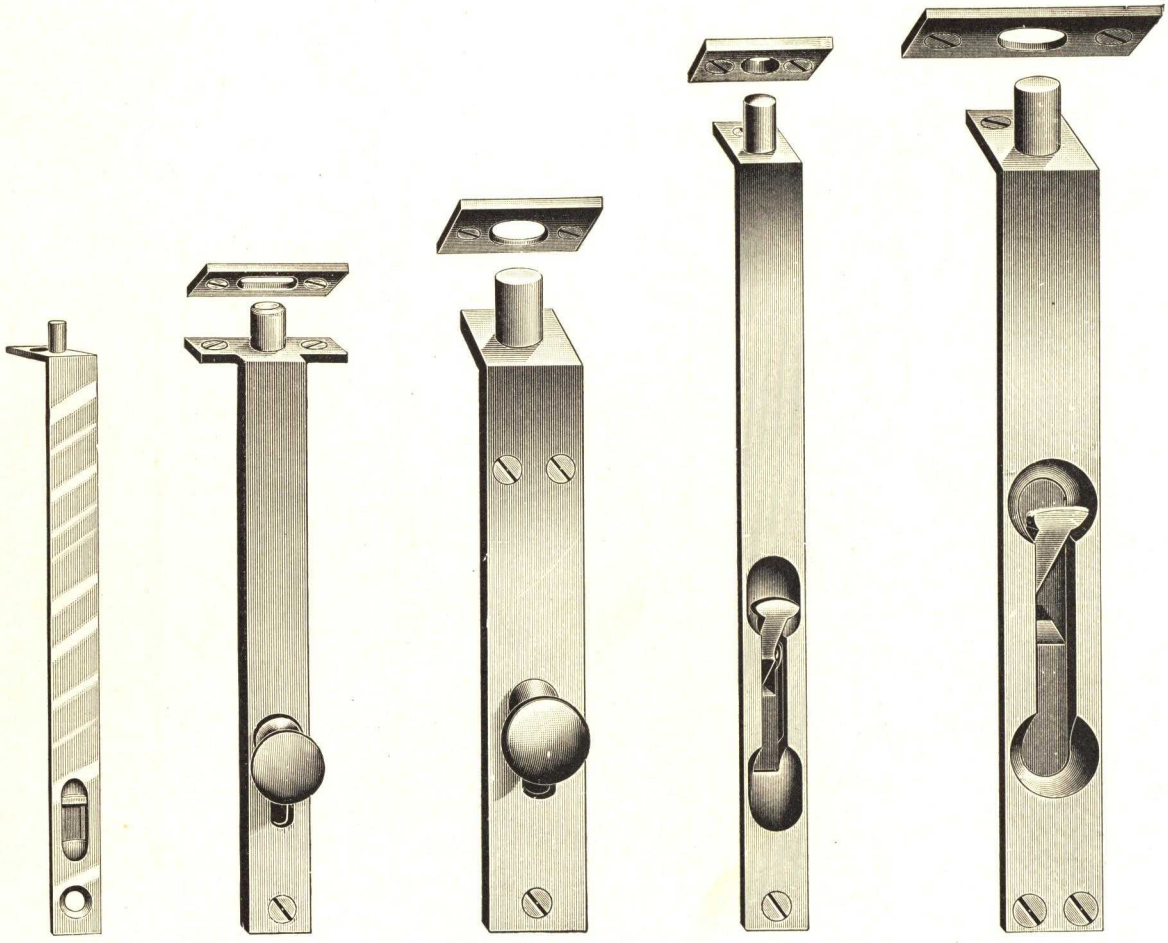


No. 18 strike for cement
Cast bronze
Face, 2½ x 1 in.
Case, 1 1/16 x ¾ x ¾ in.

When ordering, give list number of bolt with which strike will be used and finish. For finishes see page XXV.

FLUSH BOLTS

CUTS ONE-HALF SIZE



No. D485 — No. 72 — Nos. 75 and 2075 — No. 80 — No. 81—1 in. wide; No. 83—1¼ in. wide

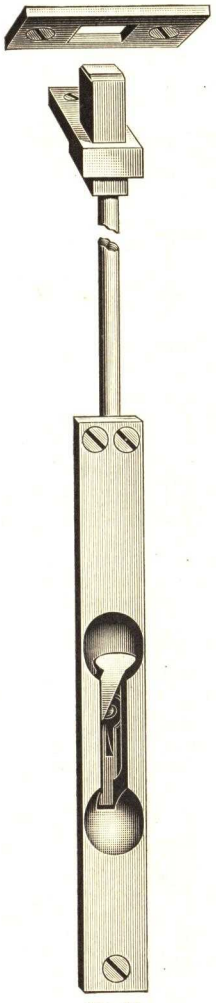
No.	Material	Lengths of Plate	Width of Plate	Lip	Throw	Backset*	Bronze Plated Steel Head
72	Cast bronze	3, 4, 6, 9 and 12 in.	5/8 in.	5/8 in.	1/2 in.	5/16 in.	3/8 in. dia.
75	" "	6, 8, 12 and 18 in.	1 "	1 3/8 "	1 1/16 "	5/8 "	1/2 " "
80	" "	6, 9 and 12 in.	5/8 "	1 3/8 "	5/8 "	7/16 "	3/8 " "
81	" "	6, 9, 12, 18 and 24 in.	1 "	1 1/2 "	7/8 "	9/16 "	1/2 " "
83	" "	6, 8, 12, 18 and 24 in.	1 1/4 "	1 1/2 "	7/8 "	9/16 "	1/2 " "
D485	Wrt. "	2 1/2, 3, 4, 5 and 6 in.	1/2 "	5/8 "	1/4 "	....	3/16 " "
2075	Cast iron	6, 8, 12 and 18 in.	1 "	1 3/8 "	1 1/16 "	5/8 "	1/2 " "

*Backset is the distance from edge of door to center of rod.
Packed: No. D485, 1 doz. in a box without strikes; Nos. 72, 75, 2075, 80, 81 and 83, ½ doz. in a box, with strikes and screws.
When ordering, give list number, length of plate, and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

FLUSH BOLTS

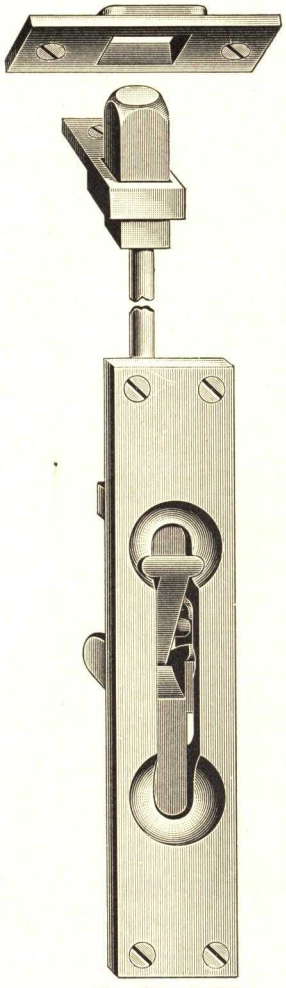
Extension Type



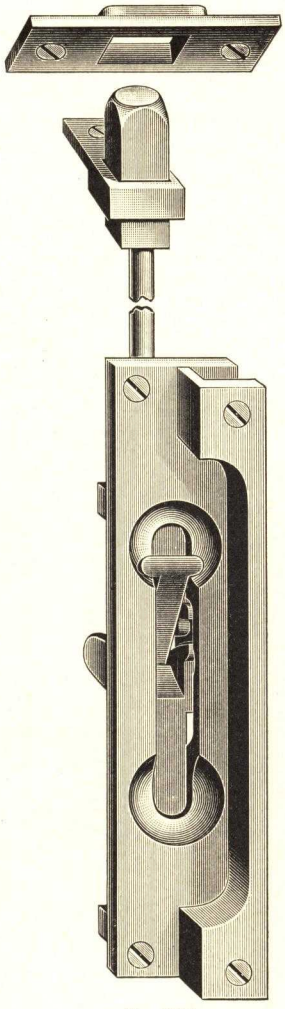
No. 61



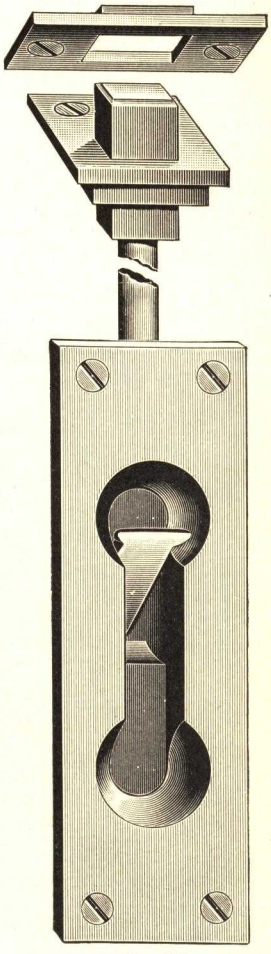
Bolt head of No. 63¼‡ bolt, which extends 1¼ in. when unlocked Guide same as No. 63 bolt



Nos. 63 and 2063 Type of Nos. 62, 63RF, 63¼ and 63¾



No. 63½ Type of No. 65½



No. 65

Flat Front

No.	Material	Plate	Length of Rod	Size of Rod	Bolt Head	Throw	Backset*
61	Cast bronze	6 x 5/8 in.	6, 8, 12, 18, 24 and 30 in.	3/16 in.	3/8 in.	5/8 in.	7/16 in.
62	" "	6 3/8 x 1 "	6, 8, 12, 18, 24 " 30 "	1/4 "	1/2 "	7/8 "	9/16 "
63	" "	6 3/8 x 1 1/4 "	6, 8, 12, 18, 24 " 30 "	1/4 "	1/2 "	7/8 "	9/16 "
63RF†	" "	6 3/8 x 1 1/4 "	6, 8, 12, 18, 24 " 30 "	1/4 "	1/2 "	7/8 "	5/8 "
63¼‡	" "	6 3/8 x 1 1/4 "	6, 8, 12, 18, 24 " 30 "	1/4 "	1/2 "	7/8 "	9/16 "
63¾	" "	6 3/8 x 1 1/4 "	6, 8, 12, 18, 24 " 30 "	1/4 "	3/4 "	7/8 "	9/16 "
65	" "	6 3/8 x 2 "	6, 8, 12, 18, 24 " 30 "	3/8 "	3/4 "	3/4 "	3/4 "
2063	" iron	6 3/8 x 1 1/4 "	6, 8, 12, 18, 24 " 30 "	1/4 "	1/2 "	7/8 "	9/16 "

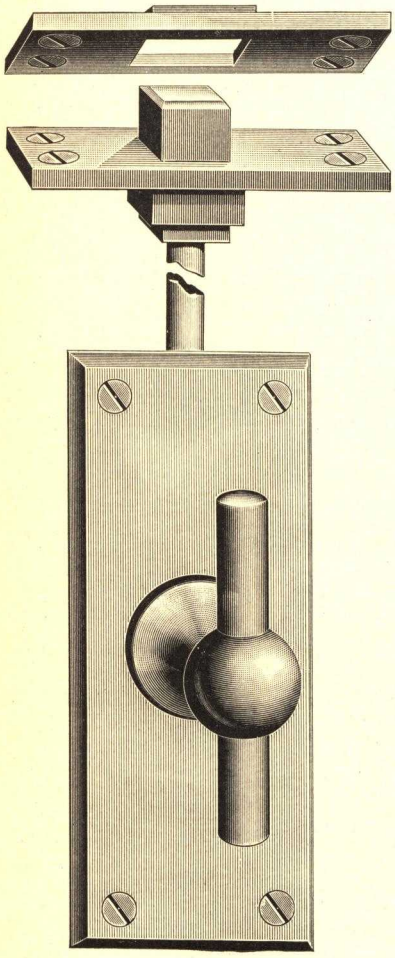
Rabbeted Front, ½ in. rabbet

63½	Cast bronze	6 3/8 x 1 1/4 in.	6, 8, 12, 18, 24 and 30 in.	1/4 in.	1/2 in.	7/8 in.	9/16 in.
65½	" "	6 3/8 x 2 "	6, 8, 12, 18, 24 " 30 "	3/8 "	3/4 "	3/4 "	3/4 "

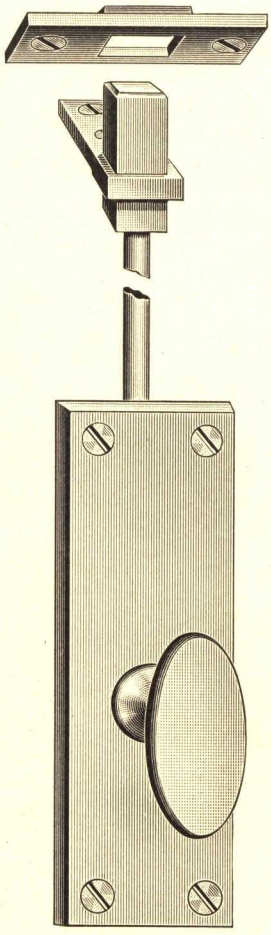
No. 63½ bolt has a removable rabbet piece, which can be used for either hand.
*Backset is the distance from edge of door to center of rod.
†Rounded front for use on doors with rounded edge.
‡Bolt head extends 1¼ in. when unlocked. Used on combination slide and swing elevator doors.
Length of rod is distance from center of lever to end of head.
Dustproof strikes or strikes for stone, cement, etc. (see page 179) furnished to special order and at an additional price.
Packed: 2 in a box with guides, strikes and screws.
When ordering, give list number, length of rod and finish. For finishes, see page XXV.

FLUSH BOLTS
Extension Type

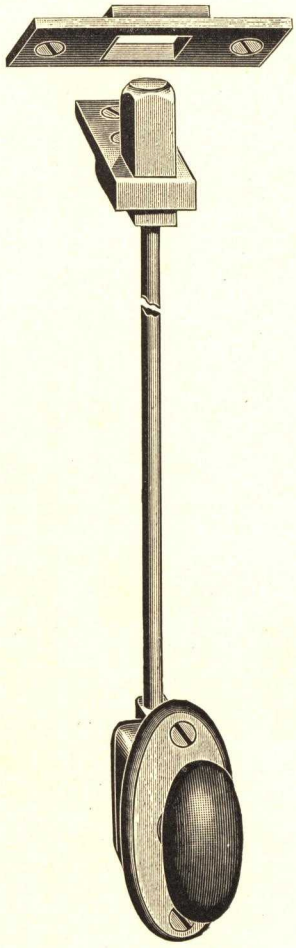
CUTS ONE-HALF SIZE



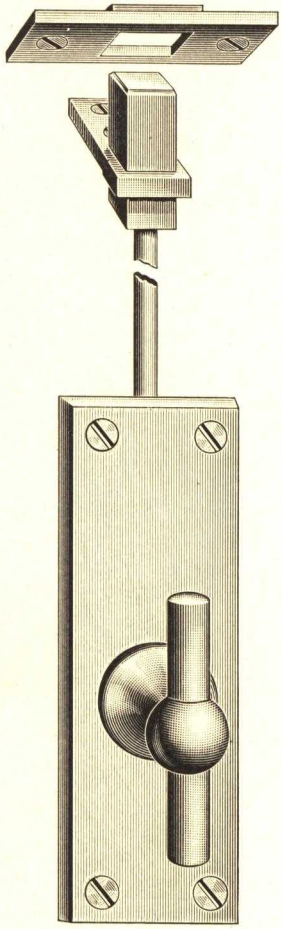
Nos. 68 and 69‡
Extra heavy for attaching to surface



Nos. 56 and 2056



No. 67

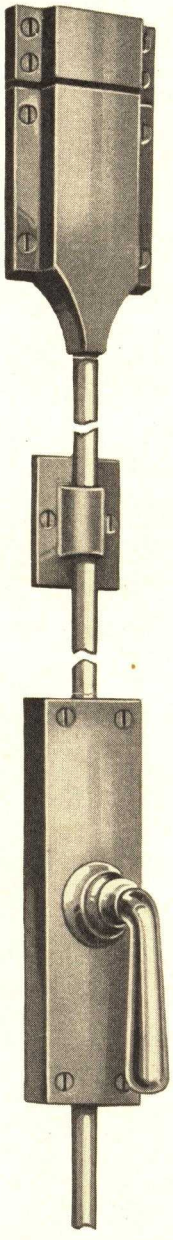


No. 57

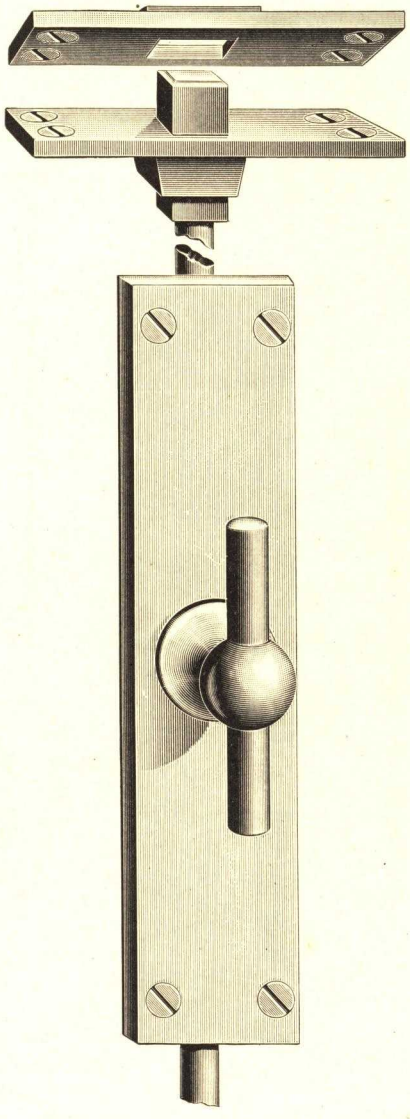
No.	Material	Plate	Knob or Handle	Size of Rod	Bolt Head	Throw	Backset*
56†	Cast bronze	5½ x 1¾ in.	2¼ x 1⅛ in.	¼ in.	½ in.	1 1/16 in.	¾ in.
57	" "	5½ x 1¾ "	2⅞ "	¼ "	½ "	1 1/16 "	¾ "
67	" "	2½ x 1⅜ "	1¾ x ¾ "	3/16 "	½ "	7/16 "	⅞ "
68	" "	7⅛ x 2½ "	3¾ "	⅜ "	¾ "	⅞ "	1 or 1½ in.
69‡	" "	7⅛ x 2½ "	3¾ "	⅜ "	¾ "	⅞ "	1 " 1½ "
2056†	" iron	5½ x 1¾ "	2¼ x 1⅛ "	¼ "	½ "	1 1/16 "	¾ in.

†Can be furnished with detachable knob, so one knob will operate a number of bolts.
‡Detachable Tee handle.
*Backset is the distance from edge of door to center of rod.
Length of rod is the distance from center of handle to end of head. Rods furnished in lengths of 6, 8, 12, 18, 24 and 30 in., except No. 67 which is supplied with 6, 8, 12 and 18 in. rod only.
Dustproof strikes or strikes for stone, cement, etc., furnished to special order and at an additional price.
Packed: 2 in a box with guides, strikes and screws.
When ordering, give list number, length of rod and finish. For finishes, see page XXV.

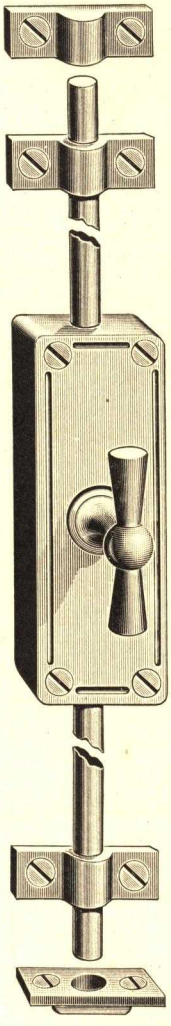
DOUBLE EXTENSION BOLTS



Nos. 174 and 2174
(one third size)



No. 130
(one half size)

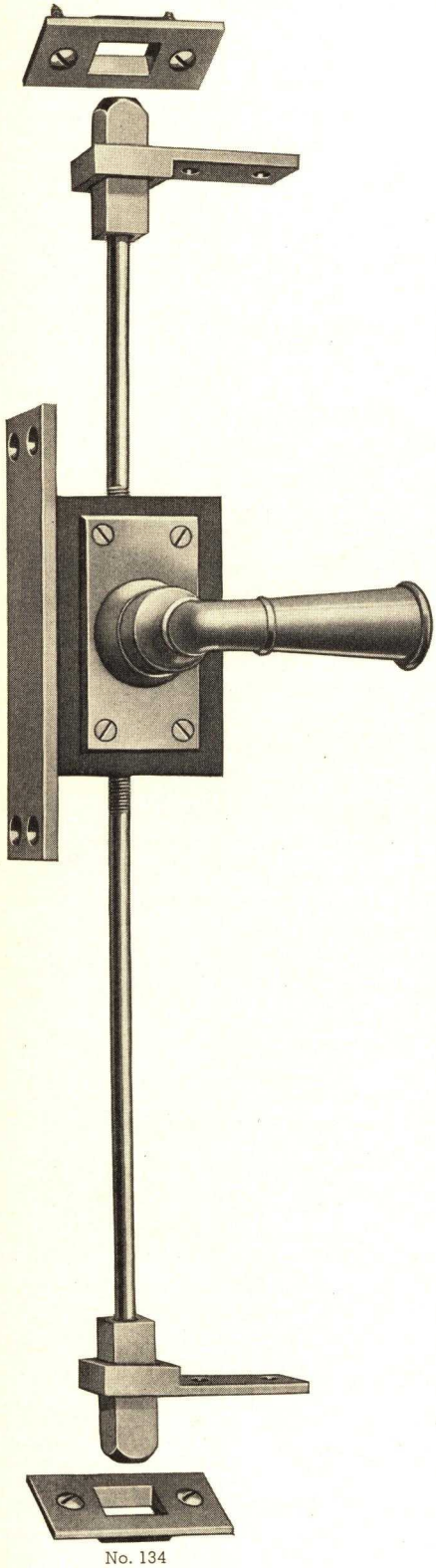


No. 170
(one half size)

No.	Material	Box or Plate	Top and Bottom Guides	Rod	Handle	Throw	Bolt Head
130	Cast bronze	8 x 1¾ in.	.....	⅜ in. steel	3¾ in.	⅞ in.	¾ in.
170	" "	4 x 1⅜ "	1⅞ x ⅝ in.	5/16 " "	2 "	½ "	.....
174	" "	6⅜ x 1⅞ "	4 x 2½ "	⅜ " bronze	2¾ "	11/16 "	1 1/16 x ½ in.
2174	" iron	6⅜ x 1⅞ "	4 x 2½ "	⅜ " steel	2¾ "	11/16 "	1 1/16 x ½ "

When ordering, give list number, height of door, distance from bottom of door to handle and finish. On No. 130 also give thickness of door.
Where special strikes are required, furnish full size detail.
For finishes, see page XXV.

DOUBLE EXTENSION BOLTS



No. 134

Nos. 131 to 138 Series
Mortise
Double Extension Bolts

Bronze front, guides, strikes and trim.
Flat cast front for doors of either hand.
Beveled cast front: Specify hand. Regular bevel, 1/8 in 2 in.
Rounded cast front: Send sketch showing radius.
Rabbeted cast front: Specify hand. 1/2 in. rabbet.
Rods: 1/4 in. steel with 1/2 in. steel, bronze plated heads.
Strikes: Regular with mortise strikes for wood at top and bottom. Strikes for stone, etc., furnished to special order, at an additional price.
Trim: Specify if wanted with or without trim. Regular trim—one No. 930 lever handle, and plate 2 1/2 x 1 3/8 in.
Operation: A half turn of lever handle throws both bolts.

Packed: Each in a box, complete with screws.

Flat Front

No.	Case	Front	Backset
131	3 x 1 1/8 x 5/8 in.	5 x 1 in.	3/4 in.
132	2 7/8 x 1 3/4 x 3/4 "	4 3/4 x 1 "	7/8 "
133	3 1/8 x 1 1/2 x 3/4 "	5 x 1 1/8 "	1 1/8 "
134	3 x 2 x 7/8 "	4 3/4 x 1 "	1 1/16 "
136†	5 x 3 x 3/4 "	7 x 1 "	2 "
137	5 x 4 1/8 x 7/8 "	7 x 1 "	2 7/8 "
138*	4 x 2 1/8 x 3/4 "	6 x 1 1/8 "	1 1/8 "

Rabbeted Front

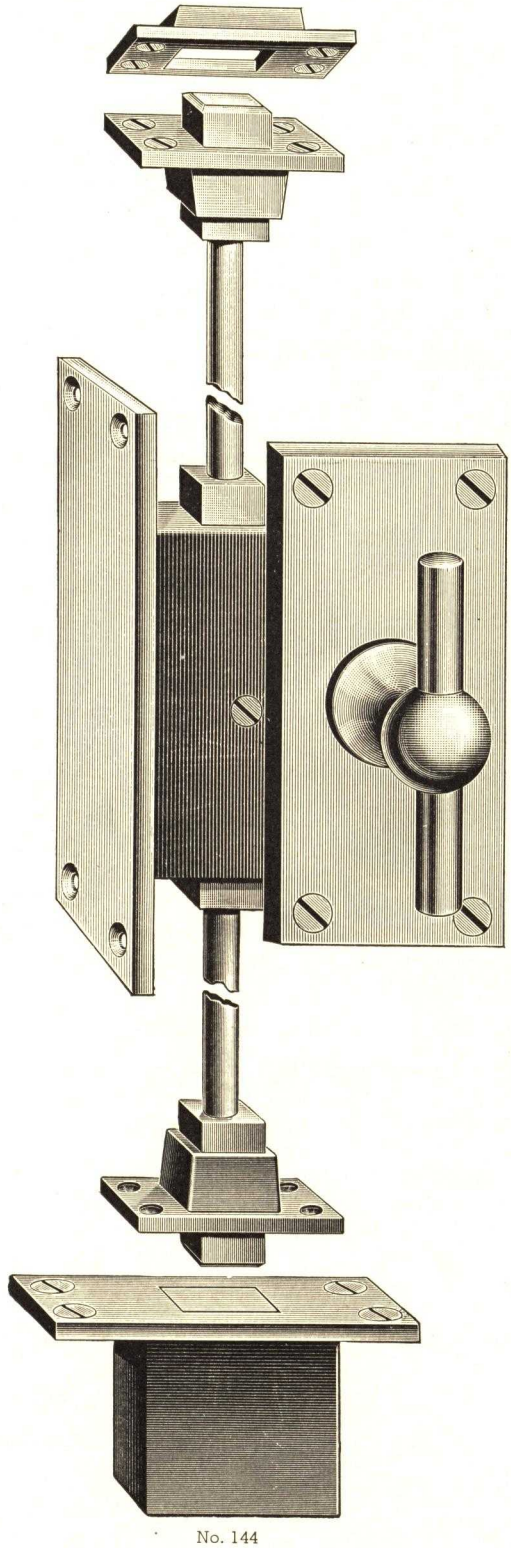
131 1/2	3 x 1 1/8 x 5/8 in.	5 x 1 in.	3/4 in.
132 1/2	2 7/8 x 1 3/4 x 3/4 "	4 3/4 x 1 1/16 "	7/8 "
133 1/2	3 1/8 x 1 1/2 x 3/4 "	5 x 1 1/8 "	1 1/8 "
134 1/2	3 x 2 x 7/8 "	4 3/4 x 1 "	1 1/16 "
138 1/2*	4 x 2 1/8 x 3/4 "	5 7/8 x 1 1/8 "	1 1/8 "

†Lever handle is lifted to retract the bolts.
*Lever handle also throws a bolt in front, giving the added security of a lock.

When ordering, give list number; hand, height and thickness of door; distance from bottom of door to lever handle, type of strikes and if wanted with or without trim, also finish wanted. For finishes, see page XXV.

CUTS ONE-HALF SIZE

DOUBLE EXTENSION BOLTS



No. 144

Nos. 144, 145 and 146
Mortise
Double Extension Bolts

Bronze front, guides, strikes and trim.

Flat cast front for doors of either hand.

Beveled cast front: Specify hand. Regular bevel, 1/8 in 2 in.

Rounded cast front: Send sketch showing radius.

Rabbeted cast front: Specify hand. 1/2 in. rabbet.

Rods: 3/8 in. steel with 3/4 in. steel, bronze plated heads.

Backsets: Rod, 1 1/2 in.; Tee handle, 2 3/4 in., except No. 146, which is 2 1/8 in.

Strikes: Cut shows dust proof strike at bottom, which is only furnished to special order, at an additional price. Strikes for stone, etc., furnished to order.

Plain trim: One Tee handle, 3 3/4 in., and one plate, 5 3/8 x 2 1/2 in.

Operation: A half turn of Tee handle throws both bolts. Front can be used as strike for lock, and also arranged so that dead bolt of lock will deadlock the bolts, to special order and at an additional price.

Packed: Each in a box, complete with screws.

Flat Front

No.	Case	Front
144	3 3/4 x 4 x 7/8 in.	6 1/8 x 1 1/4 in.
145*	3 3/4 x 4 x 7/8 "	6 1/8 x 1 1/4 "
146	6 1/8 x 3 1/4 x 7/8 "	9 x 1 7/16 "

Rabbeted Front

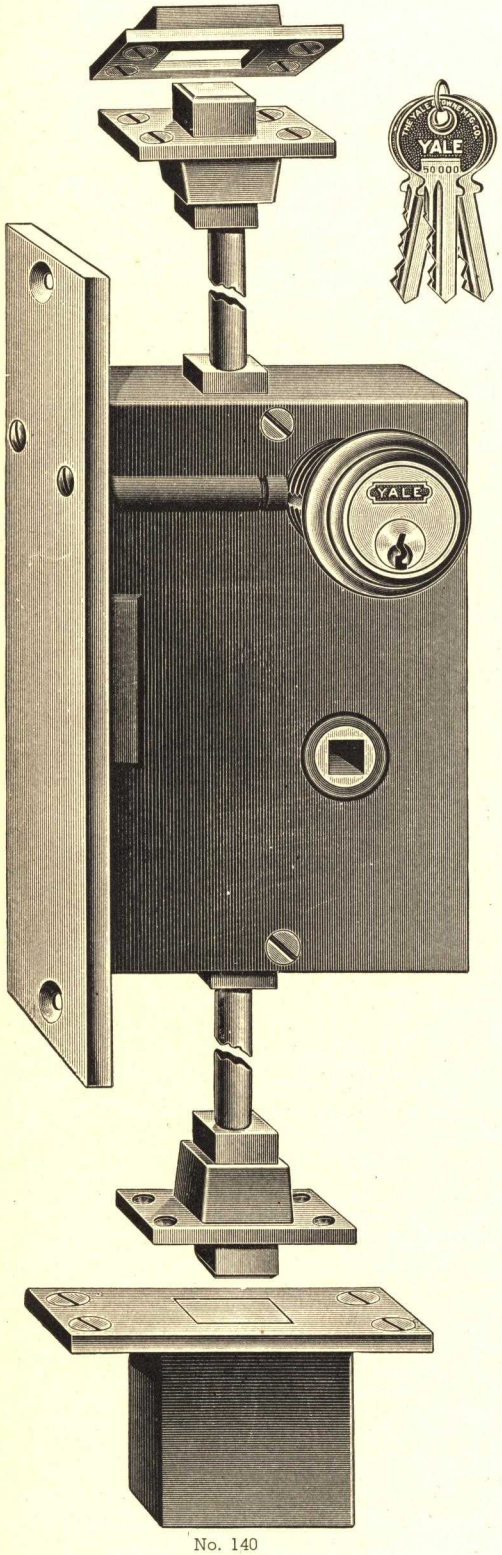
144 1/2	3 3/4 x 4 x 7/8 in.	6 1/4 x 1 1/4 in.

*Has detachable Tee handle. When bolts are thrown Tee handle may be removed to prevent tampering with the bolts.

When ordering give list number; hand, height and thickness of door; distance from bottom of door to Tee handle, type of strikes and finish. For finishes, see page XXV.

DOUBLE EXTENSION BOLTS

CUTS ONE-HALF SIZE



No. 140

Mortise Double Extension Bolts

Bronze cylinder, front, guides, strikes and 3/8 in. hub.
Flat cast front for doors of either hand.
Beveled cast front: Specify hand. Regular bevel, 1/8 in 2 in.
Rounded cast front: Send sketch showing radius.
Rabbeted cast front: Specify hand, 1/2 in. rabbet.
Rods: 3/8 in. steel with 3/4 in. steel, bronze plated heads.
Cylinder: Bronze, five pin-tumblers.
Keys: Three, No. 8; changes practically unlimited.
Strikes: Cut shows dust-proof strike at bottom which is only furnished to special order, at an additional price. Strikes for stone, etc., furnished to order.
Trim: Must always be specified.

Nos. 140 and 140 1/2

Case: 6 1/8 x 3 3/4 x 1 in. Japanned iron.
Backset: Hub and cylinder, 2 3/4 in.; rod, 1 1/2 in.
Spacing: 3 in.
Operation: A half turn of handle throws both bolts, which may then be deadlocked by key from one side. Can be furnished with cylinder both sides to order. Front can be used as strike for lock.

No.		
140	Flat front	8 1/2 x 1 1/8 in.
140 1/2	Rabbeted front	8 1/2 x 1 1/4 "

No. 142

Case: 6 3/16 x 3 3/4 x 3/4 in. Japanned iron.
Backset: Hub and cylinder, 2 3/4 in.; rod 1 1/2 in.
Spacing: 3 in.
Operation: A half turn of handle throws both bolts, which may then be deadlocked by key, which throws a bolt in front, giving the added security of a lock. Regular with cylinder one side, can be furnished with cylinder both sides to order.

No.		
142	Flat front	8 1/2 x 1 1/8 in.

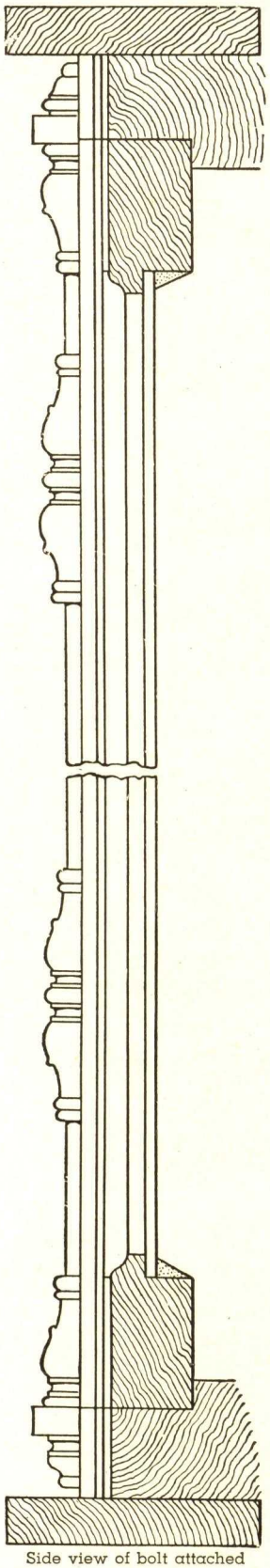
Nos. 143 and 143 1/2

Case: 6 3/8 x 3 3/4 x 3/4 in. Japanned iron.
Backset: Hub and cylinder, 2 3/4 in.; rod, 3/4 in.
Spacing: 3 in.
Operation: By handle, when released by key. Handles are deadlocked automatically after each operation in either locked or unlocked position. When bolts are thrown or withdrawn they cannot be operated unless released by key, which controls handles only. A third bolt is also thrown in the front and gives the added security of a lock. Cylinder both sides.

No.		
143	Flat front	10 3/4 x 1 1/8 in.
143 1/2	Rabbeted front	10 3/4 x 1 1/4 "

Above bolts can be master-keyed in sets as desired with other Yale Cylinder Locks using the same type of cylinder. See page XXXIII.
Packed: Each in a box, complete with screws.
When ordering give list number; hand, height and thickness of door; distance from bottom of door to handle, type of strikes and finish. For finishes, see page XXV.

STRIKES FOR CREMONE BOLTS



Side view of bolt attached

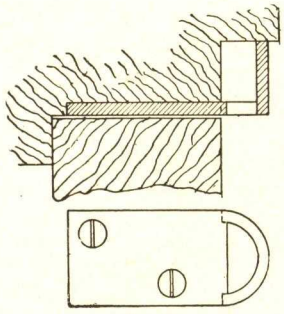


Fig. 1
Half Mortise, opening in.
For regular bolts, with 11/16 in. rod.

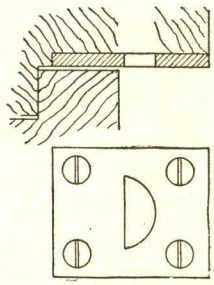


Fig. 2
Flat Mortise, opening in.
For regular bolts, with 11/16 in. rod.

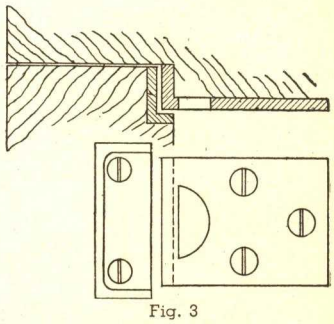


Fig. 3
Angle, opening out.
For regular bolts, with 11/16 in. rod.

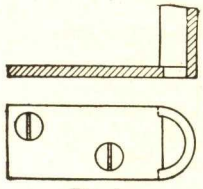


Fig. 4
Half Mortise, opening in.
For regular bolts, with ½ in. rod.

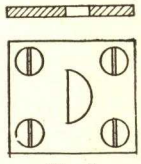


Fig. 5
Flat Mortise, opening in.
For regular bolts, with ½ in. rod.

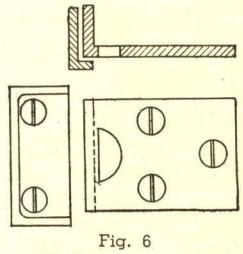


Fig. 6
Angle, opening out.
For regular bolts, with ½ in. rod.

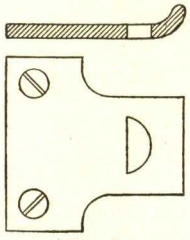


Fig. 7
Mortise, lipped, opening in.
For regular bolts, with ½ in. rod.

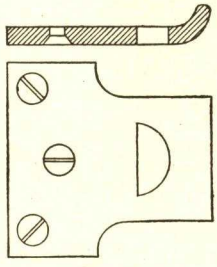


Fig. 8
Mortise, lipped, opening in.
For regular bolts, with 11/16 in. rod.

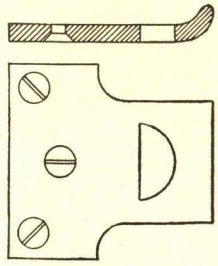


Fig. 9
Mortise, lipped, opening in.
For regular bolts, with ¾ in. rod.

Information Wanted When Ordering Bolts

When ordering, give list number, strike wanted, hand of sash (if no hand is given left hand will be furnished), height of sash and whether sash opens in or out. Distance from bottom of sash to proposed center of knob or lever handle, and finish. For finishes, see page XXV.

Guides furnished for each 2 feet of rod.

Strikes for Special Conditions

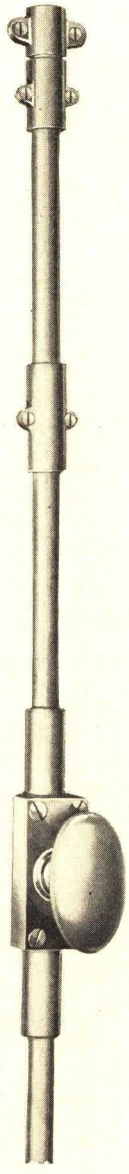
Unless otherwise ordered, all Cremone Bolts will be packed with the rim strikes shown with the bolt, which are used when window and casing are flush. (See illustration at left.)

The above illustrations cover types of strikes used for varying conditions of head and sill.

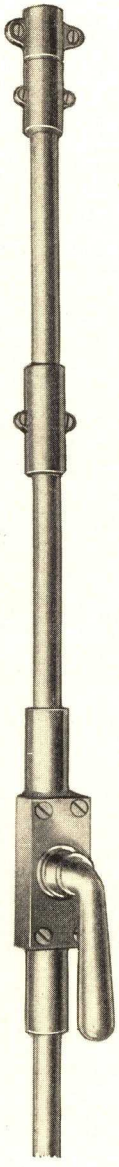
If, to meet unusual conditions, any of these special strikes are desired, order the shape you desire by the figure number of the strike shown above and send with the order a sectional detail of the head, sill, and meeting-rails.

CREMONE BOLTS

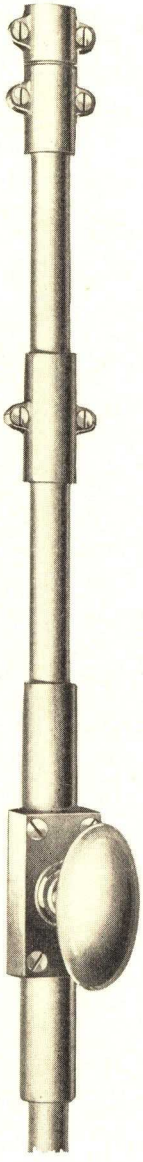
CUTS ONE-THIRD SIZE



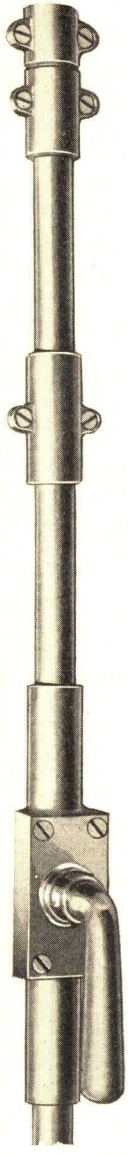
No. 150



No. 151



Nos. 160 and 2160

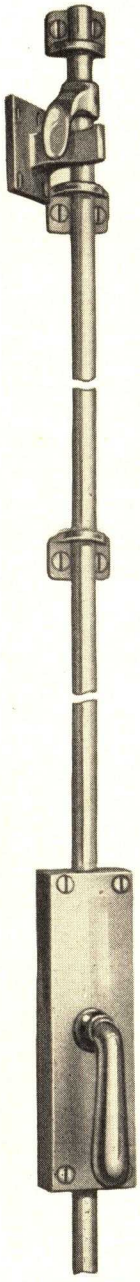


Nos. 167 and 2167

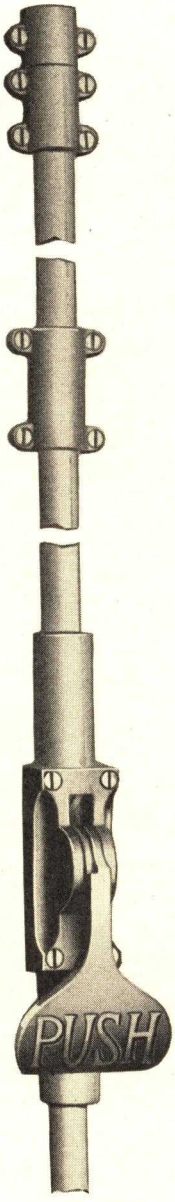
No.	Material	Width of Box	Knob	Lever Handle	Projection†	Rod (½ Oval)
150	Cast bronze	1⅛ in.	2⅛ x 1¼ in.	.....	2⅜ in.	7/16 in.
151	" "	1⅛ "	.....	2 5/16 in.	2 "	7/16 "
160	" "	1 7/16 "	2½ x 1⅜ in.	.....	2½ "	1 1/16 "
167	" "	1 7/16 "	.....	3 in.	2 7/16 "	1 1/16 "
2160	" iron	1 7/16 "	2½ x 1⅜ in.	.....	2½ "	1 1/16 "
2167	" "	1 7/16 "	.....	3 in.	2 7/16 "	1 1/16 "

†Projection is measured from the face of sash to highest point of knob or lever handle.
Packed: 1 in a package.
Guides furnished for each 2 feet of rod.
When ordering, give list number, information called for on page 187 and finish.
For finishes, see page XXV.

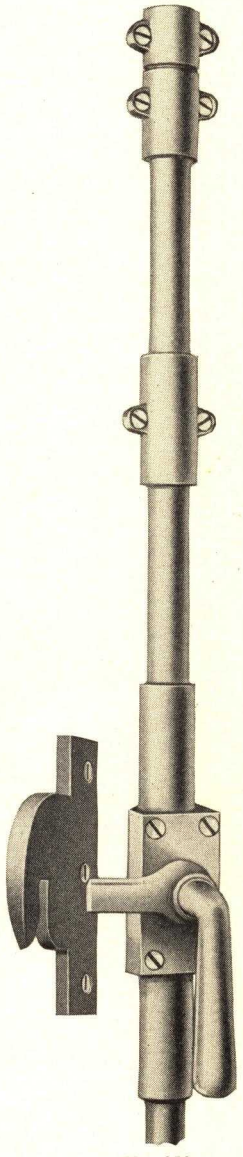
CREMONE BOLTS



No. 178*



No. 165‡



No. 159

No.	Material	Box	Handle	Projection†	Rod
159	Cast bronze	1 7/16 in.	3 in.	2 7/8 in.	11/16 in. half oval
165‡	" "	1 3/4 "	3 3/8 "	4 "	11/16 " " "
178*	" "	5 x 1 3/8 in.	2 7/16 "	2 1/4 "	3/8 " round

‡ For Panic Fire Exit Doors. The lever projects at an angle when bolts are thrown; pressure against this lever retracts bolts. Cannot be furnished in FX80 finish; where bolts are wanted to match FX80, BX80 finish should be specified.

*For high and narrow single windows opening out. The hooks and strikes may be repeated at intervals as desired, to obtain rigidity and weathertight conditions.

† Projection is measurement from face of sash to highest point of lever handle.

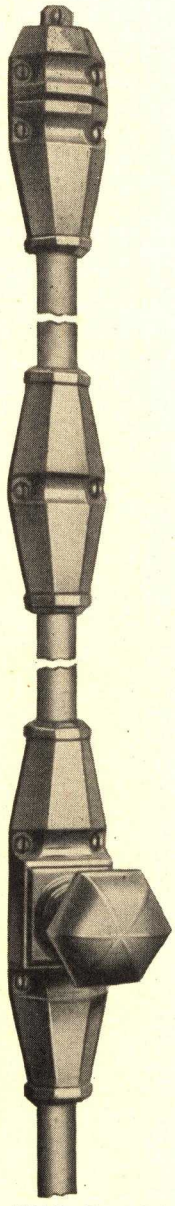
Guides furnished for each 2 feet of rod.

When ordering, give list number, information called for on page 187 and finish.

For finishes, see page XXV.

CREMONE BOLTS

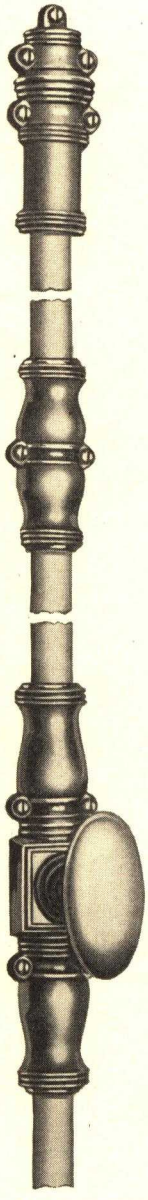
CUTS ONE-THIRD SIZE



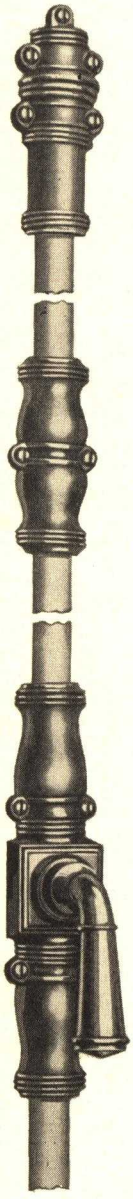
No. KA160 Alameda*



No. KA167 Alameda



No. LL160 Lancaster



No. LL167 Lancaster

No.	Material	Width of Box	Knob	Lever Handle	Projection†	Rod (½ Oval)
KA160*	Cast bronze	1 9/16 in.	1¾ in.	.....	2 7/8 in.	1 1/16 in.
KA167	" "	1 9/16 "	.....	2 11/16 in.	2 7/16 "	1 1/16 "
LL160	" "	1½ "	2 5/8 x 1 5/16 in.	.....	2 7/8 "	1 1/16 "
LL167	" "	1½ "	.....	2 7/8 in.	2 11/16 "	1 1/16 "

* Also furnished to operate from both sides, list number KA163, dimensions same as KA160, 1¾ in. knob and dead-locking stop inside, lever handle outside.

†Projection is measured from the face of sash to highest point of knob or lever handle.

Packed: 1 in a package.

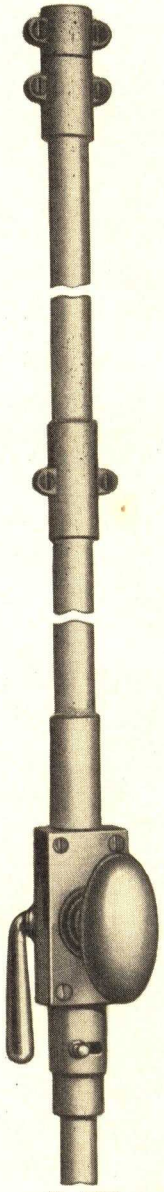
Guides furnished for each 2 feet of rod.

When ordering, give list number, information called for on page 187 and finish.

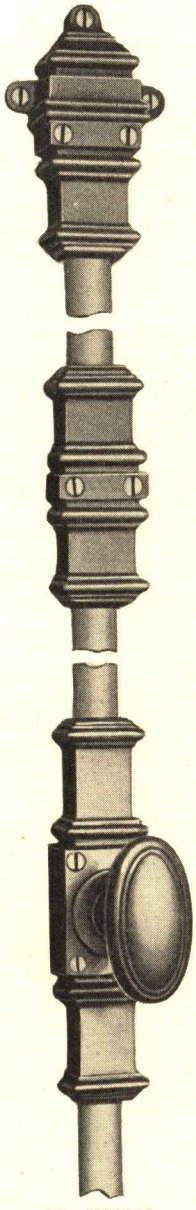
For finishes, see page XXV.

CREMONE BOLTS

CUTS ONE-THIRD SIZE



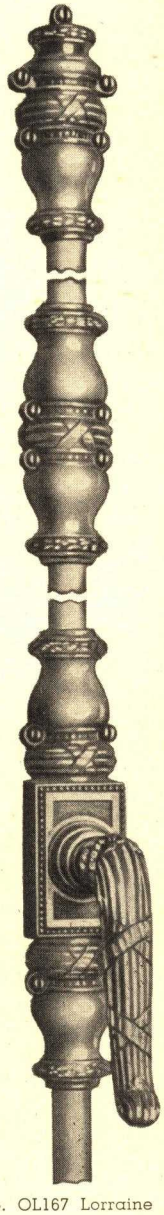
No. 163*
No. 162,* knob out, lever in



No. XCD160



No. OL160 Lorraine



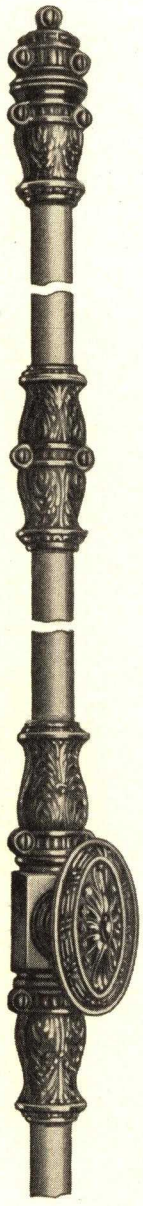
No. OL167 Lorraine

No.	Material	Width of Box	Knob	Lever Handle	Projection†	Rod (½ Oval)
162*	Cast bronze	1½ in.	2½ x 1⅜ in.	3 in.	2½ in.	11/16 in.
163*	" "	1½ "	2½ x 1⅜ "	3 "	2 7/16 "	11/16 "
XCD160	" "	1 9/16 "	2½ x 1⅜ "	.....	3 3/16 "	¾ "
OL160	" "	1 9/16 "	2 5/8 x 1 1/16 "	.....	3 "	11/16 "
OL167	" "	1 9/16 "	.....	3 5/8 in.	3¾ "	11/16 "

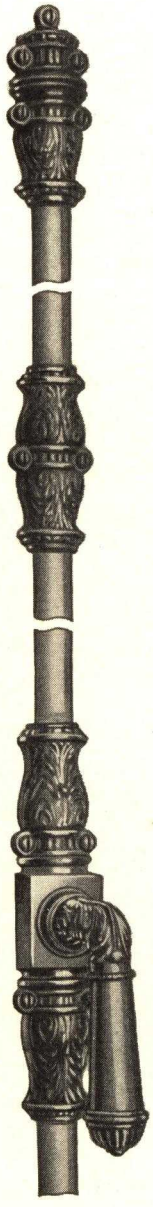
* Operates from both sides. Outer knob or lever handle may be deadlocked by stop on inside.
†Projection is measured from the face of sash to highest point of knob or lever handle.
Packed: 1 in a package.
Guides furnished for each 2 feet of rod.
When ordering, give list number, information called for on page 187 and finish.
For finishes, see page XXV.

CREMONE BOLTS

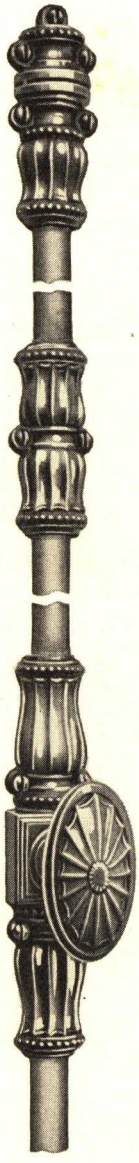
CUTS ONE-THIRD SIZE



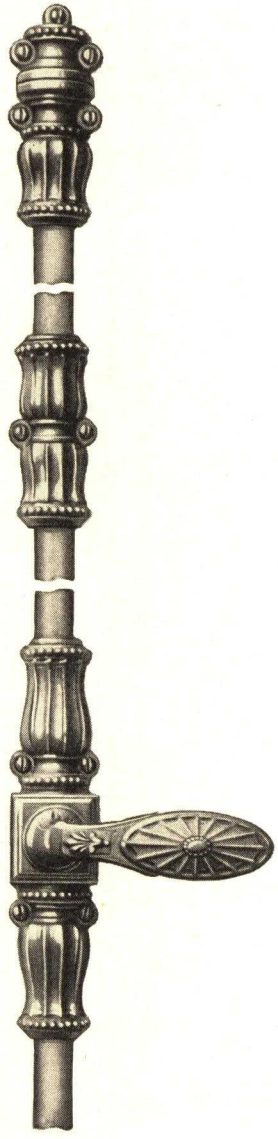
No. SD160 Dreux



No. SD167 Dreux



No. MG160 Gateshead

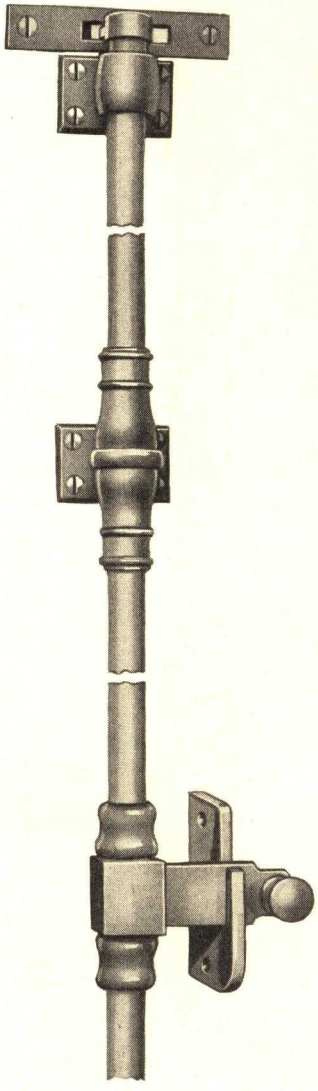


No. MG167 Gateshead

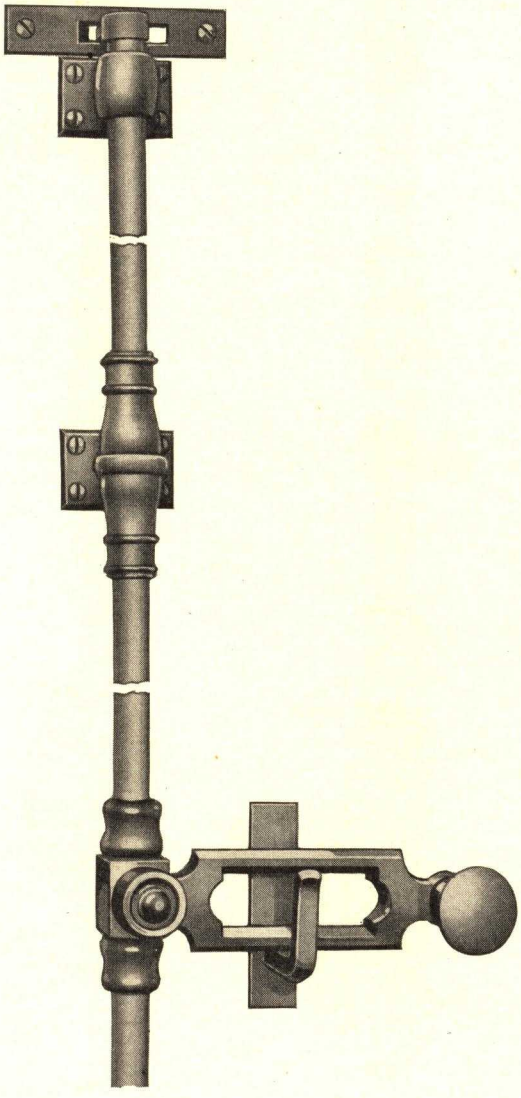
No.	Material	Width of Box	Knob	Lever Handle	Projection†	Rod (½ Oval)
SD160	Cast bronze	1 5/16 in.	2¾ x 1⅜ in.	.....	3 5/16 in.	1 1/16 in.
SD167	" "	1 5/16 "	.....	3½ in.	3 1/16 "	1 1/16 "
MG160	" "	1½ "	2¾ x 1½ in.	.....	3 "	1 1/16 "
MG167	" "	1½ "	.....	3½ in.	2 "	1 1/16 "

†Projection is measured from the face of sash to highest point of knob or lever handle.
Packed: 1 in a package.
Guides furnished for each 2 feet of rod.
When ordering, give list number, information called for on page 187 and finish.
For finishes, see page XXV.

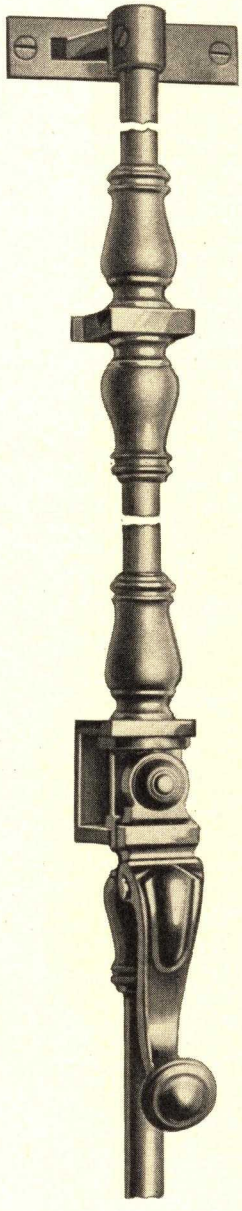
ESPAGNOLETTE BOLTS



No. 180 (Right hand)



No. 186 (Right hand)



No. KW185 (Right hand)

No.	Material	Box	Guide Plates	Handle	Projection†	Rod (Round)
180	Cast bronze	2¾ x 1 in.	1¼ x 2 in.	1 x 3¾ in.	2⅜ in.	⅝ in.
186	" "	.....	1¼ x 2 "	1½ x 6⅛ "	3 "	⅝ "
KW185	" "	2 x 1¾ in.	.....	1¼ x 6 "	3⅛ "	⅝ "

† Projection is measurement from face of sash to highest point of handle.
Guides furnished for each 2 feet of rod.
When ordering, give list number, hand of door, information called for on page 187, and finish.
For finishes, see page XXV.

BUTTS

CUTS ONE-HALF SIZE

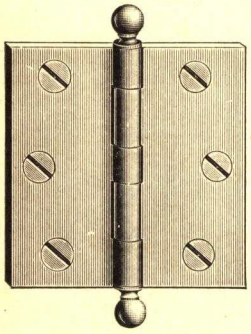
Shutter Butts

Brass Pins

No. 710. Cast bronze or brass. Square edges, ball tip. Loose pin.

Made in the following sizes:

2 x 2 in.
2½ x 2 "
2½ x 2½ "
3 x 2 "
3 x 2½ "
3 x 3 "

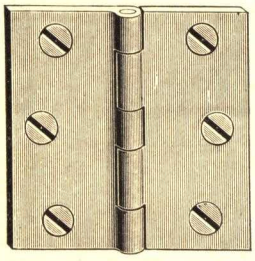


No. 710

No. 715. Cast bronze or brass. Square edges and fast joint. No tips.

Made in the following sizes:

2 x 2 in.
2½ x 2 "
2½ x 2½ "
3 x 2 "
3 x 2½ "
3 x 3 "



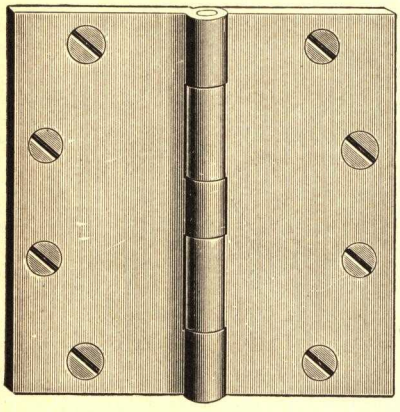
No. 715

Transom Butts

No. 725. Cast bronze or brass. Fast joint, no tips; face of leaves polished, knuckles buffed.

Made in the following sizes:

3 x 3 in.
3½ x 3½ "
4 x 4 "



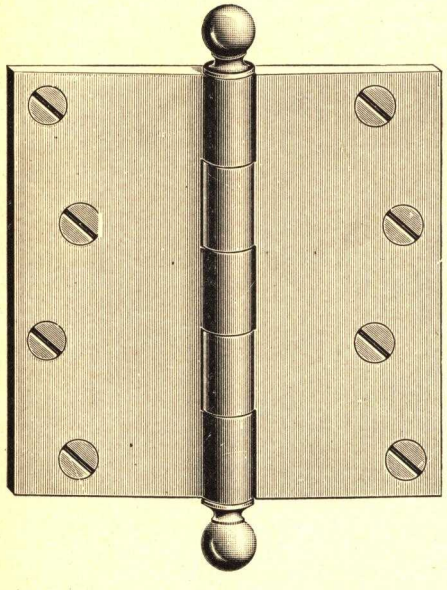
No. 725

Door Butts

No. 720. Cast bronze or brass. Loose pin, ball tip. Steel-bushed. Self-lubricating. Light weight.

Made in the following sizes:

3 x 3 in.
3½ x 3½ "
4 x 4 "
4½ x 4½ "

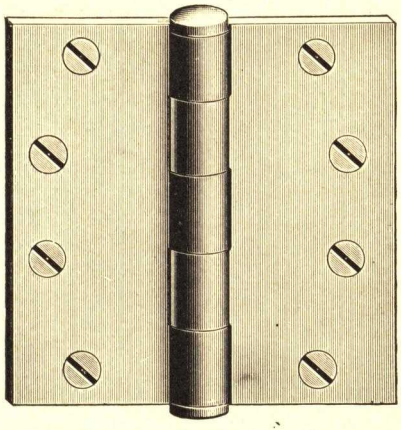


No. 720

Packed: Six pairs, 3 x 3 in., and smaller, in a box, with screws; larger sizes, 1 pair in a box, with screws.
When ordering, give list number, size and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

BUTTS



No. 755
Type of Nos. 785 and 2788

Door Butts

Uniform thickness of leaf

No. 785. Cast bronze or brass. Loose pin, button tip. Steel-bushed. Self-lubricating. "Hold-fast" pins. Heavy weight.

Made in the following sizes:

3½ x 3½ in.	5 x 5 in.
4 x 4 "	6 x 5 "
4½ x 4½ "	6 x 6 "
5 x 4 "	

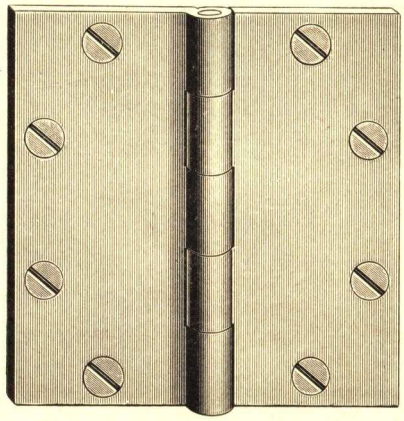
No. 755. Cast bronze or brass. Loose pin, button tip. Steel-bushed. Self-lubricating. "Hold-fast" pins. Extra heavy weight.

4½ x 4½ in.	5 x 6 in.
5 x 4 "	6 x 5 "
5 x 5 "	6 x 6 "

No. 2788. Cast iron. Loose pin, button tips. Heavy weight.

Made in the following sizes:

3 x 3 in.	4½ x 4½ in.
3½ x 3½ "	5 x 4½ "
4 x 4 "	5 x 5 "



No. 2768

Transom Butts

Uniform thickness of leaf

No. 2768. Cast iron. Fast joint, no tips. Heavy weight.

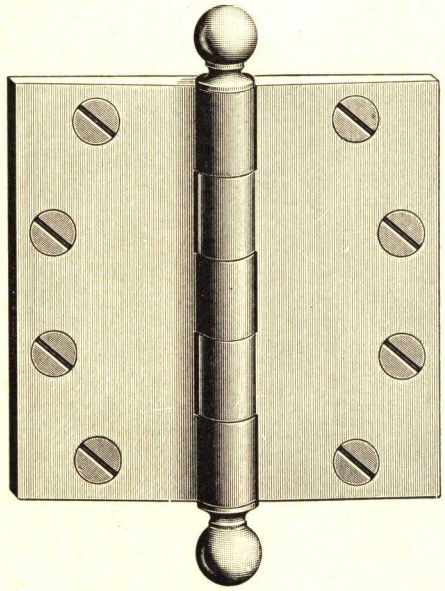
Made in the following sizes:

3 x 3 in.	4½ x 4½ in.
3½ x 3½ "	5 x 4½ "
4 x 4 "	5 x 5 "

Packed: 6 pairs, 3 x 3 in., in a box, with screws; larger sizes, 1 pair in a box, with screws.
When ordering, give list number, size and finish. For finishes, see page XXV.

BUTTS

CUTS ONE-HALF SIZE



No. 780
Type of No. 750

Door Butts

Uniform thickness of leaf

No. 780. Cast bronze or brass. Loose pin, ball tip. Steel-bushed. Self-lubricating. "Hold-fast" pins. Heavy weight.

Made in the following sizes:

3½ x 3½ in.	5 x 5 in.
4 x 4 "	6 x 5 "
4½ x 4½ "	6 x 6 "
5 x 4 "	

No. 750. Cast bronze or brass. Loose pin, ball tip. Steel-bushed. Self-lubricating. "Hold-fast" pins. Extra heavy weight.

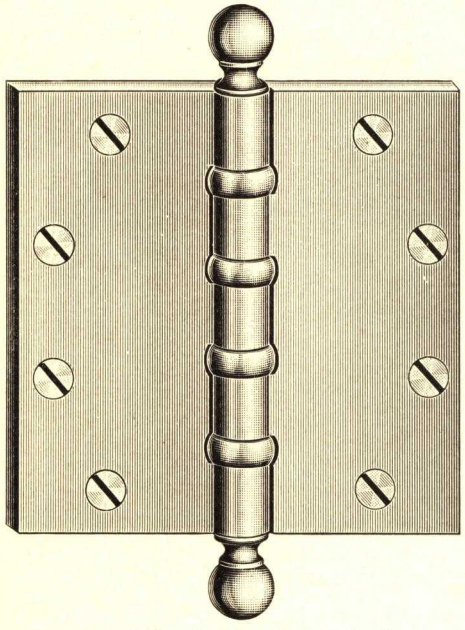
Made in the following sizes:

4½ x 4½ in.	5 x 6 in.
5 x 4 "	6 x 5 "
5 x 5 "	6 x 6 "

No. 2783. Cast iron. Loose pin, ball tip. Heavy weight.

Made in the following sizes:

3 x 3 in.	4½ x 4½ in.
3½ x 3½ "	5 x 4½ "
4 x 4 "	5 x 5 "



No. 751 (four ball bearing washers)
No. 781 (two ball bearing washers)

Door Butts

Ball bearing washers
Uniform thickness of leaf

No. 781. Cast bronze or brass. Loose pin, ball tip. "Hold-fast" pins. Two non-detachable ball bearing washers. Heavy weight.

Made in the following sizes:

4 x 4 in.	5 x 5 in.
4½ x 4½ "	6 x 5 "
5 x 4 "	6 x 6 "

No. 786. Same as No. 781, but with button tips (as No. 785, page 195).

No. 751. Cast bronze or brass. Loose pin, ball tip. "Hold-fast" pins. Four non-detachable ball bearing washers. Extra heavy weight.

Made in the following sizes:

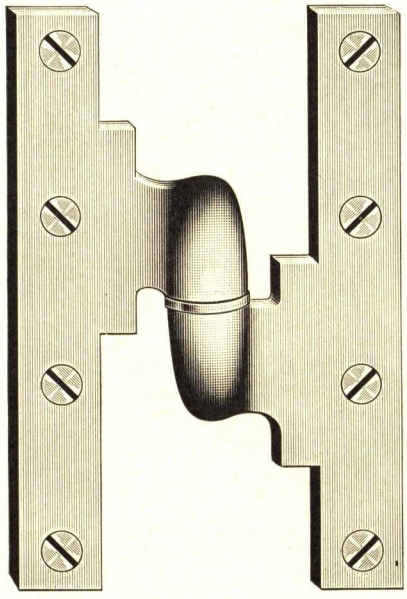
4½ x 4½ in.	5 x 6 in.
5 x 4 "	6 x 5 "
5 x 5 "	6 x 6 "

No. 756. Same as No. 751, but with button tips (as No. 755, page 195).

Packed: 6 pairs, 3 x 3 in., in a box, with screws; larger sizes, 1 pair in a box, with screws.
When ordering, give list number, size and finish. For finishes, see page XXV.

BUTTS

CUTS ONE-HALF SIZE



Nos. 1789 and 2789

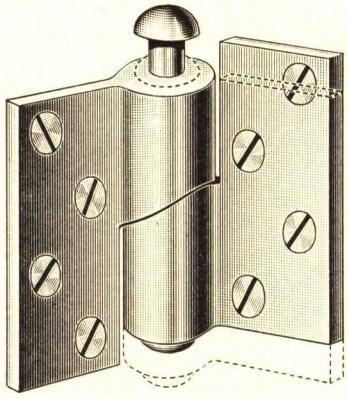
Olive Knuckle Butts

Nos. 1789 and 1790 Cast Bronze or Brass
No. 2789 Malleable Iron

No. 1789 5 and 6 in. sizes have self-lubricating bronze washers.
No. 1790 has a ball bearing washer.
Use 6 in. size on doors 1¾ in. thick.
Use 5 in. size on doors 1⅜ in. thick.
Use 3 in. size on doors of cabinets, cupboards, china closets, bookcases, etc.
Not reversible, specify hand when ordering.
No. 1790 with ball bearing is only made in the 6 x 5 in. size.

	3 Inch	5 Inch	6 x 3⅞ in.	6 x 5 in.
Length of leaf	3 in.	5 in.	6 in.	6 in.
Width of leaf	⅝ "	¾ "	1 13/16 "	1⅛ "
Width open	2¼ "	3¼ "	3⅞ "	5 "
Width between leaves	1 "	1¾ "	2¼ "	2¾ "
Diameter of knuckles	½ "	¾ "	⅞ "	⅞ "

The No. 2789 malleable iron butt will not be furnished in any polished finish.
Packed: 5 and 6 inch, 1 pair in a box; 3 inch, 6 pairs in a box, with screws.

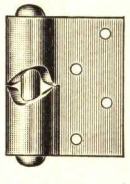


No. 736—Front View
Open position

Gravity Butts

No. 736. Cast bronze, unfinished, unless otherwise specified on order.
Phosphor bronze pin.
Not reversible; specify hand when ordering.
These gravity butts are used on exterior window grilles, which are generally hung left hand reverse. The action of gravity holds the window grill open approximately 95°, until locked in the closed position.
Size of each leaf, 3 x 1 7/16 x 3/16 in.
Distance from center of pin to end of leaf, 2 in.

Packed: 6 pairs in a box, with bronze machine screws.



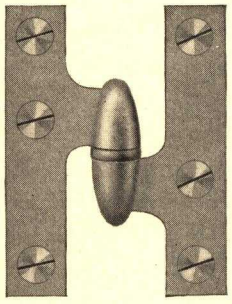
Side View
Closed position

When ordering, give list number, size and finish. For finishes, see page XXV.

WROUGHT BRONZE OR BRASS BUTTS

For Cabinets and Cupboards

CUTS ONE-HALF SIZE



No. 100 3 in. R. H.

Wrought Bronze or Brass Olive Knuckle Cabinet Butts

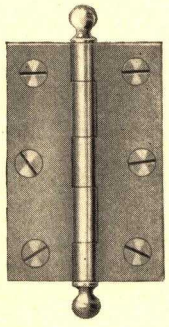
No. 100 With wood screws

For cabinets, cupboards, china closets, book cases, medicine cabinets, etc.

Not reversible, specify hand. Loose joint and non-detachable bronze washer.

Size Open	Gauge of Metal	Width of Leaves	Maximum Clearance	Avg. Net Wgt. per 100 pairs
3 x 2 5/16 in.	.134	5/8 in.	9/16 in.	54 lbs.

Packed: 1 pair in a box with wood screws.



No. 195 2½ x 1 11/16 in.

Wrought Bronze or Brass Narrow Cabinet Butts

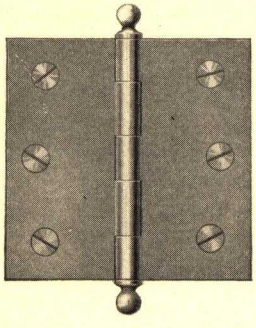
No. 195 With wood screws

For cabinets, cupboards, china closets, book cases, medicine cabinets, etc.

Five knuckles, except the 1½ x 1 3/8 in., which has three knuckles. Ball tips with loose non-ferrous pin.

Size	Gauge of Metal	Average Net Weight per doz. pairs
1½ x 1 3/8 in.	.050	1 3/8 lbs.
2 x 1 9/16 "	.065	2½ "
2½ x 1 11/16 "	.065	3¼ "
3 x 2 "	.074	5 "

Packed: ½ dozen pairs in a box with wood screws.



No. 189 2½ x 2½ in.

Wrought Bronze or Brass Broad Cabinet Butts

No. 189 With wood screws

For cabinets, cupboards, china closets, book cases, medicine cabinets, etc.

Five knuckles, ball tips and loose non-ferrous pin.

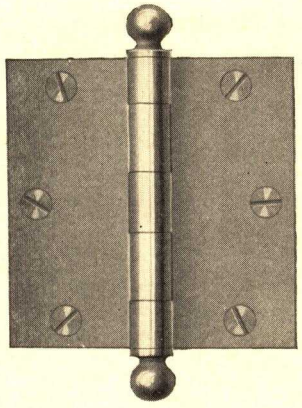
Size	Gauge of Metal	Average Net Weight per doz. pairs
2 x 2 in.	.065	2 7/8 lbs.
2½ x 2 "	.065	3½ "
2½ x 2½ "	.065	4 1/8 "
3 x 2½ "	.074	6 1/8 "
3 x 3 "	.074	7 "

Packed: ½ dozen pairs in a box with wood screws.

Made of wrought bronze or brass, toughened and hardened by cold rolling.
When ordering, give list number, size and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

WROUGHT BRONZE OR BRASS BUTTS



No. 190 3 x 3 in.

Wrought Bronze or Brass Screen Door Butts

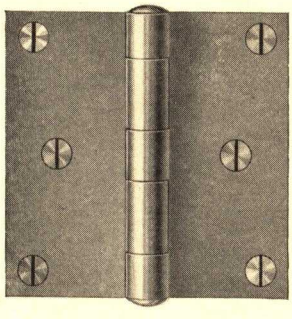
No. 190 With wood screws

For medium weight screen doors.
Made of light weight wrought bronze or brass, toughened and hardened by cold rolling.

Five knuckles, except the 2½ x 2½ in., which has three knuckles. Have steel bushings, ball tips and loose pins.

Size	Gauge of Metal	Average Net Weight per 100 pairs
2½ x 2½ in.	.087	58 lbs.
3 x 3 "	.092	83 "
3½ x 3½ "	.101	120 "
4 x 4 "	.107	163 "

Packed: 2½ x 2½ in., ¼ dozen pairs in a box; larger sizes, 1 pair in a box with wood screws.



No. 196½ 3 x 3 in. Template

Wrought Bronze or Brass Transom Butts

No. 196½ Template with machine screws
No. 192½ Non-template with wood screws

For transom and casement windows.

Made of wrought bronze or brass, toughened, and hardened by cold rolling. The inner edges of the leaves are beveled to make close fitting joints.

Five knuckles and fast non-ferrous pin.

Use Template Butts on metal transoms or wood transoms with pressed steel frames.

Use Non-template Butts on wood transoms with wood frames.

Size	Gauge of Metal	Average Net Weight per 100 pairs
3 x 3 in.	.092	84 lbs.
3½ x 3½ "	.123	124 "
4 x 4 "	.130	168 "

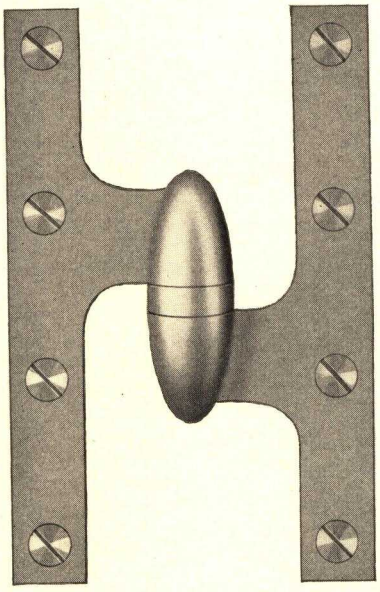
Packed: 3 x 3 in., ¼ dozen pairs in a box; larger sizes, 1 pair in a box with machine or wood screws.

When ordering, give list number, size and finish. For finishes, see page XXV.

WROUGHT BRONZE BUTTS

Olive Knuckle Ball Bearing
For Metal or Wood Doors

CUTS ONE-HALF SIZE



No. BB95 6 in. R. H. Template

Regular Weight Wrought Bronze or Brass Olive Knuckle Door Butts

No. BB95 Template with machine screws
No. BB100 Non-template with wood screws

For medium weight wood doors of residences, apartment houses, hotels, hospitals, etc., when it is desired to make the butts as inconspicuous as possible.

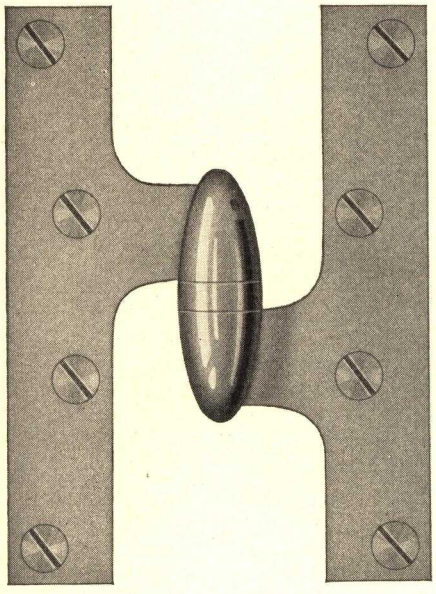
Not reversible, specify hand. Loose joint and non-detachable ball bearing.

5 in. recommended for doors 1⅜ in. thick.

6 in. recommended for doors 1¾ in. thick.

Size Open	Gauge of Metal	Width of Leaves	Maximum Clearance	Avg. Net Wgt. per 100 pairs
5 x 3¼ in.	.169	¾ in.	1¼ in.	146 lbs.
6 x 3⅛ "	.203	13/16 "	1¾ "	231 "

Packed: 1 pair in a box with machine or wood screws.



No. BB92 6 in. R. H. Template

Extra Heavy Wrought Bronze or Brass Olive Knuckle Door Butts

No. BB92 Template with machine screws
No. BB104 Non-template with wood screws

For hollow metal doors or heavy wood doors of office buildings, hotels and hospitals, when it is desired to make the butts as inconspicuous as possible.

Not reversible, specify hand. Loose joint and non-detachable ball bearing.

Size Open	Gauge of Metal	Width of Leaves	Maximum Clearance	Avg. Net Wgt. per 100 pairs
6 x 4 in.	.225	1⅛ in.	1¼ in.	295 lbs.
6 x 4½ "	.225	1⅛ "	1¾ "	303 "
6 x 5 "	.225	1⅛ "	2¼ "	311 "
6 x 6 "	.225	1⅛ "	3¼ "	327 "

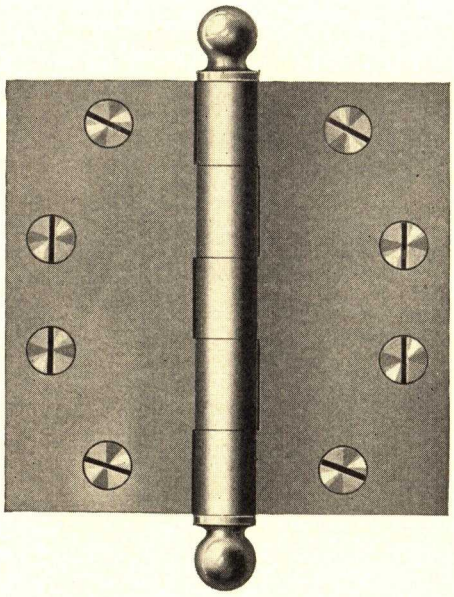
Packed: 1 pair in a box with machine or wood screws.

Made of wrought bronze or brass, toughened and hardened by cold rolling.
Use Template Butts on metal doors or wood doors with pressed steel jambs. Blue prints furnished on request.
Use Non-template Butts on wood doors with wood jambs.
When ordering, give list number, hand, size and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

WROUGHT BRONZE BUTTS

For Metal or Wood Doors



No. 194 4½ x 4½ in. Template

Regular Weight Wrought Bronze or Brass Butts

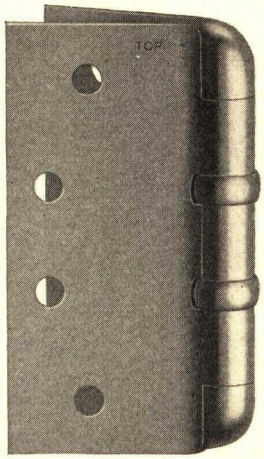
No. 194 Template with machine screws
No. 175 Non-template with wood screws

For doors of residences or other medium weight wood doors receiving light service, where the finest regular weight wrought bronze butt is wanted.

Have steel bushings the entire length of each knuckle, preventing wear at the joints, five knuckles, non-rising loose pins and ball tips.

Size	Gauge of Metal	Average Net Weight per 100 pairs
3 x 3 in.	.092	100 lbs.
3½ x 3½ "	.123	145 "
4 x 4 "	.130	193 "
4½ x 4½ "	.134	255 "
5 x 5 "	.146	336 "

Packed: 1 pair in a box with machine or wood screws.



No. HTBB193 4½ x 4½ in. Template

Regular Weight Wrought Bronze or Brass Ball Bearing Hospital Butts

No. HTBB193 Template with machine screws
No. HTBB180 Non-template with wood screws

For doors of hospitals, institutions, hotels, colleges, etc. The ends of the knuckles are rounded, making it impossible to attach ropes, wearing apparel, etc. Easily kept free from dust and dirt.

Two ball bearings, five knuckles and fast pins.

Size	Gauge of Metal	Average Net Weight per 100 pairs
4 x 4 in.	.130	191 lbs.
4½ x 4½ "	.134	249 "
5 x 5 "	.146	317 "

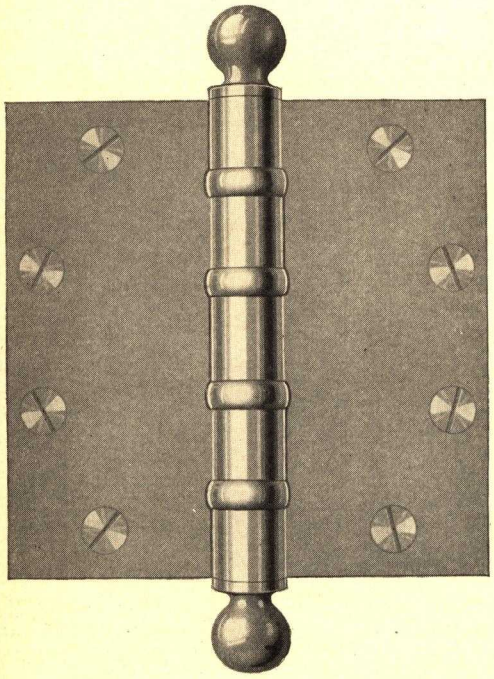
Packed: 1 pair in a box with machine or wood screws.

Made of wrought bronze or brass, toughened and hardened by cold rolling. The inner edges of the leaves are beveled to make close fitting joints.
Use Template Butts on metal doors or wood doors with pressed steel jambs. These butts are made to U. S. Standard template. Blue prints furnished on request.
Use Non-template Butts on wood doors with wood jambs.
When ordering, give list number, size and finish. For finishes, see page XXV.

WROUGHT BRONZE BUTTS

Ball Bearing
For Metal or Wood Doors

CUTS ONE-HALF SIZE



No. BB199 5 x 5 in. Template

Extra Heavy Wrought Bronze or Brass Butts

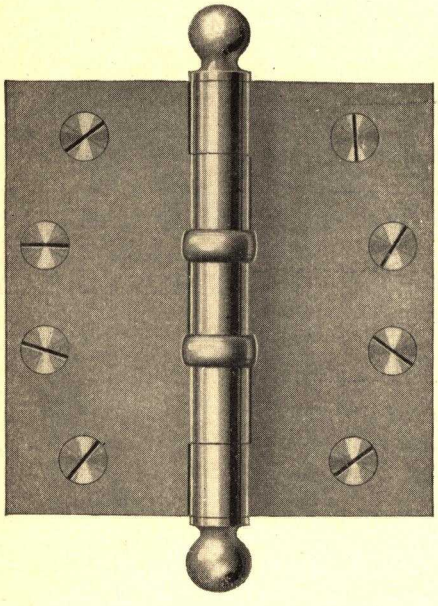
No. BB199 Template with machine screws
No. BB181 Non-template with wood screws

For heavy doors or doors frequently used, such as entrance doors to office buildings, stores, public buildings and corridor doors to offices.

Four non-detachable ball bearings, five knuckles, non-rising loose pins and ball tips.

Size	Gauge of Metal	Average Net Weight per 100 pairs
4½ x 4½ in.	.180	331 lbs.
5 x 5 "	.190	433 "
6 x 6 "	.203	650 "

Packed: 1 pair in a box with machine or wood screws.



No. BB193 4½ x 4½ in. Template

Regular Weight Wrought Bronze or Brass Butts

No. BB193 Template with machine screws
No. BB180 Non-template with wood screws

For medium weight doors receiving average use, where the finest regular weight wrought bronze ball bearing butt is wanted.

Two non-detachable ball bearings, five knuckles, non-rising loose pins and ball tips.

Size	Gauge of Metal	Average Net Weight per 100 pairs
3½ x 3½ in.	.123	145 lbs.
4 x 4 "	.130	193 "
4½ x 4½ "	.134	255 "
5 x 5 "	.146	336 "
6 x 6 "	.160	515 "

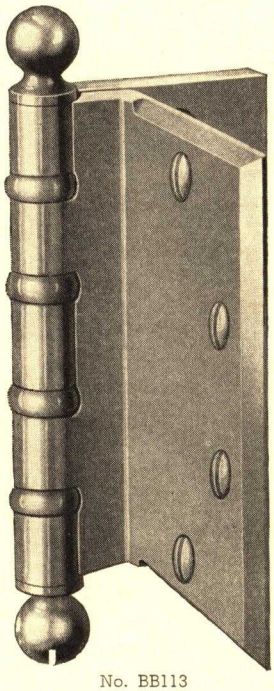
Packed: 1 pair in a box with machine or wood screws.

These butts can be furnished with non-removable pins, also with button tips in place of ball tips.
Made of wrought bronze or brass, toughened and hardened by cold rolling. The inner edges of the leaves are beveled to make close fitting joints.
Use Template Butts on metal doors or wood doors with pressed steel jambs. These butts are made to U. S. Standard template. Blue prints furnished on request. Use Non-template Butts on wood doors with wood jambs.
When ordering, give list number, size and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

WROUGHT BRONZE HALF SURFACE BUTTS

Ball Bearing



No. BB113

Extra Heavy Wrought Bronze or Brass Butts

No. BB113 to template

For kalamein doors with pressed steel jambs.

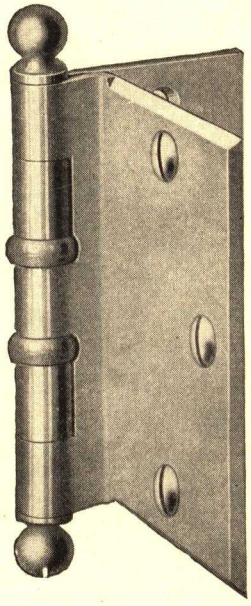
For heavy doors or doors frequently used.

Five knuckles, four non-detachable ball bearings, non-rising loose pins and ball tips.

Flat head machine screws are supplied for the jamb leaf and oval head machine screws with grommet nuts for the door leaf.

Size	Gauge of Metal	Width Jamb Leaf	Width Door Leaf	Offset Door Leaf	Average Net Weight 100 pairs
4½ in.	.180	2½ in.	2 9/16 in.	1 in.	400 lbs.
5 "	.190	2½ "	2⅞ "	1 "	500 "

Packed: 1 pair in a box, with machine screws and grommet nuts.



No. BB112

Regular Weight Wrought Bronze or Brass Butts

No. BB112 to template

No. BB116 non-template

For kalamein doors with pressed steel or kalamein jambs.

For medium weight doors receiving average use.

Five knuckles, two non-detachable ball bearings, non-rising loose pins and ball tips.

Template butts should be used on kalamein doors with pressed steel jambs and non-template butts on kalamein doors with kalamein jambs.

Template butts have flat head machine screws for the jamb leaf. Non-template have wood screws. Both have grommet nuts for the door leaf.

Size	Gauge of Metal	Width Jamb Leaf	Width Door Leaf	Offset Door Leaf	Average Net Weight 100 pairs
4½ in.	.134	2¼ in.	2 9/16 in.	¾ in.	280 lbs.
5 "	.146	2½ "	2⅞ "	1 "	375 "

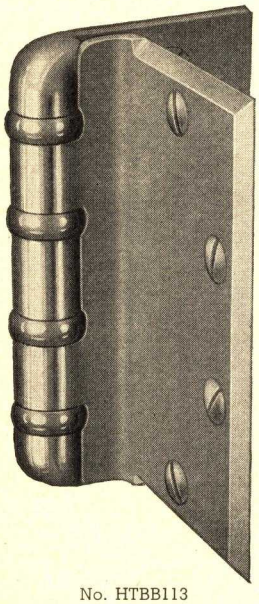
Packed: 1 pair in a box, with machine or wood screws and grommet nuts.

These butts can be furnished with non-removable pins, also with button tips in place of ball tips.
Regularly packed with bolts for 1¾ in. doors.
For information about application, grommet nuts, hand etc., see page 207.
Made of wrought bronze or brass, toughened and hardened by cold rolling. The inner edges of the leaves are beveled to make close fitting joints.
When ordering, give list number, size, thickness of door and finish. For finishes, see page XXV.

WROUGHT BRONZE HALF SURFACE HOSPITAL BUTTS

Ball Bearing

CUTS ONE-HALF SIZE



No. HTBB113

Extra Heavy Wrought Bronze or Brass Butts

No. HTBB113 to template

For kalamein doors with pressed steel jambs.

For heavy doors or doors frequently used.

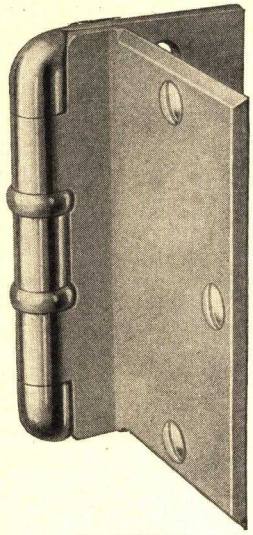
Five knuckles, four ball bearings and fast pins.

The ends of the knuckles are rounded making it impossible to attach ropes, wearing apparel, etc. Easily kept free from dust and dirt.

Flat head machine screws are supplied for the jamb leaf and oval head machine screws with grommet nuts for the door leaf.

Size	Gauge of Metal	Width Jamb Leaf	Width Door Leaf	Offset Door Leaf	Average Net Weight 100 pairs
4½ in.	.180	2½ in.	2 9/16 in.	1 in.	363 lbs.
5 "	.190	2½ "	2⅞ "	1 "	456 "

Packed: 1 pair in a box, with machine screws and grommet nuts.



No. HTBB112

Regular Weight Wrought Bronze or Brass Butts

No. HTBB112 to template

No. HTBB116 non-template

For kalamein doors with pressed steel or kalamein jambs.

For medium weight doors receiving average use.

Five knuckles, two ball bearings and fast pins.

The ends of the knuckles are rounded making it impossible to attach ropes, wearing apparel, etc. Easily kept free from dust and dirt.

Template butts should be used on kalamein doors with pressed steel jambs and non-template butts on kalamein doors with kalamein jambs.

Template butts have flat head machine screws for the jamb leaf. Non-template have wood screws. Both have grommet nuts for the door leaf.

Size	Gauge of Metal	Width Jamb Leaf	Width Door Leaf	Offset Door Leaf	Average Net Weight 100 pairs
4½ in.	.134	2¼ in.	2 9/16 in.	¾ in.	258 lbs.
5 "	.146	2½ "	2⅞ "	1 "	357 "

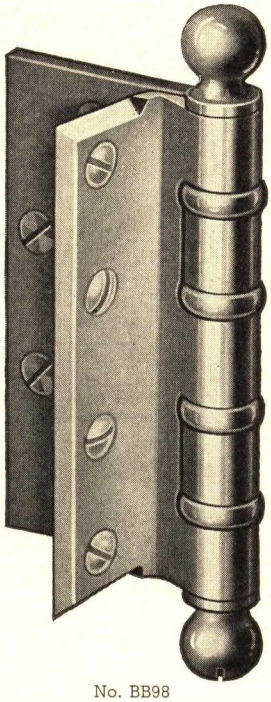
Packed: 1 pair in a box, with machine or wood screws and grommet nuts.

Regularly packed with bolts for 1¾ in. doors.
For information about application, grommet nuts etc., see page 207.
Made of wrought bronze or brass, toughened and hardened by cold rolling. The inner edges of the leaves are beveled to make close fitting joints.
When ordering, give list number, size, thickness of door and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

WROUGHT BRONZE HALF MORTISE BUTTS

Ball Bearing



No. BB98

Extra Heavy Wrought Bronze or Brass Butts

No. BB98 to template

For hollow metal doors with channel iron jambs.

For heavy doors or doors frequently used.

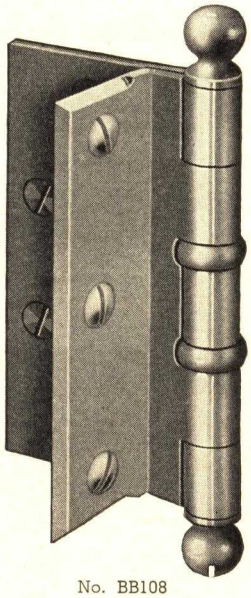
Five knuckles, four non-detachable ball bearings, non-rising loose pins and ball tips.

Oval head machine screws are supplied for the jamb leaf and flat head machine screws for the door leaf.

The jamb leaf can be furnished without offset where there is no trim to clear. Specify thickness of door.

Size	Gauge of Metal	Width Jamb Leaf	Width Door Leaf	Offset Jamb Leaf	Average Net Weight 100 pairs
4½ in.	.180	1½ in.	2¼ in.	⅞ in.	340 lbs.
5 "	.190	1½ "	2½ "	⅞ "	410 "

Packed: 1 pair in a box, with machine screws.



No. BB108

Regular Weight Wrought Bronze or Brass Butts

No. BB108 to template

For hollow metal doors with channel iron jambs.

For medium weight doors receiving average use.

Five knuckles, two non-detachable ball bearings, non-rising loose pins and ball tips.

Oval head machine screws are supplied for the jamb leaf and flat head machine screws for the door leaf.

The jamb leaf can be furnished without offset where there is no trim to clear. Specify thickness of door.

Size	Gauge of Metal	Width Jamb Leaf	Width Door Leaf	Offset Jamb Leaf	Average Net Weight 100 pairs
4½ in.	.134	1½ in.	2¼ in.	13/16 in.	260 lbs.
5 "	.146	1½ "	2½ "	⅞ "	275 "

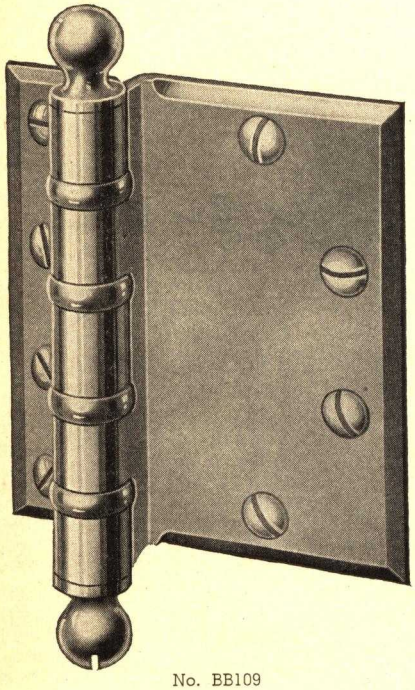
Packed: 1 pair in a box, with machine screws.

These butts can be furnished with non-removable pins, also with button tips in place of ball tips.
For information about application, hand etc., see page 207.
Made of wrought bronze or brass, toughened and hardened by cold rolling. The inner edges of the leaves are beveled to make close fitting joints.
When ordering, give list number, size and finish. For finishes, see page XXV.

WROUGHT BRONZE FULL SURFACE BUTTS

Ball Bearing

CUTS ONE-HALF SIZE



No. BB109

Extra Heavy Wrought Bronze or Brass Butts

No. BB109 to template

For kalamein doors with channel iron jambs.

For heavy doors or doors frequently used.

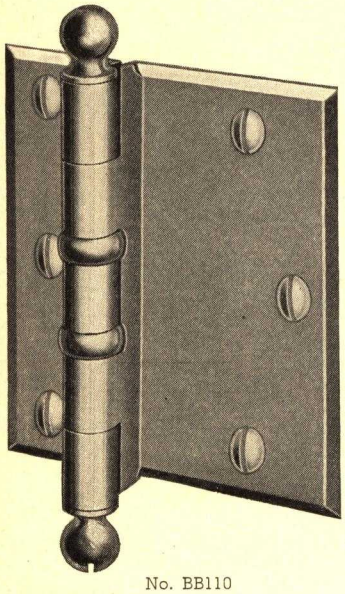
Five knuckles, four non-detachable ball bearings, non-rising loose pins and ball tips.

Oval head machine screws are supplied for the jamb leaf and oval head machine screws and grommet nuts for the door leaf.

Door leaf extends 1/8 in. beyond jamb leaf, allowing door to set in 1/8 in. beyond jamb. Can be furnished without offset where there is no trim to clear.

Size	Gauge of Metal	Width Jamb Leaf	Width Door Leaf	Offset Door Leaf	Offset Jamb Leaf	Average Net Weight 100 prs.
4½ in.	.180	1½ in.	2 9/16 in.	1 in.	7/8 in.	410 lbs.
5 "	.190	1½ "	2 7/8 "	1 "	7/8 "	522 "

Packed: 1 pair in a box, with machine screws and grommet nuts.



No. BB110

Regular Weight Wrought Bronze or Brass Butts

No. BB110 to template

For kalamein doors with channel iron jambs.

For medium weight doors receiving average use.

Five knuckles, two non-detachable ball bearings, non-rising loose pins and ball tips.

Oval head machine screws are supplied for the jamb leaf and oval head machine screws and grommet nuts for the door leaf.

Door leaf extends 1/8 in. beyond jamb leaf, allowing door to set in 1/8 in. beyond jamb. Can be furnished without offset where there is no trim to clear.

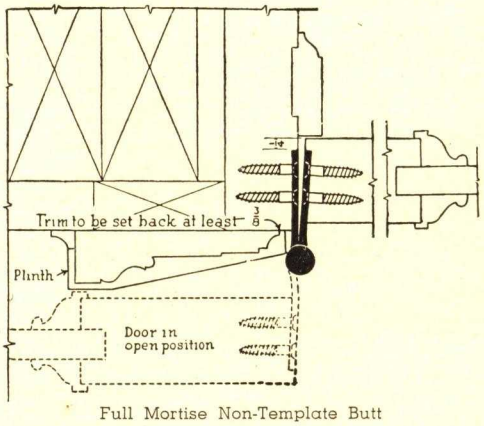
Size	Gauge of Metal	Width Jamb Leaf	Width Door Leaf	Offset Door Leaf	Offset Jamb Leaf	Average Net Weight 100 prs.
4½ in.	.134	1½ in.	2 9/16 in.	15/16 in.	13/16 in.	306 lbs.
5 "	.146	1½ "	2 7/8 "	1 "	7/8 "	402 "

Packed: 1 pair in a box, with machine screws and grommet nuts.

These butts can be furnished with non-removable pins, also with button tips in place of ball tips.
Regularly packed with bolts for 1¾ in. doors.
For information about application, grommet nuts, hand etc., see page 207.
Made of wrought bronze or brass, toughened and hardened by cold rolling. The inner edges of the leaves are beveled to make close fitting joints.
When ordering, give list number, size, thickness of door and finish. For finishes, see page XXV.

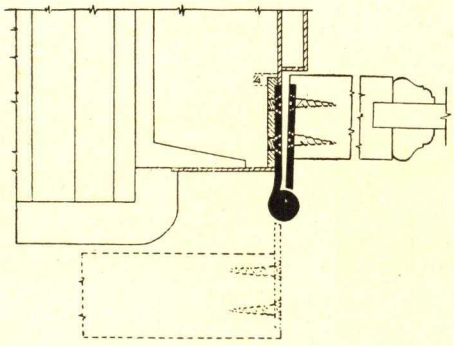
APPLICATION OF BUTTS

Wood Door with Wood Jamb



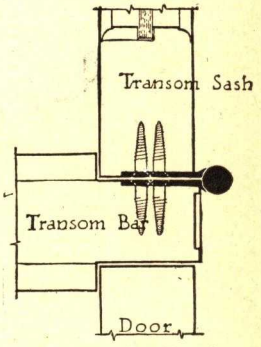
Full Mortise Non-Template Butt

Wood Door with Pressed Steel Jamb



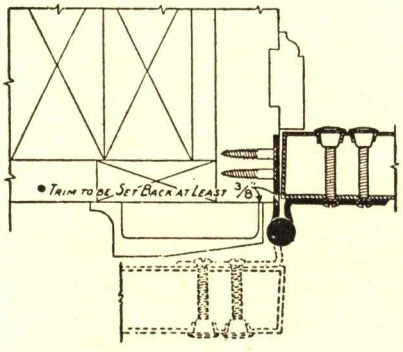
Full Mortise Template Butt

Wood Transom with Wood Frame



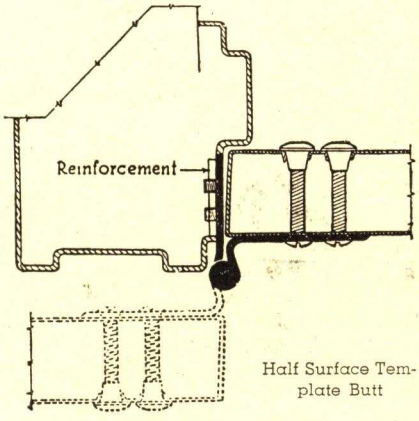
Full Mortise Non-Template Transom Butt

Kalamein Door with Kalamein Jamb



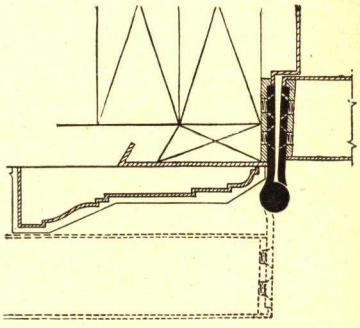
Half Surface Non-Template Butt

Kalamein Door with Pressed Steel Jamb



Half Surface Template Butt

Hollow Metal Door with Pressed Steel Jamb



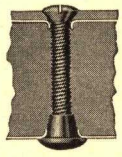
Full Mortise Template Butt

Half Surface and Full Surface Butts

In bolting the butt to the kalamein door the grommet nuts draw the metal tightly into the wood core preventing buckling of the metal. They are easily applied and give a neat, finished appearance.

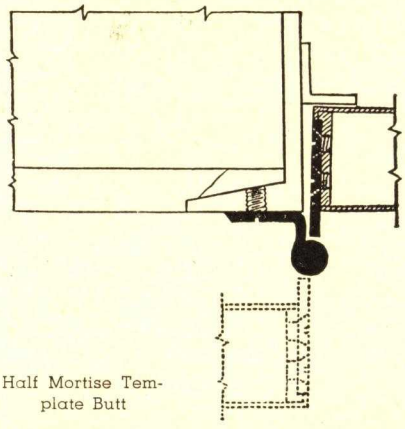
Loose pin type are reversible for right or left hand doors by unscrewing the slotted tip, reversing the pin and applying tip to the opposite end.

Door leaf and jamb leaf are measured from center of pin to outer edge of leaf. Offset is measured from back of door leaf to center of pin.



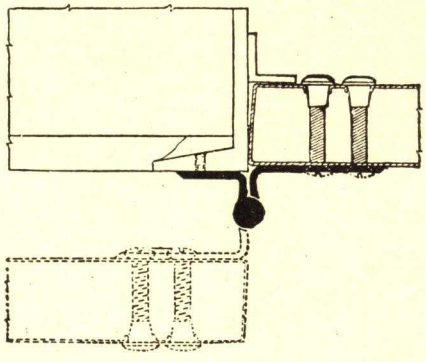
Section showing application of machine screw and grommet nut to a kalamein door

Hollow Metal Door with Channel Iron Jamb



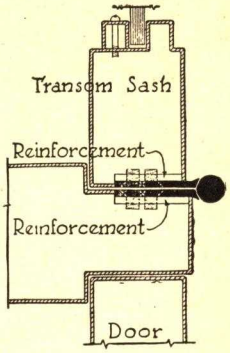
Half Mortise Template Butt

Kalamein Door with Channel Iron Jamb



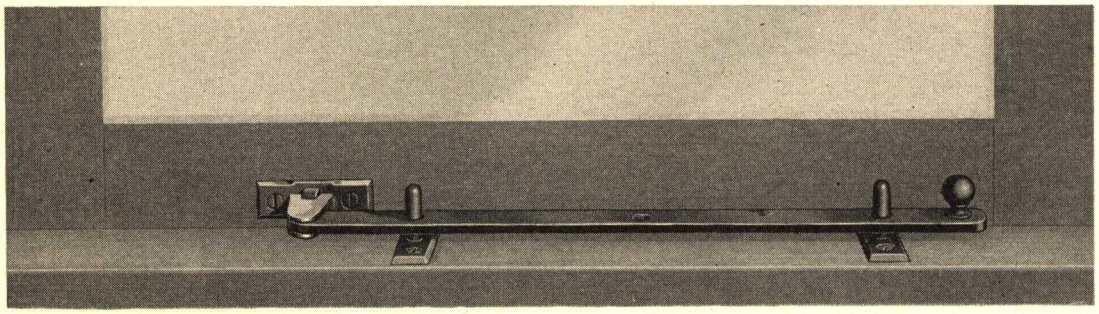
Full Surface Template Butt

Hollow Metal Transom with Pressed Steel Frame



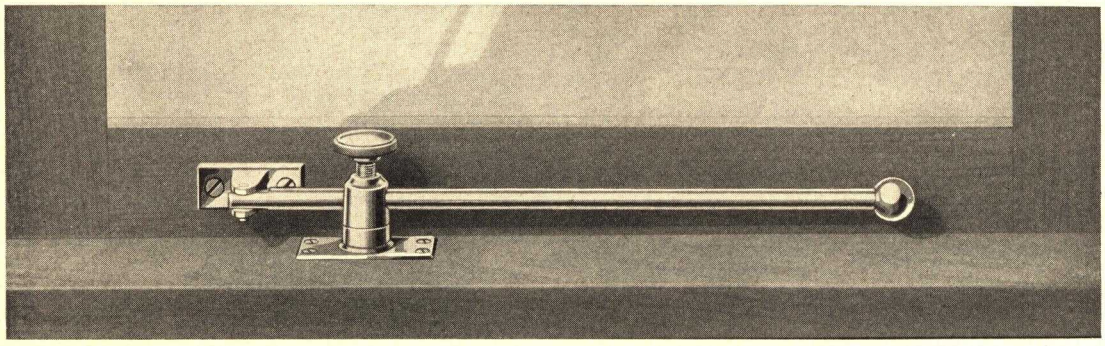
Full Mortise Template Transom Butt

CASEMENT WINDOW ADJUSTERS



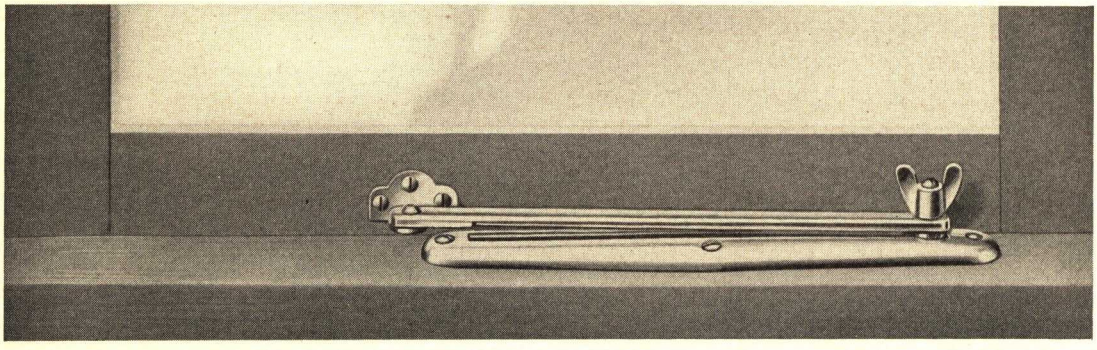
Nos. 200, 201, 2200 and 2201 for Windows Opening Out

No.	Size	Material	Rod	Sill Plate	Bracket Plate	Pin
200	10-12-15 in.	Cast bronze, wrt. bronze rod	1/8 x 5/8 in.	2 x 3/4 in.	2 1/4 x 3/4 in.	7/8 in. high
201	10-12-15 "	" " " "	1/8 x 3/4 "	2 7/8 x 3/4 "	2 1/8 x 3/4 "	7/8 " "
2200	10-12-15 "	" iron " steel "	1/8 x 5/8 "	2 x 3/4 "	2 1/4 x 3/4 "	7/8 " "
2201	10-12-15 "	" " " " "	1/8 x 3/4 "	2 7/8 x 3/4 "	2 1/8 x 3/4 "	7/8 " "



Nos. 211 and 2211 for Windows Opening Out

No.	Size	Material	Rod	Sill Plate	Pivot Plate
211	12, 15 and 18 in.	Cast bronze, wrt. bronze rod	3/8 in. dia.	2 1/4 x 7/8 in.	2 1/4 x 7/8 in.
2211	12, 15 " 18 "	" iron " steel "	3/8 " "	2 1/4 x 7/8 "	2 1/4 x 7/8 "

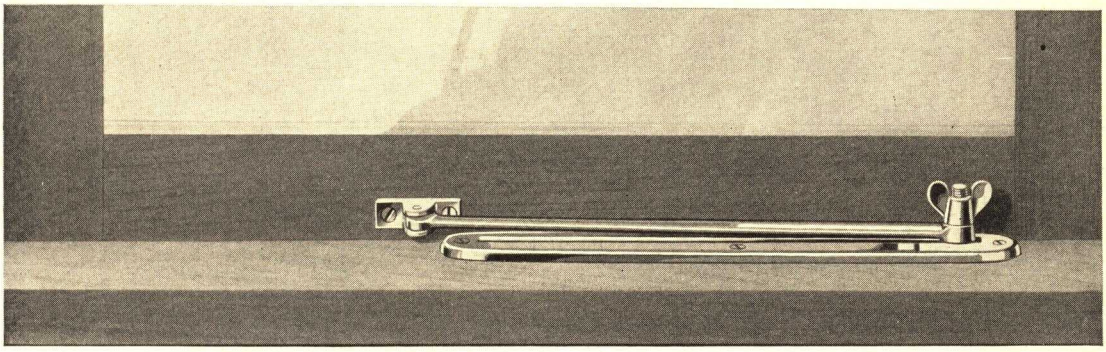


Nos. 246 and 2246 for Windows Opening Out

No.	Size	Material	Rod	Sill Plate	Slot	Pivot Plate
246	8 3/8 in.	Wrought bronze	3/16 x 1/2 in.	8 3/4 x 1 7/16 in.	7 1/4 in.	3/4 x 1 3/8 in.
2246	8 3/8 "	" steel	3/16 x 1/2 "	8 3/4 x 1 7/16 "	7 1/4 "	3/4 x 1 3/8 "

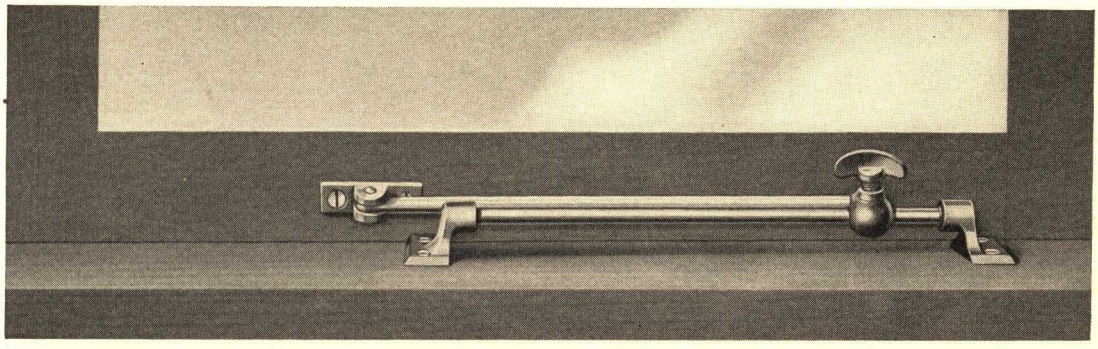
Packed: 1/2 doz. in a box, with screws.
It is advisable that adjusters be applied as shown in illustrations. The length of rod (or bar) should be about two-thirds the width of window.
When ordering, give list number, length of rod, and finish. For finishes, see page XXV.

CASEMENT WINDOW ADJUSTERS



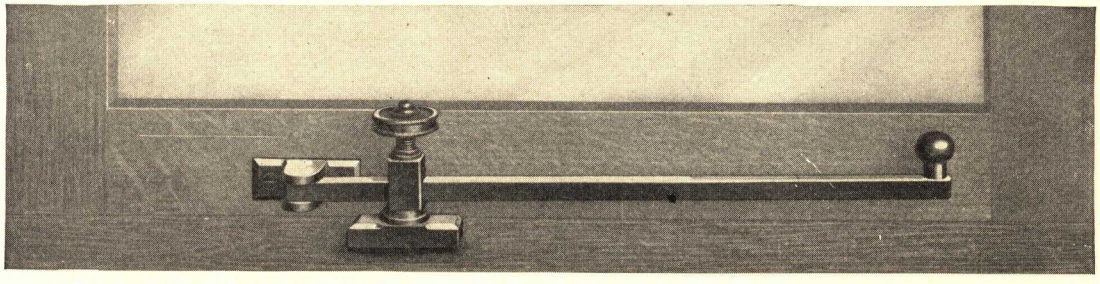
Nos. 240 and 2245 for Windows Opening Out

No.	Size	Material	Rod	Sill Plate	Pivot Plate
240	7½, 12 and 15 in.	Cast bronze	¼ x ⅜ in.	1¼ in. wide	½ x 1¼ in.
2245	8 " 10 "	" iron	¼ x ½ "	1½ " "	½ x 1⅝ "



Nos. 247 and 2247 for Windows Opening Out

No.	Size	Material	Rod	Sill Plate	Pivot Plate
247	9¼ and 12 in.	Cast bronze, wrt. bronze rod	5/16 in. dia.	¾ x 1⅜ in.	⅝ x 1⅞ in.
2247	9¼ " 12 "	" iron, " steel "	5/16 " "	¾ x 1⅜ "	⅝ x 1⅞ "

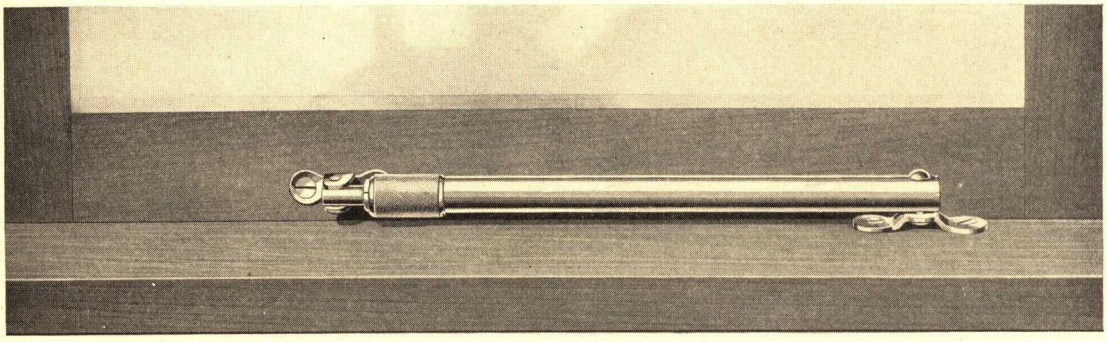


No. 216 for Windows Opening Out

No.	Size	Material	Rod	Sill Plate	Pivot Plate
216	12, 15 and 18 in.	Cast bronze	⅜ x 7/16 in.	4 1/16 x 1⅛ x 2⅛ x 1⅜ in.	⅞ x 2¾ in.

Packed: ½ doz. in a box, with screws.
It is advisable that adjusters be applied as shown in illustrations. The length of rod (or bar) should be about two-thirds the width of window.
When ordering, give list number, length of rod, and finish. For finishes, see page XXV.

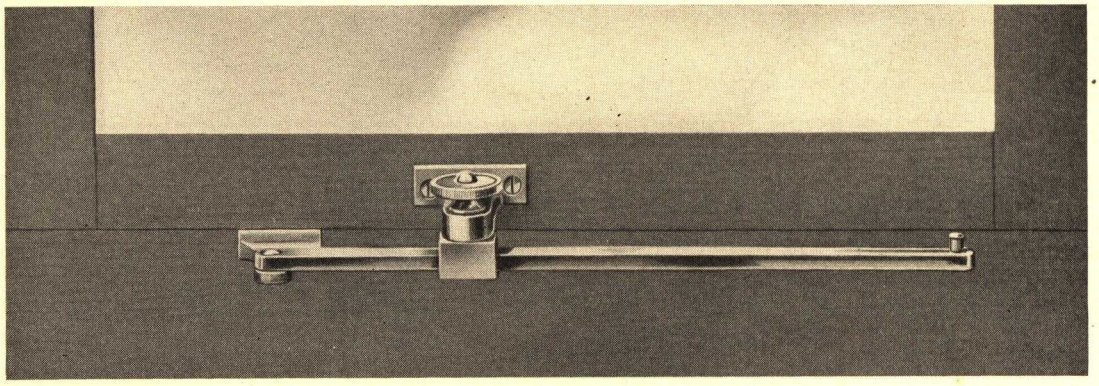
CASEMENT WINDOW ADJUSTERS



No. 206 for Windows Opening Out
No. 207 for Windows Opening In

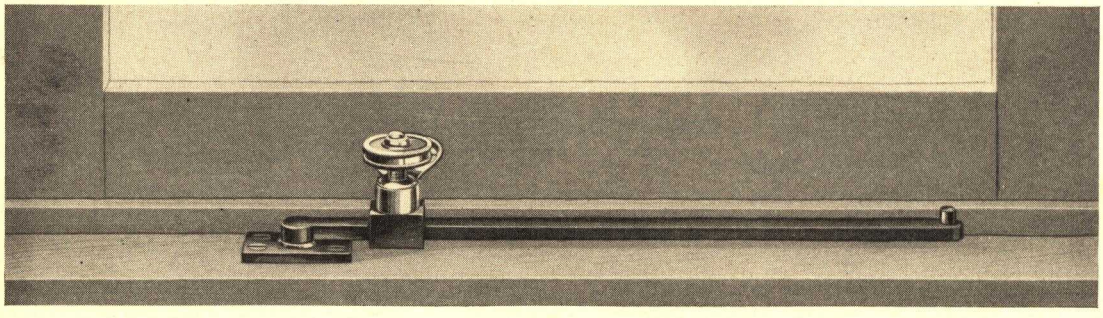
No.	Size†	Material	Rod	Tube	Sill Plate	Pivot Plate	Clearance
206	8¼, 10 and 12 in.	Wrought brass	⅜ in. dia.	⅝ in. dia.	2¼ x ¾ in.	⅝ x 2 in.	⅜ in.
207	10 " 12 "	" "	⅜ " "	⅝ " "	2¼ x ¾ "	⅝ x 2 "	⅜ "

†Length C. to C. of brackets.



No. 231 for Windows Opening In

No.	Size	Material	Rod	Sill Plate	Pivot Plate
231	12, 15 and 18 in.	Cast bronze*	¼ x ½ in.	3¾ x ¾ in.	¾ x 2 in.



No. 236 for Windows Opening In

No.	Size	Material	Rod	Sill Plate	Pivot Plate
236	12, 15 and 18 in.	Cast bronze*	5/16 x ½ in.	1 x 2 in.	1 x 1½ in.

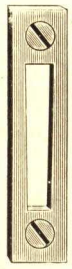
*Not furnished in FX80 finish.
Packed: ½ doz. in a box, with screws.
It is advisable that adjusters be applied as shown in illustrations. The length of rod (or bar) should be about two-thirds the width of window.
When ordering, give list number, length of rod, and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

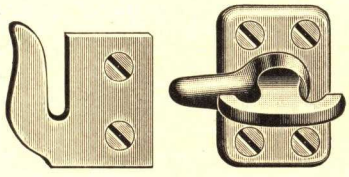
CASEMENT WINDOW FASTENERS



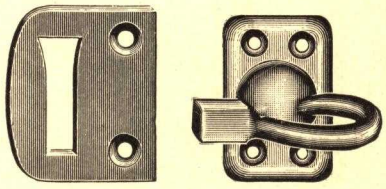
Surface Strike



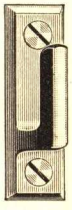
Mortise Strike



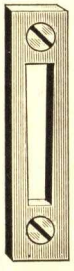
Nos. 1065 and 2065 with rim strike
Nos. 1065½ and 2065½ with mortise strike
Nos. 1065¾ and 2065¾ with surface strike



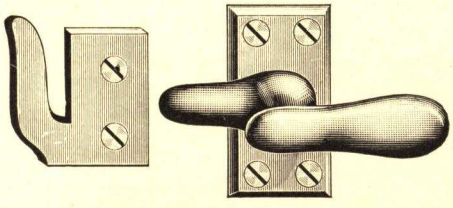
Nos. 1061 and 2061 with rim strike
Nos. 1061½ and 2061½ with mortise strike



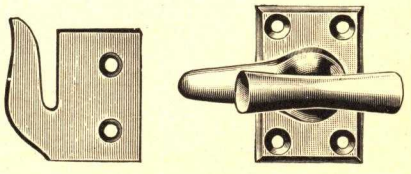
Surface Strike



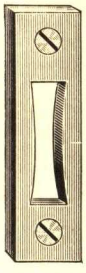
Mortise Strike



Nos. 1067 and 2067 with rim strike
Nos. 1067½ and 2067½ with mortise strike
Nos. 1067¾ and 2067¾ with surface strike



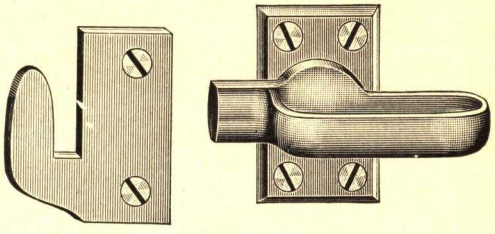
Nos. 1066 and 2066 with rim strike
Nos. 1066½ and 2066½ with mortise strike
Nos. 1066¾ and 2066¾ with surface strike



Mortise Strike



Nos. 1062 and 2062 with rim strike
Nos. 1062½ and 2062½ with mortise strike



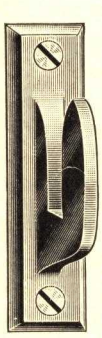
Nos. 1086 and 2086 with rim strike
Nos. 1086½ and 2086½ with mortise strike
Nos. 1086¾ and 2086¾ with surface strike

Rim Strike No.	Rim Strike Size	Mortise Strike No.	Mortise Strike Size	Surface Strike No.	Surface Strike Size		Material	Base	Projection
1061	1 11/16 x 1 11/16 in.	1061½	2 3/8 x 7/8 in.	.....	.....		*Cast bronze	1¾ x 1⅛ in.	1⅛ in.
1062	2 5/8 x 1 5/8 "	1062½	2 3/8 x 7/8 "	.....	.....		" "	2 3/8 x 7/8 "	1⅛ "
1065	1 3/8 x 1 7/16 "	1065½	2 5/8 x 9/16 "	1065¾	1¾ x 9/16 in.	*	" "	1¾ x 1⅛ "	1 3/16 "
1066	1 3/8 x 1 7/16 "	1066½	2 5/8 x 9/16 "	1066¾	2 1/16 x 9/16 "		" "	2 1/16 x 1⅛ "	1 9/16 "
1067	1 3/8 x 1 7/16 "	1067½	2 5/8 x 9/16 "	1067¾	2 1/16 x 9/16 "		" "	2 1/16 x 1⅛ "	1½ "
1086	2 5/8 x 1 5/8 "	1086½	3 x 7/8 "	1086¾	2⅞ x ¾ "		" "	2 x 1¼ "	1 9/16 "
2061	1 11/16 x 1 11/16 "	2061½	2 3/8 x 7/8 "	.....	.....	*	" iron	1¾ x 1⅛ "	1⅛ "
2062	2 5/8 x 1 5/8 "	2062½	2 3/8 x 7/8 "	.....	.....		" "	2 3/8 x 7/8 "	1⅛ "
2065	1 3/8 x 1 7/16 "	2065½	2 5/8 x 9/16 "	2065¾	1¾ x 9/16 "	*	" "	1¾ x 1⅛ "	1 3/16 "
2066	1 3/8 x 1 7/16 "	2066½	2 5/8 x 9/16 "	2066¾	2 1/16 x 9/16 "		" "	2 1/16 x 1⅛ "	1 9/16 "
2067	1 3/8 x 1 7/16 "	2067½	2 5/8 x 9/16 "	2067¾	2 1/16 x 9/16 "		" "	2 1/16 x 1⅛ "	1½ "
2086	2 5/8 x 1 5/8 "	2086½	3 x 7/8 "	2086¾	2⅞ x ¾ "		" "	2 x 1¼ "	1 9/16 "

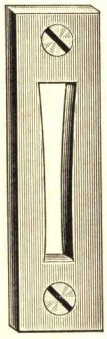
*Wrought base.
Packed: 1 doz. in a box, with screws.
When ordering, give list number and finish. For finishes, see page XXV.

CASEMENT WINDOW FASTENERS

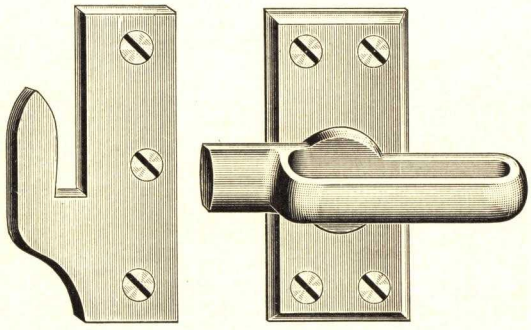
CUTS ONE-HALF SIZE



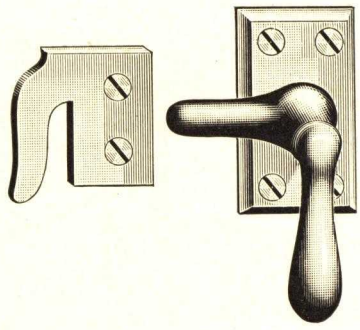
Surface Strike



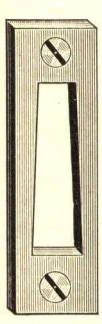
Mortise Strike



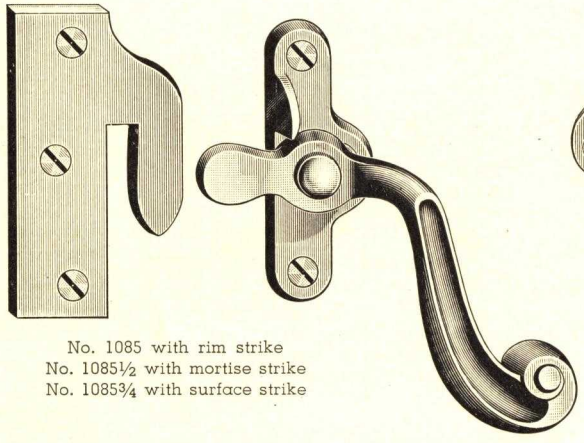
No. 1082 with rim strike
No. 1082½ with mortise strike
No. 1082¾ with surface strike



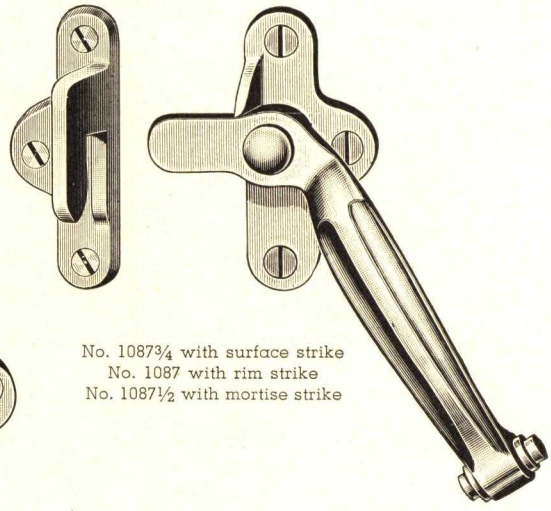
Nos. 1063 and 2063 with rim strike
Nos. 1063½ and 2063½ with mortise strike
Nos. 1063¾ and 2063¾ with surface strike
Not reversible, specify hand
Cut shows right hand



Mortise Strike



No. 1085 with rim strike
No. 1085½ with mortise strike
No. 1085¾ with surface strike



No. 1087¾ with surface strike
No. 1087 with rim strike
No. 1087½ with mortise strike

Nos. 1085 and 1087 series are not reversible, specify hand. Cuts show right hand.
The strikes supplied with the Nos. 1085 and 1087 series are the same.

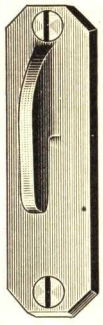
Rim Strike No.	Rim Strike Size	Mortise Strike No.	Mortise Strike Size	Surface Strike No.	Surface Strike Size	Material	Base	Projection
1063	1⅜ x 1 7/16 in.	**1063½**	2⅝ x 9/16 in.	**1063¾**	2 1/16 x 9/16 in.	Cast bronze	2⅛ x 1⅛ in.	1½ in.
1082	3 x 1¾ "	**1082½**	3 x ⅞ "	**1082¾**	3 x ¾ "	" "	3 x 1⅜ "	1½ "
1085	3 x 1¾ "	**1085½**	3 x ⅞ "	**1085¾**	2⅞ x 1¼ "	" "	2⅞ x 1¼ "	1⅞ "
1087	3 x 1¾ "	**1087½**	3 x ⅞ "	**1087¾**	2⅞ x 1¼ "	" "	2⅞ x 1¼ "	1⅜ "
2063	1⅜ x 1 7/16 "	**2063½**	2⅝ x 9/16 "	**2063¾**	2 1/16 x 9/16 "	" iron	2⅛ x 1⅛ "	1½ "

Packed: ½ doz. in a box, with screws.

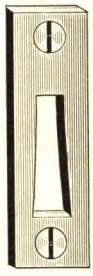
When ordering, give list number, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

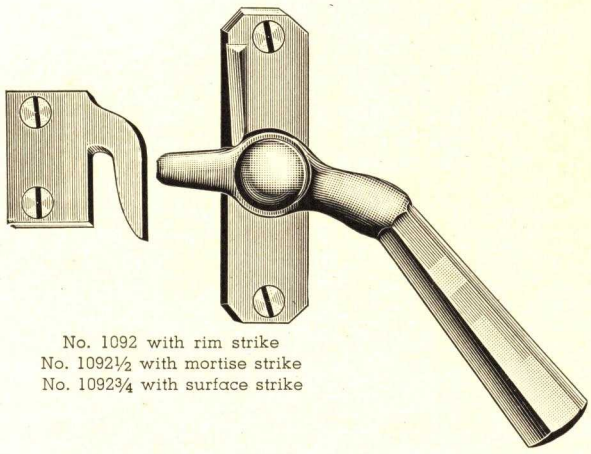
CASEMENT WINDOW FASTENERS



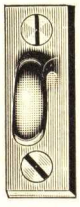
Surface Strike



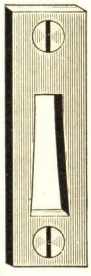
Mortise Strike



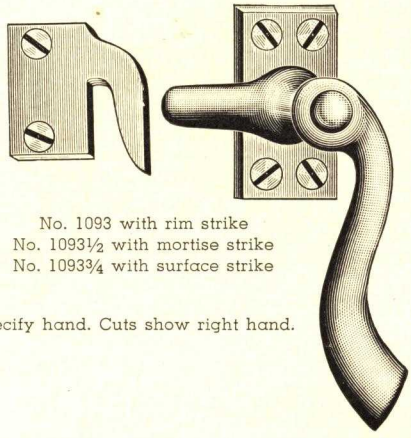
No. 1092 with rim strike
No. 1092½ with mortise strike
No. 1092¾ with surface strike



Surface Strike



Mortise Strike



No. 1093 with rim strike
No. 1093½ with mortise strike
No. 1093¾ with surface strike

Nos. 1092 and 1093 series are not reversible, specify hand. Cuts show right hand.

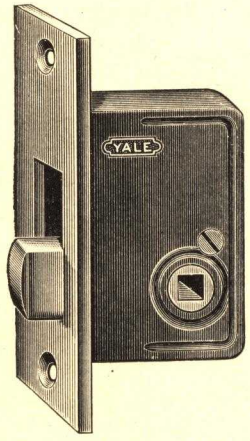
Rim Strike No.	Rim Strike Size	Mortise Strike No.	Mortise Strike Size	Surface Strike No.	Surface Strike Size	Material	Base	Projection
1092	1⅜ x 1 7/16 in.	**1092½**	2⅝ x ¾ in.	**1092¾**	3¼ x ⅞ in.	Cast bronze	3¼ x ⅞ in.	2½ in.
1093	1⅜ x 1 7/16 "	**1093½**	2⅝ x ¾ "	**1093¾**	2 x 1 1/16 "	" "	2 x 1⅛ "	1⅜ "

Packed: ½ doz. in a box, with screws.

When ordering, give list number, hand and finish. For finishes, see page XXV.

MORTISE CASEMENT WINDOW FASTENERS

CUTS ONE-HALF SIZE



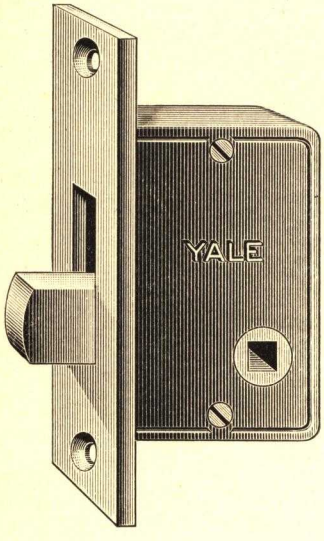
No. 1113

No. 1111 Series

Bronze front, bolt, strike and 1/4 in. hub.
Japanned iron case, size as below.
Flat cast front, for doors of either hand.
Rabbeted cast front, 1/2 in. rabbet. Specify hand.
Operation from one side only.

No.		Front	Case	Backset
1111	Flat,	4 x 1 in.	2 1/2 x 1 1/4 x 5/8 in.	3/4 in.
1113	"	4 x 1 "	2 1/2 x 1 7/16 x 5/8 "	1 "
1115	"	4 1/8 x 1 "	2 5/8 x 1 5/8 x 5/8 "	1 1/4 "
1117	"	4 1/2 x 1 "	3 x 2 x 5/8 "	1 1/2 "
1119	"	4 7/8 x 1 "	3 1/4 x 2 7/16 x 5/8 "	2 "
1111 1/2	Rabbeted,	4 1/4 x 1 "	2 7/8 x 1 3/16 x 5/8 "	3/4 "
1113 1/2	"	4 1/4 x 1 "	2 7/8 x 1 3/8 x 5/8 "	1 "
1115 1/2	"	4 1/2 x 1 "	3 3/16 x 1 5/8 x 5/8 "	1 1/4 "

Packed: 1/2 doz. in a box, with screws.



No. 1131

No. 1131 Series

Bronze front, bolt, strike and 5/16 in. hub.
Japanned iron case, size as below.
Flat cast front, for doors of either hand.
Rabbeted cast front, 1/2 in. rabbet. Specify hand.
Operation from one side only.

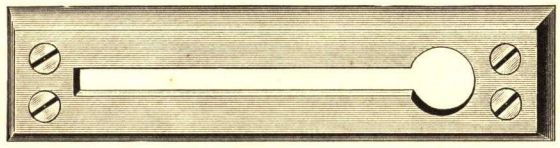
No.		Front	Case	Backset
1131	Flat,	5 x 1 in.	3 1/4 x 1 3/4 x 3/4 in.	1 1/4 in.
1134	"	5 1/4 x 1 5/16 "	3 1/2 x 2 5/8 x 3/4 "	2 "
1137	"	6 1/8 x 1 "	4 1/4 x 3 5/16 x 3/4 "	2 3/4 "
1131 1/2	Rabbeted,	5 1/2 x 1 1/16 "	3 1/16 x 1 3/4 x 3/4 "	1 1/4 "
1134 1/2	"	5 7/8 x 1 1/16 "	3 7/8 x 2 1/2 x 3/4 "	2 "

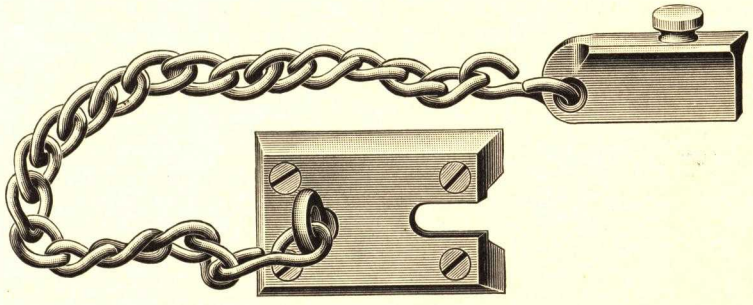
Packed: 1/2 doz. in a box, with screws.

When ordering, give list number, hand when necessary, details of trim if wanted and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

CHAIN DOOR FASTENERS

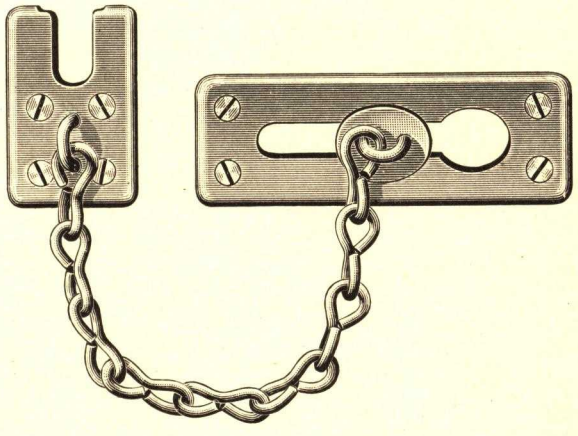




Cast Bronze, Brass or Iron
With 9 In. Chain

No.	Material	Plate	Guard
125	Cast bronze	1⅜ x 5⅞ in.	1⅜ x 2 in.
2125	" iron	1⅜ x 5¾ "	1⅜ x 2 "

Packed: ½ doz. in a box, with screws.



Wrought Bronze, Brass or Steel
With 7½ In. Chain

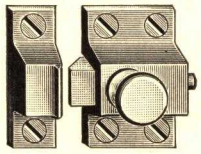
No.	Material	Plate	Guard
D121	Wrought bronze	1⅜ x 4 in.	2⅛ x 1⅜ in.
B2121	" steel	1⅜ x 4 "	2⅛ x 1⅜ "

Packed: 1 doz. in a box, with screws.

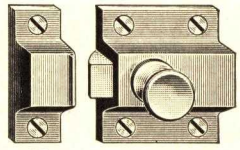
When ordering, give list number and finish. For finishes, see page XXV.

CUPBOARD CATCHES AND TURNS

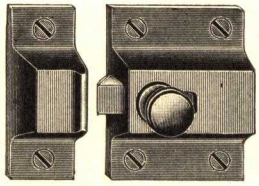
CUTS ONE-HALF SIZE



Nos. 351 and 2351



Nos. 355 and 2355

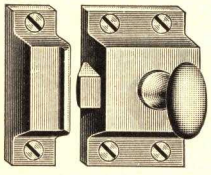


Nos. 352 and 2352

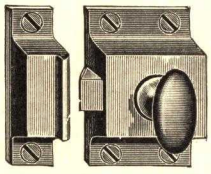
Cast Bronze and Cast Iron Cupboard Catches

No.	Material	Case	Strike
351	Cast bronze	1⅜ x 1 in.	1⅜ x 7/16 in.
352	" "	1¾ x 1½ "	1¾ x ⅝ "
355	" "	1⅜ x 1¼ "	1⅜ x ½ "
2351	" iron	1⅜ x 1 "	1⅜ x 7/16 "
2352	" "	1¾ x 1½ "	1¾ x ⅝ "
2355	" "	1⅜ x 1¼ "	1⅜ x ½ "

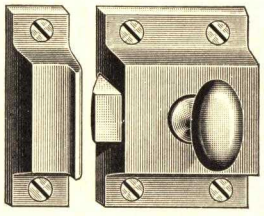
Packed: 1 doz. in a box, with screws.



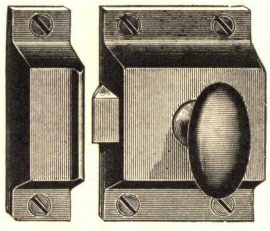
Nos. 313 and 2313



Nos. 310 and 2310



Nos. 314 and 2314

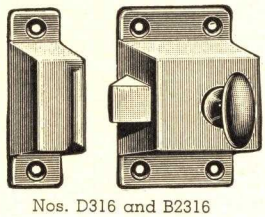


Nos. 312 and 2312

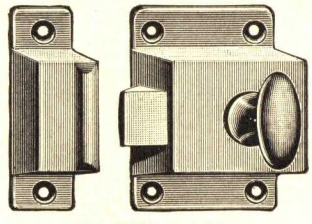
Cast Bronze and Cast Iron Cupboard Turns

No.	Material	Case	Strike
310	Cast bronze	1¾ x 1⅛ in.	1¾ x ½ in.
312	" "	2¼ x 1⅝ "	2¼ x ⅝ "
313	" "	1⅞ x 1 3/16 "	1⅞ x 7/16 "
314	" "	2⅛ x 1⅝ "	2⅛ x ⅝ "
2310	" iron	1¾ x 1⅛ "	1¾ x ½ "
2312	" "	2¼ x 1⅝ "	2¼ x ⅝ "
2313	" "	1⅞ x 1 3/16 "	1⅞ x 7/16 "
2314	" "	2⅛ x 1⅝ "	2⅛ x ⅝ "

Packed: 1 doz. in a box, with screws.



Nos. D316 and B2316



Nos. D317 and B2317

Wrought Bronze and Wrought Steel Cupboard Turns

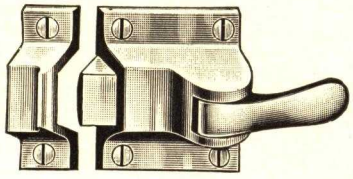
No.	Material	Case	Strike
D316	Wrt. bronze	1⅞ x 1 3/16 in.	1⅞ x 9/16 in.
D317	" "	2⅛ x 1 7/16 "	2⅛ x ⅝ "
B2316	" steel	1⅞ x 1 3/16 "	1⅞ x 9/16 "
B2317	" "	2⅛ x 1 7/16 "	2⅛ x ⅝ "

Packed: 1 doz. in a box, with screws.

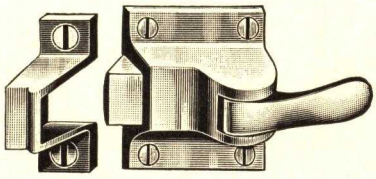
When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

CUPBOARD CATCHES, ETC.



No. 334

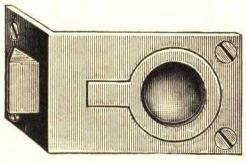


No. 335

Cupboard Catches
Refrigerator Type

No.	Material	Case
334	Cast bronze	1⅝ x 1 7/16 in.
335	" "	1⅝ x 1 7/16 "

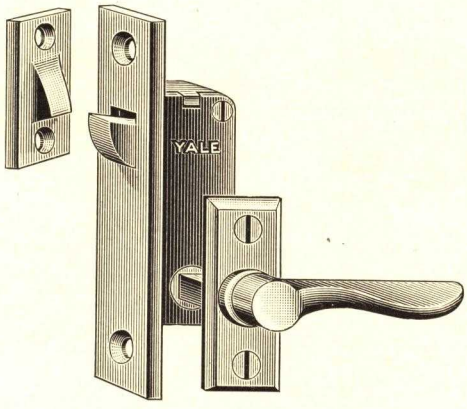
Packed: 1 doz. in a box, with screws.



No. 344 Cupboard Catch
Cast Bronze

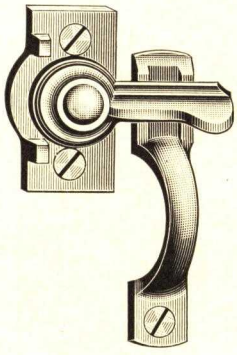
No.	Plate	Mortise Strike
344	1¼ x 2 x ⅞ in.	1¼ x ¾ in.

Packed: 1 doz. in a box, with screws.



No. 378 Grill Catch

Case . . . 2⅜ x ⅞ x ⅝ in. Cast bronze
Front . . 3⅞ x ¾ in. Cast bronze
Spindle . . 5/16 in. steel rod, length as ordered
Rose . . . 2 x ¾ in.
Lever . . . 2 in. sweep

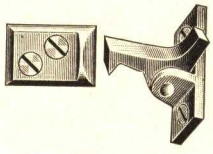


No. 2989

Cellar Window Fastener
Cast Iron, Cadmium Finish

Plate . . 2 x 1 in.
Handle . . 3⅝ x ⅝ "
Lever . . . 2 in.

Packed: 1 doz. in a box, with screws.



Nos. 384 and 2384

Elbow Catches
Cast Bronze and Cast Iron

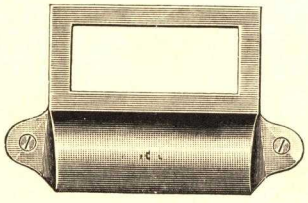
No.	Material	Plate
384	Cast bronze	1¼ x ⅝ in.
2384	" iron	1¼ x ⅝ "

Packed: 3 doz. in a box, with screws.

When ordering, give list number and finish. For finishes, see page XXV.

DRAWER PULLS

CUTS ONE-HALF SIZE

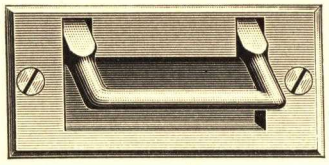


No. GL1040

Cast Bronze or Brass

No.	Size	Opening
GL1040	2 x 3⅛ in.	⅝ x 1¾ in.
GL1041	2 x 4⅛ "	1 1/16 x 2¼ "

Packed: 1 doz. in a box with screws.

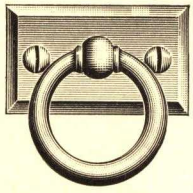


No. GR1082

Cast Bronze or Brass

No.	Size	Cup
GR1082	1½ x 3¼ in.	¾ x 2½ in.

Packed: 1 doz. in a box with screws.

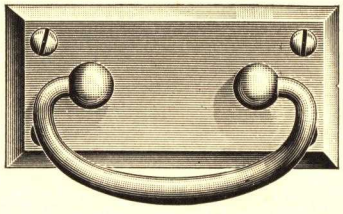


No. DU1094

Wrt. Bronze or Brass

No.	Plate
DU1094	1⅛ x 1 15/16 in.

Packed: 1 doz. in a box, with screws.

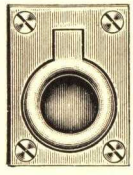


No. DU1099

Wrt. Bronze or Brass

No.	Plate
DU1099	1¾ x 3½ in.

Packed: 1 doz. in a box, with screws.



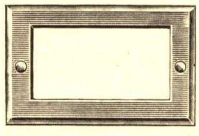
No. GL1010

Cast Bronze or Brass

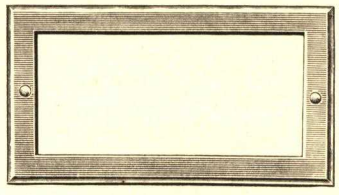
No.	Size
GL1010	1½ x 1⅛ in.
GL1011	1⅝ x 1¼ "

Packed: ½ doz. in a box, with screws.

CARD FRAMES



Nos. 916 and 2916



Nos. 919 and 2919

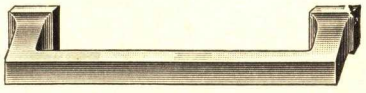
No.	Material	Size	For Card
916	Cast bronze	1¼ x 2 in.	1 x 1¾ in.
917	" "	1⅛ x 2¾ "	1 x 2¼ "
918	" "	1¼ x 3¼ "	1⅛ x 2⅞ "
919	" "	1⅞ x 3½ "	1⅝ x 3 "
2916	" iron	1¼ x 2 "	1 x 1¾ "
2917	" "	1⅛ x 2¾ "	1 x 2¼ "
2918	" "	1¼ x 3¼ "	1⅛ x 2⅞ "
2919	" "	1⅞ x 3½ "	1⅝ x 3 "

Packed: 1 doz. in a box, with 2 escutcheon pins each. Can be furnished with wood screws to special order.

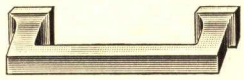
When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

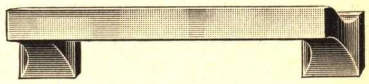
DRAWER PULLS



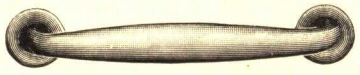
No. G1471 Straight
No. G1471½ Offset



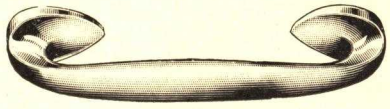
No. G1470 Straight
No. G1470½ Offset



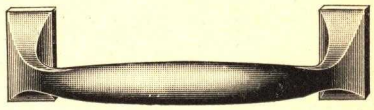
No. G1472½ Offset



No. G1073
Type of Nos. G1072 and G1076



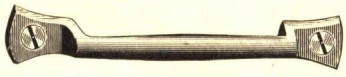
No. G1079



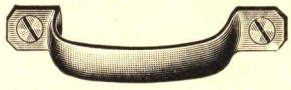
Nos. 1074 and 2074

No.	Type	Material	Over All	Base	Center to Center
G1072	Straight	Cast bronze	5/8 x 3 1/8 in.	5/8 in. dia.	2½ in.
G1073	"	" "	5/8 x 3 5/8 "	5/8 " "	3 "
1074	Offset	" "	7/8 x 4 "	7/8 x ½ in.	3¼ "
G1076	Straight	" "	1 x 4¼ "	1 in. dia.	3¼ "
G1079	"	" "	5/8 x 4 "	5/8 x 1 in.	3½ "
G1470	"	" "	7/16 x 2 3/8 "	7/16 x 7/16 "	2 "
G1470½	Offset	" "	7/16 x 2 3/8 "	7/16 x 7/16 "	2 "
G1471	Straight	" "	½ x 3 5/8 "	½ x ½ "	3¼ "
G1471½	Offset	" "	½ x 4 "	½ x ½ "	3½ "
G1472½	"	" "	5/8 x 3 5/8 "	5/8 x 5/8 "	3 "
2074	"	" iron	7/8 x 4 "	7/8 x ½ "	3¼ "

Packed: 1 doz. in a box with machine screws.



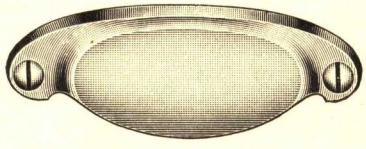
No. GL500



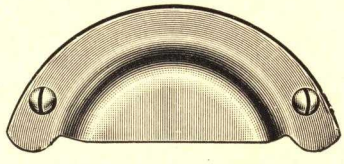
No. G530

No.	Material	Size
GL500	Cast bronze	½ x 3¼ in.
G530	" "	7/16 x 2 7/8 "

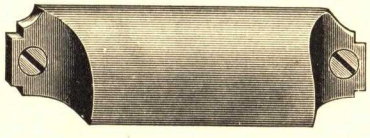
Packed: 1 doz. in a box with screws.



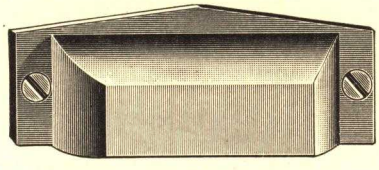
No. DL1022



Nos. D1055 and B1055



No. GL1031
Type of Nos. GL1030 and GL1032



No. GL1063
Type of Nos. GL1061 and GL1062

No.	Material	Size
DL1022	Wrought bronze	1¾ x 3¾ in.
GL1030	Cast "	7/8 x 3¼ "
GL1031	" "	7/8 x 3¾ "
GL1032	" "	7/8 x 4¼ "
B1055	Wrought steel	1½ x 3½ "
D1055	" bronze	1½ x 3½ "
GL1061	Cast "	1¼ x 2 5/8 "
GL1062	" "	1 3/8 x 3¼ "
GL1063	" "	1½ x 3¾ "

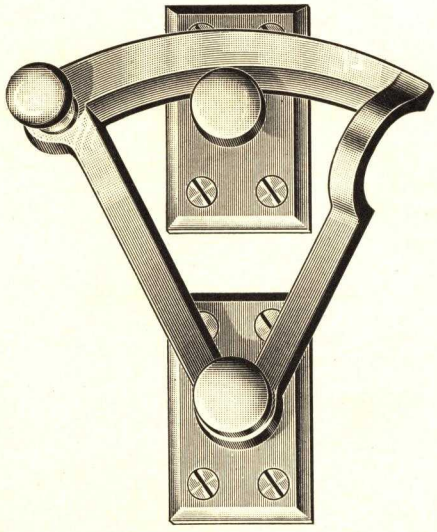
Packed: Wrought, 2 doz. in a box with screws. Cast, 1 doz. in a box with screws.

When ordering, give list number and finish. For finishes, see page XXV.

DUTCH DOOR HARDWARE

CUTS ONE-HALF SIZE

Dutch Door Quadrant



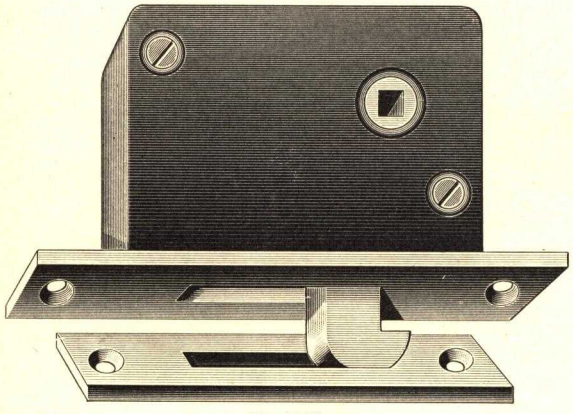
No. 188
Right Hand

Cast Bronze or Brass
Specify hand when ordering.

No.	Height Overall	Plates
188	5½ in.	2⅜ x 1½ in.

Packed: 1/12 doz. in a box, with screws.

Dutch Door Bolt



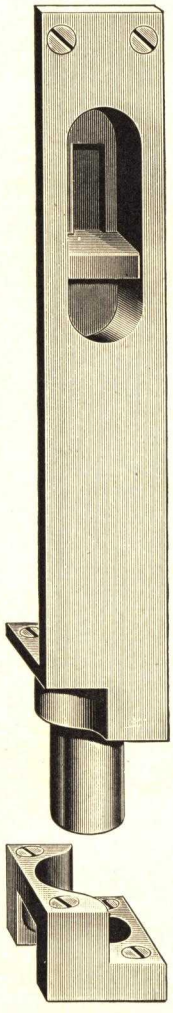
No. 1165
For doors of either hand.

Flat front, 5⅝ x 1 in.
Rabbeted front, 5 x 1 in.; ½ in. rabbet
Bronze front, bolt and strike
Bronze hub for 5/16 in. spindle

No.	Front	Jap. Iron Case	Backset
1165	Flat	2¾ x 3⅝ x ⅝ in.	1⅝ in.
1165½	Rabbeted	2⅝ x 3¼ x ⅝ "	1⅜ "

Packed: 1/12 doz. in a box, with screws.

Dutch Door Bolt



No. 77
Left Hand

Cast Bronze or Brass
Specify hand when ordering
½ inch rabbet

No.	Plate	Lip	Strike
77	7¼ x 1¼ in.	1⅞ in.	1¼ x 2 in.

Packed: 1/12 doz. in a box, with screws.

When ordering, give list number, hand when necessary and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

DRAWER AND SHUTTER KNOBS

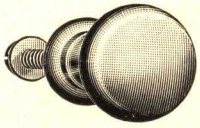
Drawer and Shutter Knobs
Cast Bronze or Brass



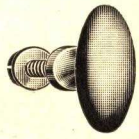
No. H20¾



No. H21¾



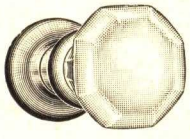
No. H23¼



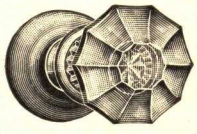
No. H61¼

No. Drawer Knob	No. Shutter Knob	Material	Size
H20¼	H20¾	Cast bronze	¾ in. dia.
H21¼	H21¾	" "	1 " "
H23¼	H23¾	" "	1¼ " "
H61¼	H61¾	" "	1 5/16 x 1 1/16 in.

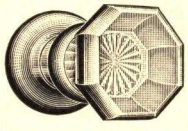
Pressed Glass Drawer Knobs



No. GO226¼



No. GO512¼

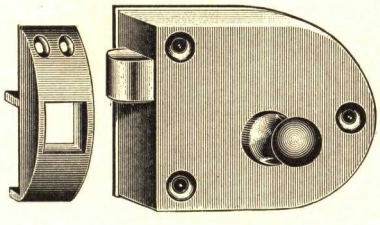


No. GO501¼

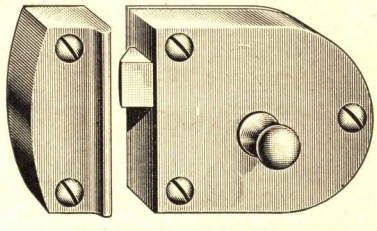
No.	Base and Rose	Glass Top	Size
GO226¼	Cast bronze	Opalescent	1¼ in.
GO501¼	" "	Clear	1¼ "
GO512¼	" "	"	1¼ "

Drawer knobs are attached by machine screws with washers for ⅝ to ⅞ in. wood. Shutter knobs have wood screws projecting ¾ in.
Packed: Metal knobs, 2 doz. in a box. Glass knobs, 1 doz. in a box.

SECRET GATE LATCHES



Nos. 307 and 2307
Double acting



Nos. 309 and 2309
Single acting

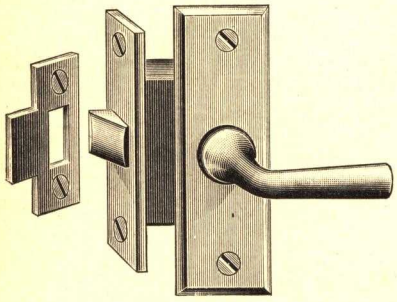
No.	Material	Case
307	Cast bronze	2 x 2¼ x ¾ in.
2307	" iron	2 x 2¼ x ¾ "
309	" bronze	2 x 2¼ x ¾ "
2309	" iron	2 x 2¼ x ¾ "

Packed: ½ doz. in a box with screws.

When ordering, give list number and finish. For finishes, see page XXV.

CABINET AND SCREEN DOOR LATCH SETS

CUTS ONE-HALF SIZE



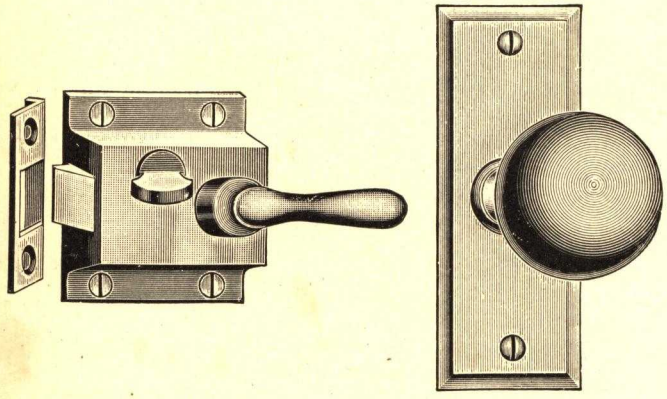
No. 1032

No. 1032 Cabinet Latch Sets

Front . . . Flat, 2½ x 5/8 in.; rabbeted, 2½ x 5/8 in., 3/8 in. rabbet.
Case . . . . 1½ x 1 3/8 x 7/16 in. Japanned iron.
Hub . . . . . Brass, 3/16 in., set on diamond.
Backset . . . 1 in.
Trim . . . . Cast bronze; one plate, 3 x 1 in., and one lever handle, 1½ in., furnished with each set.

No.	Front	Front and Bolt
1032	Flat	Cast bronze
1032½	Rabbeted	" "

Packed: ½ doz. sets in a box, with trim and screws.



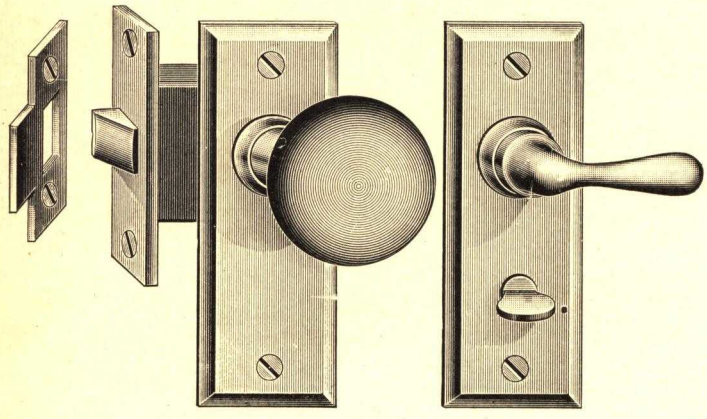
Nos. DU218 and BU218

Nos. DU218 and BU218 Screen Door Sets

Case . . . . 2 3/16 x 1¾ in.
For Doors . . 7/8 to 1 3/8 in. thick. Reverse bevel bolt and wrought angle strike.
Backset . . . 1¼ in.
Trim . . . . Plate, wrought, 4 x 1½ in. Knob, 1¾ in. Lever handle, 2 in.
Operation . By knob from outside, by lever from inside. Latch bolt may be locked by turn knob from inside.

No.	Case	Trim
DU218	Cast bronze	Bronze
BU218	" iron	Steel

Packed: 1 set in a box, with screws.



Nos. DU1021 and BU1021

Nos. DU1021 and BU1021 Screen Door Sets

Front . . . . Flat, 2 5/8 x ¾ in.
Case . . . . 1 3/8 x 1 5/8 in. Japanned iron.
For Doors . . 7/8 to 1 3/8 in. thick.
Backset . . . 1 3/8 in.
Trim . . . . Plates, wrought, 4 x 1½ in. Knob, 1¾ in. Lever handle, 2 in.
Operation . . By knob from outside, by lever from inside. Latch bolt may be locked by turn knob from inside.

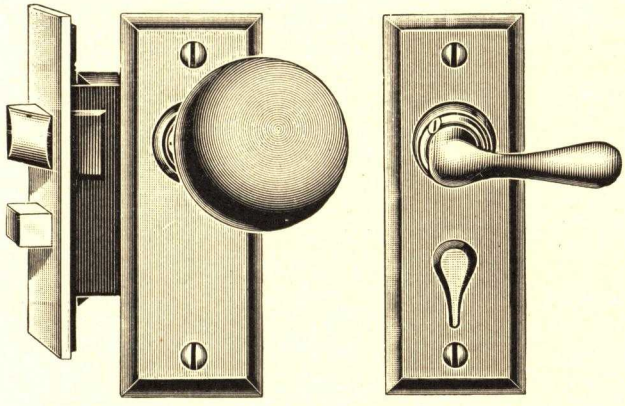
No.	Front	Bolt	Trim
DU1021	Cast bronze	Bronze	Bronze
BU1021	Wrt. steel	"	Steel

Packed: 1 set in a box, with screws.

When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

SCREEN DOOR LATCH SETS



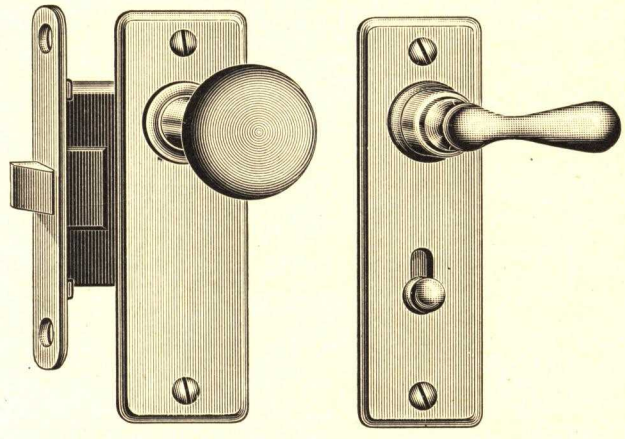
Nos. DU1018 and BU1018

Nos. DU1018 and BU1018
Screen Door Sets

Front . . . Flat, 3 5/8 x 1 1/16 in.
Case . . . 2 1/4 x 1 13/16 x 1/2 in. Japanned iron.
For Doors . 7/8 to 1 3/8 in. thick.
Strike . . Lip to center, 7/8 in.
Hubs . . . 5/16 in. for knob, 3/16 in. for turn knob. Both hubs are set on diamond.
Backset . . 1 5/16 in.
Trim . . . Plates wrought, 4 x 1 1/2 in. Knob, 1 3/4 in. Lever handle, 2 in.
Operation . Latch bolt by knob from outside, by lever from inside. Dead bolt by turn knob from inside.

No.	Front	Bolts	Trim
DU1018	Wrt. bronze	Bronze	Bronze
BU1018	" steel	Iron	Steel

Packed: 1 set in a box, with screws.



No. 1019

No. 1019
Screen Door Set

Front . . . Flat, 3 3/4 x 3/4 in.
Case . . . 2 x 1 3/4 x 3/8 in. Japanned iron.
For Doors . 7/8 to 1 3/8 in. thick.
Strike . . . Lip to center, 7/8 in.
Hub . . . . 5/16 in.
Backset . . 1 1/2 in.
Trim . . . Plates, cast, 4 1/4 x 1 1/4 in. Knob, 1 3/4 in. Lever handle, 1 3/4 in.
Operation . By knob from outside, by lever from inside. Latch bolt may be locked by slide from inside.

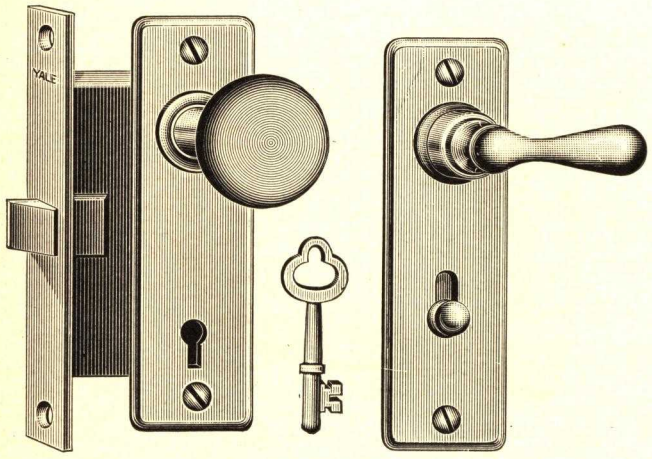
No.	Front	Bolt	Trim
1019	Wrt. bronze	Bronze	Bronze

Packed: 1 set in a box, with screws.

When ordering, give list number and finish. For finishes, see page XXV.

SCREEN DOOR LATCH SETS

CUTS ONE-HALF SIZE



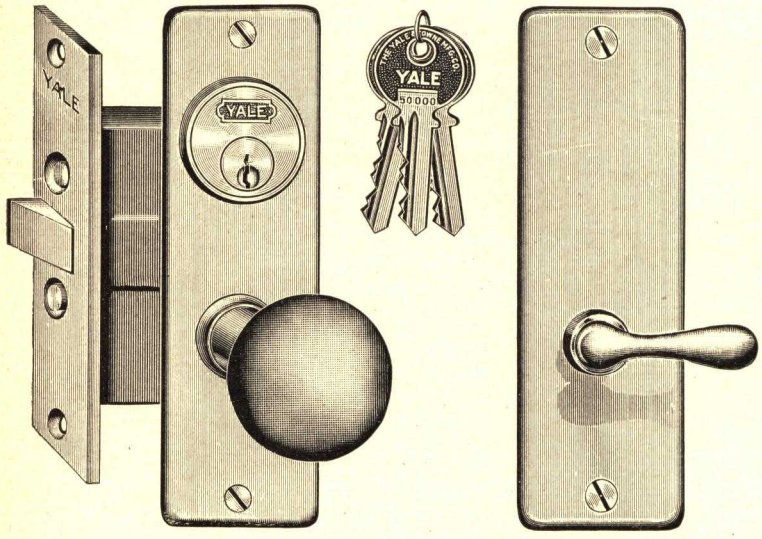
No. 1020

No. 1020
Screen Door Set

Front . . . . Flat, 4¾ x 1 1/16 in.
Case . . . . . 3⅛ x 1⅞ x ½ in. Japanned iron.
For Doors . . ⅞ to 1⅜ in. thick.
Strike . . . . Lip to center, ¾ in.
Hub . . . . . 5/16 in.
Key . . . . . One nickel plated iron, No. 1020.
Backset . . . 1⅛ in.
Trim . . . . . Plates, cast, 4¼ x 1¼ in. Knob, 1¾ in. Lever handle, 1¾ in.
Operation . . By knob from outside, by lever from inside. Latch bolt may be locked by slide from inside, but the key will always unlock from outside.

No.	Front	Bolt	Trim
1020	Cast bronze	Bronze	Bronze

Packed: 1 set in a box, with screws.



Set No. 10226

No. 10226
Screen Door Set
Pin-Tumbler

Front . . . . Flat, 4⅝ x ⅞ in. Rabbeted front to special order.
Case . . . . . 3 x 2¼ x ½ in. Japanned iron.
For Doors . . 1⅛ to 1⅜ in. thick, for doors of either hand.
Strike . . . . Lip to center, 1 in.
Keys . . . . . Three No. 8; changes, 180.
Cylinder . . . Bronze. Three pin-tumblers.
Backset . . . 1⅝ in.
Trim . . . . . Wrought bronze plates, 5½ x 1⅝ in. Knob, 1¾ in Lever handle, 1¾ in.
Operation . . By knob from outside, by lever from inside. Outer knob may be set by stop, but bolt can always be operated by key.

Master-keyed if so desired.

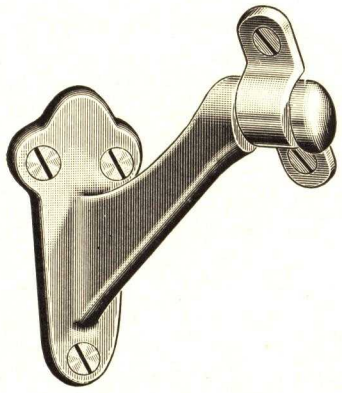
Set No.	Lock No.	Front and Bolt	Trim
10226	763	Bronze	Bronze

Packed: 1 set in a box, with screws.

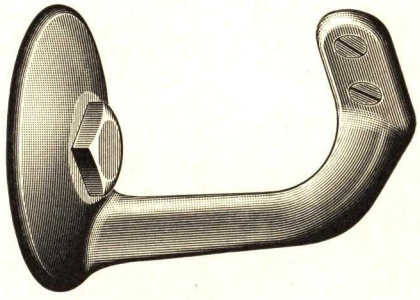
When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

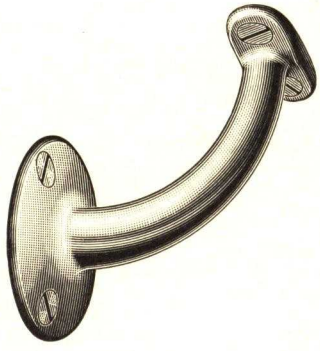
HAND RAIL BRACKETS



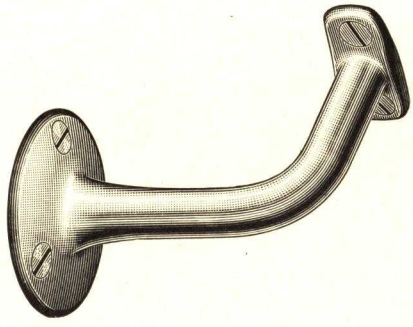
Nos. 922 and 2922



Nos. 923 and 2923 with Lag Screw
Nos. 923½ and 2923½ with Toggle Bolt



Nos. 924 and 2924



Nos. 925 and 2925

No.	Material	Base	*Projection
922	Cast bronze	3 x 1½ in.	2¾ in.
923	" "	3 in. dia.	3⅛ "
923½	" "	3 " "	3⅛ "
924	" "	2¼ " "	2 "
925	" "	2¼ " "	3 "
2922	" iron	3 x 1½ in.	2¾ "
2923	" "	3 in. dia.	3⅛ "
2923½	" "	3 " "	3⅛ "
2924	" "	2¼ " "	2 "
2925	" "	2¼ " "	3 "

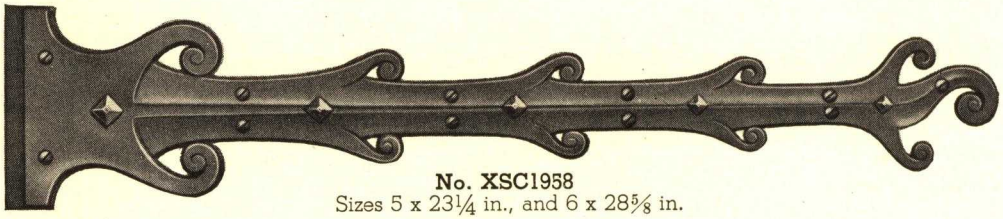
*Projection is from back of base to center of rail support screw holes.
Packed: ½ doz. in a box with screws.
When ordering, give list number and finish. For finishes, see page XXV.

HINGE PLATES

Cast Bronze or Brass



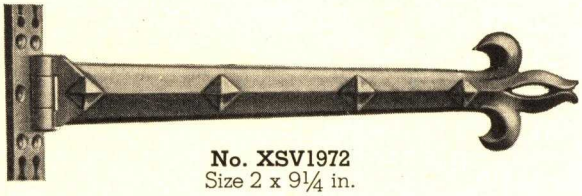
No. XRD1958
Size 7 x 34⅝ in.



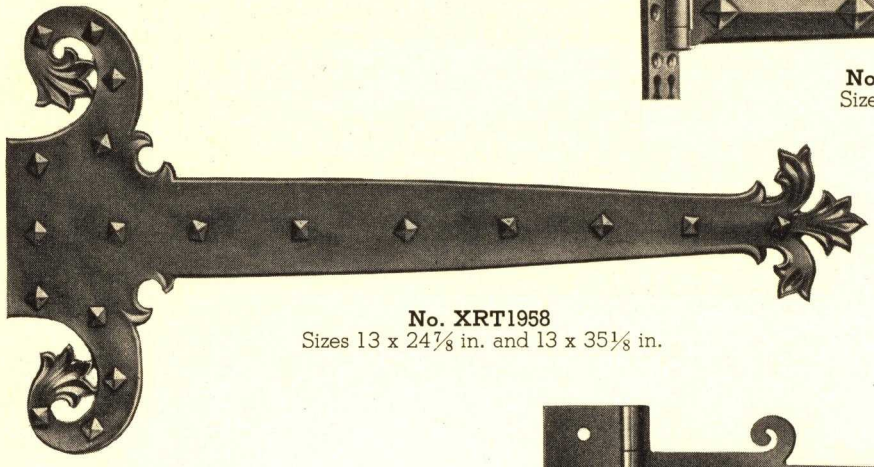
No. XSC1958
Sizes 5 x 23¼ in., and 6 x 28⅝ in.



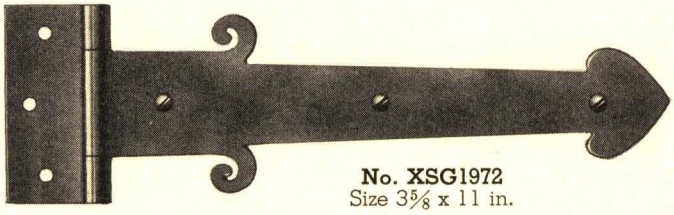
No. XRV1958
Size 7⅛ x 39¼ in.



No. XSV1972
Size 2 x 9¼ in.



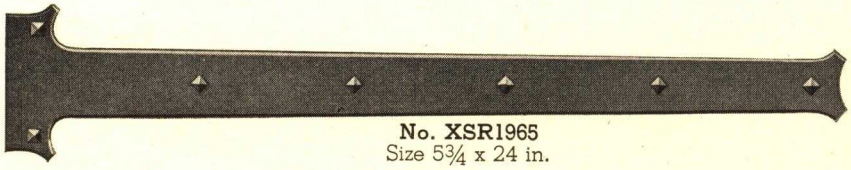
No. XRT1958
Sizes 13 x 24⅞ in. and 13 x 35⅛ in.



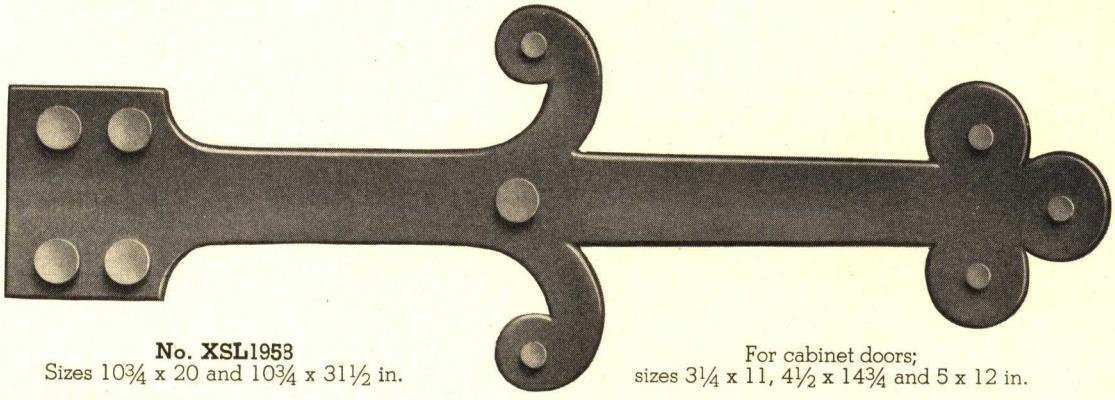
No. XSG1972
Size 3⅝ x 11 in.

HINGE PLATES

Cast Bronze or Brass

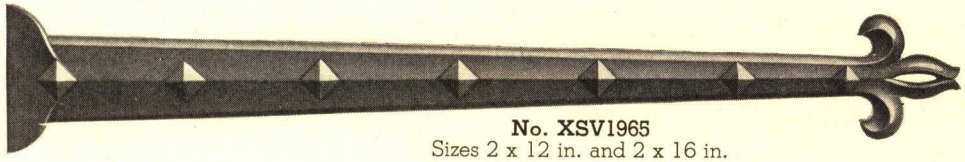


No. XSR1965
Size 5¾ x 24 in.

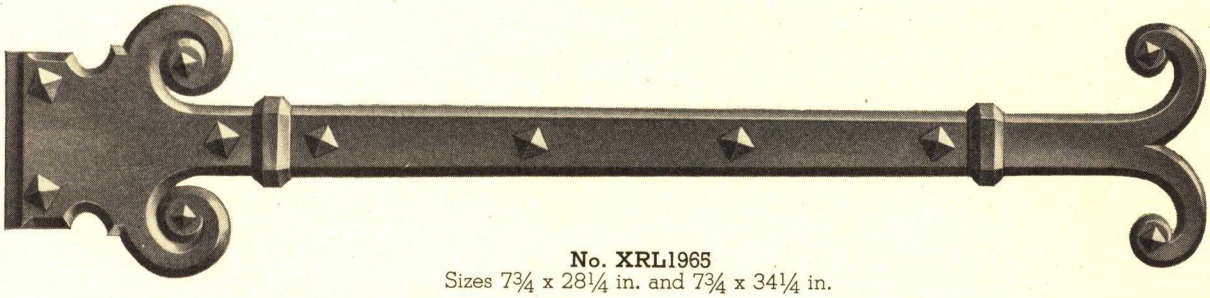


No. XSL1953
Sizes 10¾ x 20 and 10¾ x 31½ in.

For cabinet doors;
sizes 3¼ x 11, 4½ x 14¾ and 5 x 12 in.



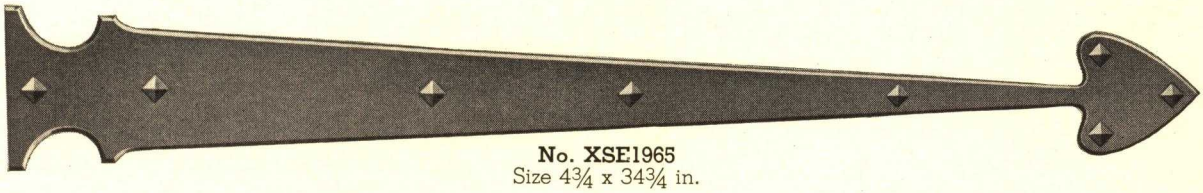
No. XSV1965
Sizes 2 x 12 in. and 2 x 16 in.



No. XRL1965
Sizes 7¾ x 28¼ in. and 7¾ x 34¼ in.



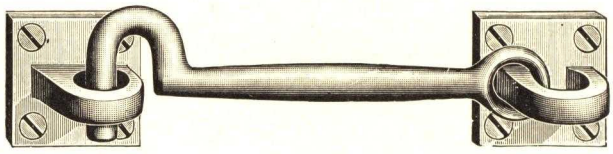
No. XSK1965
Sizes 5¼ x 20, 5¼ x 25¾; 5¼ x 30 and 5¼ x 36 in.



No. XSE1965
Size 4¾ x 34¾ in.

CABIN DOOR HOOKS

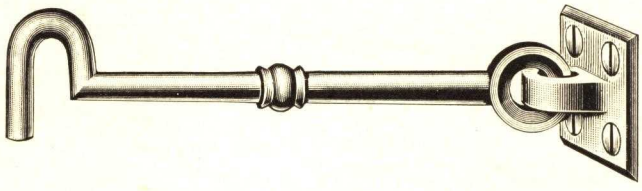
CUTS ONE-HALF SIZE



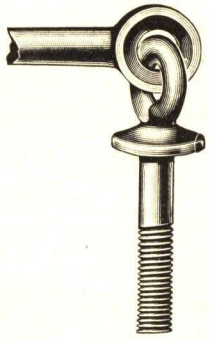
No. 491

No.	Hook Length	Material	Plates
491	3 in.	Cast bronze or brass	1⅜ x 1⅜ in.
491	4 "	" " " "	1⅜ x 1⅜ "
491	5 "	" " " "	1⅜ x 1⅜ "
491	6 "	" " " "	1⅜ x 1⅜ "
491	8 "	" " " "	1⅜ x 1⅜ "
491	10 "	" " " "	1⅜ x 1⅜ "
491	12 "	" " " "	1⅜ x 1⅜ "

Packed: 1 doz. in a box, with screws.



No. 493



No. 492

With Plates

No.	Hook Length	Material	Plates
493	4 in.	Cast bronze or brass	1½ x 1½ in.
493	6 "	" " " "	1½ x 1½ "
493	8 "	" " " "	1½ x 1½ "

Packed: 1 doz. in a box, with screws.

With Threaded Eye Bolt

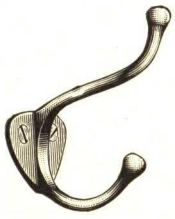
No.	Hook Length	Material	Eye Bolt
492	4 in.	Cast bronze or brass	⅜ x 2⅝ in.
492	6 "	" " " "	⅜ x 2⅝ "
492	8 "	" " " "	⅜ x 2⅝ "

Packed: 1 doz. in a box, with screws and eye bolts.
Length of eye bolt is from under collar.

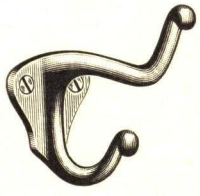
When ordering, give list number, size and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

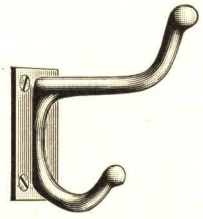
HOOKS
Coat and Hat, Towel, etc.



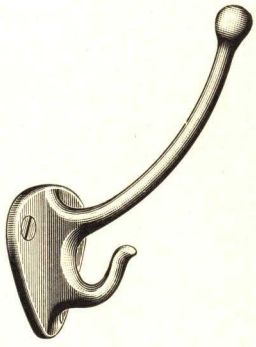
Nos. 413 and 2413



Nos. 416 and 2416



No. 417



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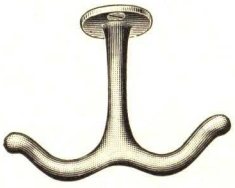
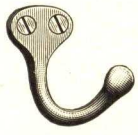
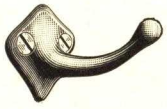


Nos. 403 and 2403



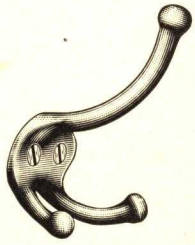
No. 450



No. 452



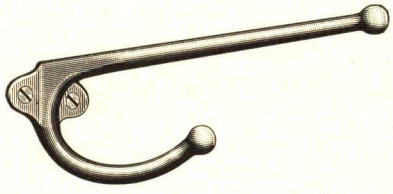
No. 453



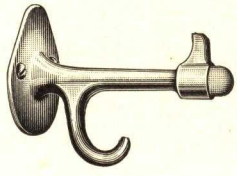
Nos. 423 and 2423



No. 430 Towel hook



No. 433 Towel hook



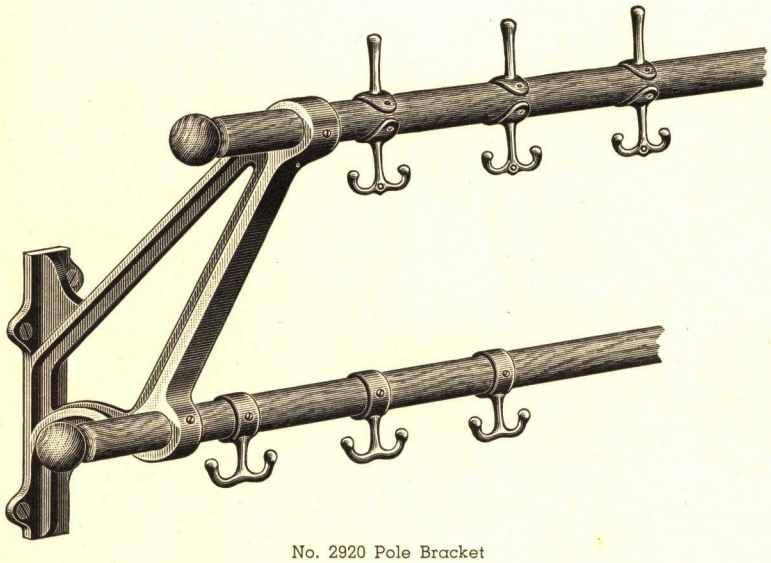
No. 437 Hook and bumper

No.	Type	Material	Base	Projection
403	Ceiling	Cast bronze	1¾ x ⅞ in.	2½ in.
413	Coat and hat	" "	1½ x 1½ "	3 "
416	" " "	" "	1⅝ x 1⅜ "	3⅛ "
417	" " "	" "	2¼ x 1⅛ "	3½ "
419	" " "	" "	2½ x 2 "	4 "
423	" " "	" "	1 x 1⅛ "	2 "
430	Towel	" "	1¼ in. dia.	4½ "
433	"	" "	1 x 1¼ in.	5½ "
437	Hook and bumper	" "	2⅛ x 1¾ "	3¾ "
450	Wardrobe	" "	1¼ in.	2 "
452	Bathroom	" "	1 5/16 x 1 5/16 in.	2 1/16 "
453	Razor strop	" "	1⅝ x 1⅛ "	1⅛ "
2403	Ceiling	" iron	1¾ x ⅞ "	2½ "
2413	Coat and hat	" "	1½ x 1½ "	3 "
2416	" " "	" "	1⅝ x 1⅜ "	3⅛ "
2423	" " "	" "	1 x 1⅛ "	2 "

Packed: Nos. 416 and 2416, 2 doz. in a box; balance, 1 doz. in a box, with screws.

When ordering, give list number and finish. For finishes, see page XXV.

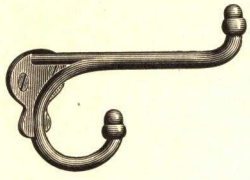
SCHOOL HOUSE HOOKS and POLE BRACKET



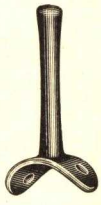
No. 2920 Pole Bracket

No. 2920
Pole Bracket

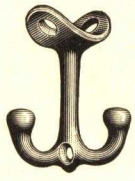
Cast iron, japanned.
For 1½ in. poles.
Base, 10½ x 2½ in.
Base to Center of Poles,
5 in. and 10 in.
Center to center of
poles, 9¼ in.



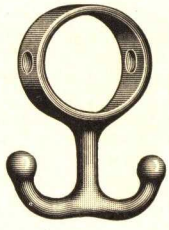
No. 2410



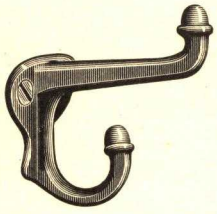
No. 2405



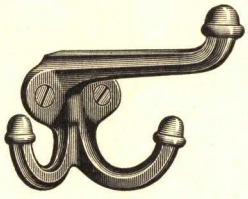
No. 2404



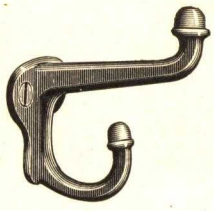
No. 2406



No. 2411



No. 2411½



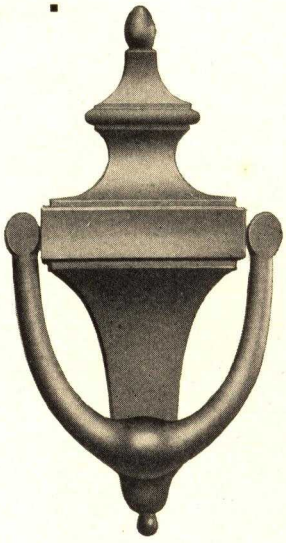
No. 2412

No.		Material	Base	Projection
2404	Double	Cast iron, japanned	1 x 1½ in.	2¼ in.
2405	Single	" " "	1 x 1½ "	2½ "
2406	Double	" " "	2 in. dia.	1⅝ "
2410	Light	" " "	1½ x 1⅜ in.	3½ "
2411	Extra heavy	" " "	2 x 1⅞ "	3⅛ "
2411½	" "	" " "	1½ x 1½ "	3 "
2412	Heavy	" " "	1⅞ x 1⅝ "	3 "

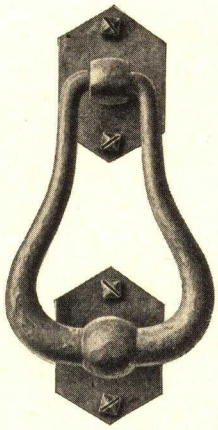
Packed: 2 doz. in a box, with screws.

CUTS ONE-THIRD SIZE

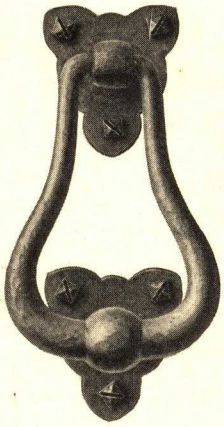
DOOR KNOCKERS



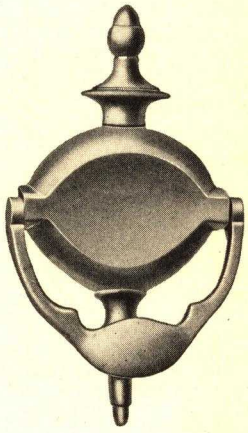
No. XWN1425



No. IC1425 Coronado



No. JN1425 Naco



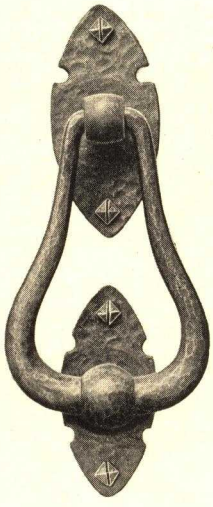
No. XUS1425



No. XJA1423



No. XJB1423



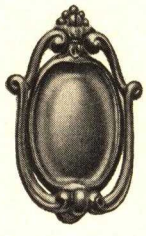
No. PV1425 Verano



No. XJE1423



No. XJG1423



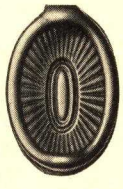
No. XJC1423



No. XJD1423



No. XJH1423



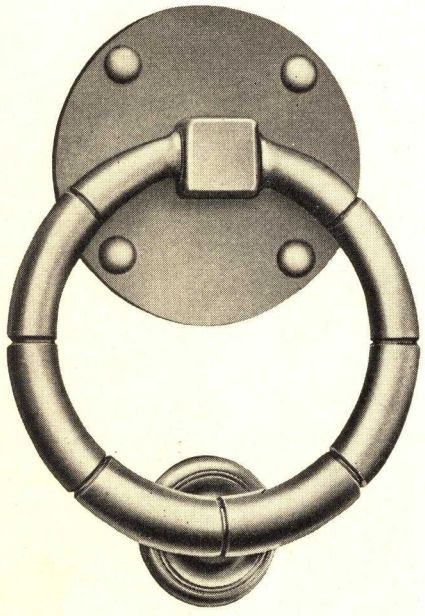
No. HS1423

No.	Material	Over All	Plate	Drop
XWN1425	Cast bronze or brass	8¼ x 4¼ in.	8¼ x 3⅜ in.	4 x 4¼ in.
IC1425	" " " nickeline	6⅝ x 3¼ "	2½ x 1 11/16 "	5 x 3¼ "
JN1425	" " " "	6½ x 3¼ "	2⅜ x 2 1/16 "	5 x 3¼ "
XUS1425	" " " brass	6⅝ x 3⅞ "	6⅝ x 3⅜ "	2⅝ x 3⅞ "
PV1425	" " " nickeline	7½ x 3 3/16 "	3½ x 1¾ "	5 x 3¼ "
XJA1423	" " " brass	4 x 1 11/16 "	4 x 1 5/16 "	2⅛ in.
XJB1423	" " " "	2 15/16 x 3¼ "	2 15/16 x 3¼ "	⅞ "
XJC1423	" " " "	3 7/16 x 2⅛ "	3 7/16 x 1 9/16 "	2⅝ "
XJD1423	" " " "	3 7/16 x 2¼ "	3 7/16 x 2 1/16 "	2 "
XJE1423	" " " "	3¼ x 1⅛ "	1¾ x 1⅛ "	2 "
XJG1423	" " " "	3⅝ x 1 15/16 "	3⅝ x 1⅝ "	2½ "
XJH1423	" " " "	3 5/16 x 2⅛ "	3 5/16 x 1⅞ "	1¼ "
HS1423	" " " "	2⅝ x 1⅞ "	2⅝ x 1⅞ "	2½ x 1⅞ "

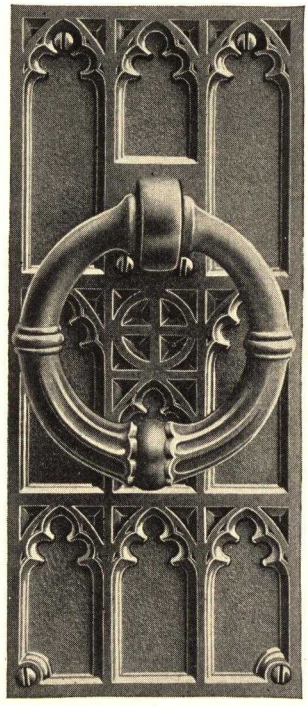
When ordering, give list number and finish. For finishes, see page XXV.

DOOR KNOCKERS

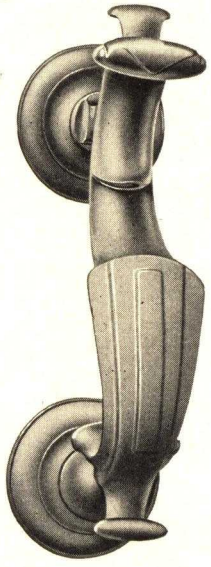
CUTS ONE-THIRD SIZE



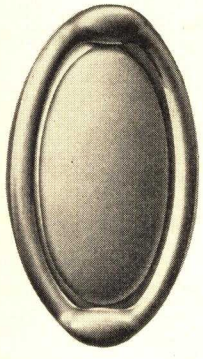
No. OG1425



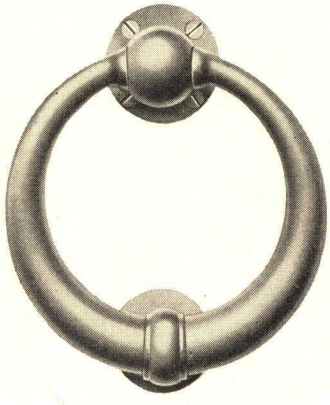
No. TH1425 Hendon



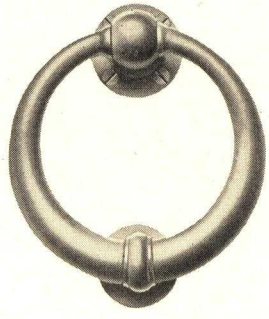
No. SB1425 Braintree



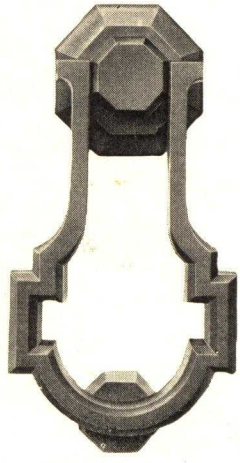
No. HP1425 Piedmont



No. XWP1426



No. XWP1425



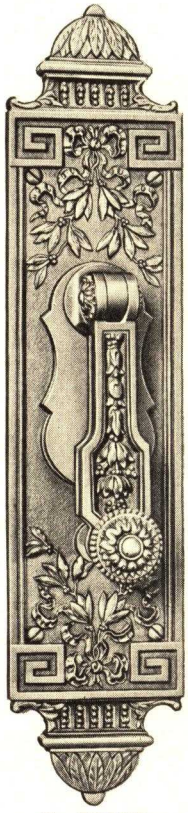
No. KA1425 Alameda

No.	Material	Over All	Plate	Drop
OG1425	Cast bronze or brass	8½ x 6⅝ in.	5 in. dia.	6½ in. dia.
TH1425	" " " "	10⅞ x 4½ "	10⅞ x 4½ in.	4¼ " "
SB1425	" " " "	7¾ x 2⅜ "	2⅜ in. dia.	6½ x 1¾ in.
HP1425	" " " "	5½ x 3 "	5½ x 3 in.	5⅛ x 3 "
XWP1426	" " " "	6 x 5 "	1⅞ and 1⅝ in. dia.	5 in. dia.
XWP1425	" " " "	4⅞ x 4 "	1½ " 1 5/16 " "	4 " "
KA1425	" " " "	6¾ x 3½ "	2⅜ x 2⅜ in.	5¾ x 3½ in.

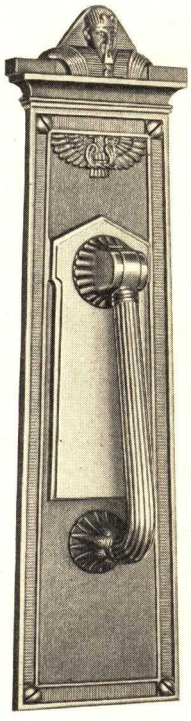
When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

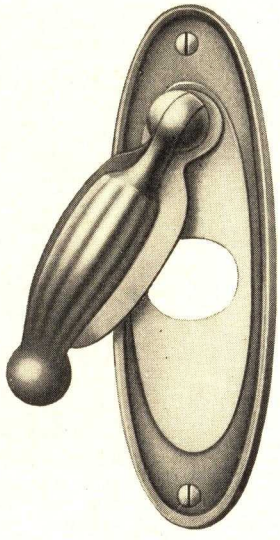
DOOR KNOCKERS



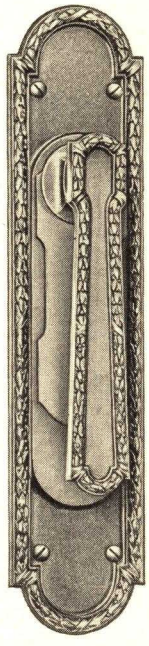
No. NQ1427
Quiberon



No. RK1427
Khartoum



No. PW1427
Weymouth

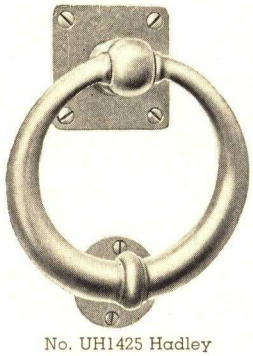


No. TD1427
Drouet

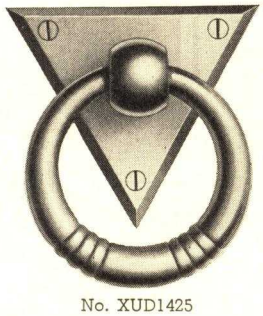


No. PD1427
Dortrecht

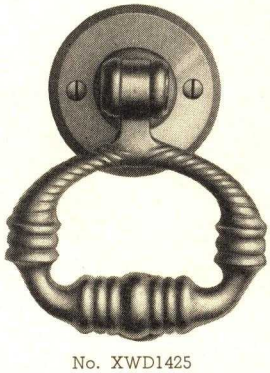
Above Knockers have peephole for lodge rooms, etc.



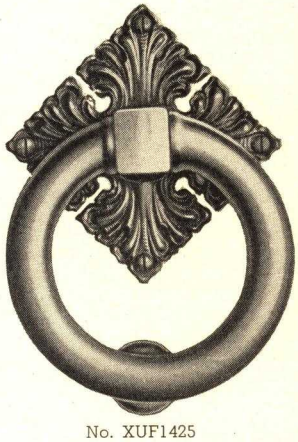
No. UH1425 Hadley



No. XUD1425



No. XWD1425



No. XUF1425

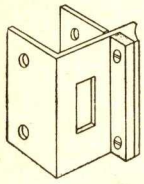
No.	Material	Over All	Plate	Drop
NQ1427	Cast bronze or brass	12½ x 2⅞ in.	12½ x 2⅞ in.	.....
RK1427	" " " "	11 x 3 "	11 x 3 "	.....
PW1427	" " " "	8¼ x 2¾ "	8¼ x 2¾ "	.....
TD1427	" " " "	9⅞ x 2¼ "	9⅞ x 2¼ "	.....
PD1427	" " " "	10⅞ x 3 "	10⅞ x 3 "	.....
UH1425*	" " " "	5 x 4 "	2 x 2 "	4 in. dia.
XUD1425	" " " "	4⅛ x 4 "	4 x 4 "	3⅛ " "
XWD1425	" " " "	5⅜ x 4 "	2¾ in. dia.	3⅞ x 4 in.
XUF1425	" " " "	5⅞ x 4¼ "	4¼ x 4¼ in.	3⅞ in. dia.

*Can be furnished with top plate to match any of our sectional handles.
When ordering, give list number and finish. For finishes, see page XXV.

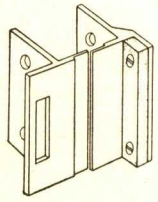
LAVATORY TRIM

Lavatory Bolts

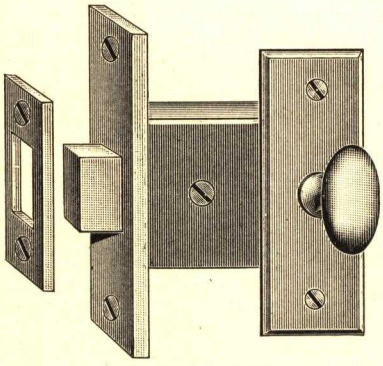
CUTS ONE-HALF SIZE



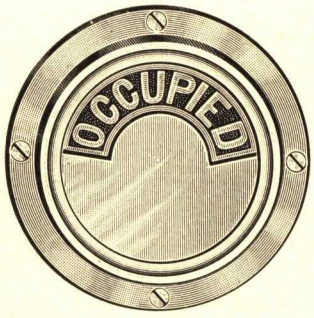
No. 890 strike, cast metal. 2½ in. high, adjustable for 1 1/16 to 1⅜ in. marble. Attached with through bolts.



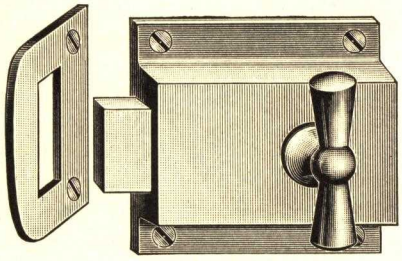
No. 891 strike, cast metal. 2½ in. high, adjustable for 1 1/16 to 1⅜ in. marble. Attached with through bolts.



Nos. 1207 and 1208
(strike for wood)
Nos. 1207 x 890 and 1208 x 890
(strike for marble)



Dial for Nos. 1208 and 1217



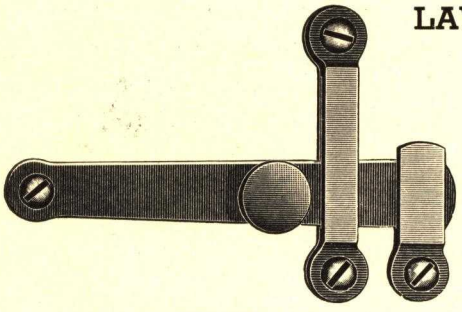
Nos. 1216 and 1217
(strike for wood)
Nos. 1216 x 891 and 1217 x 891
(strike for marble)

Cast Bronze, Brass or Nickeline

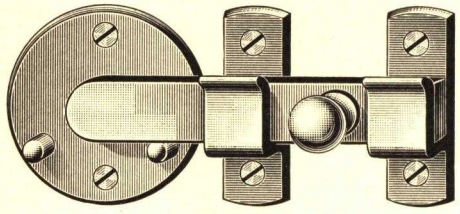
No.	Strike	Case		Front	Backset	Dial	Turn Knob Plate
1208	For wood	Jap'd iron	1½ x 2½ in.	3½ x ¾ in.	1¾ in.	3¼ in.	3 x 1 in.
1208 x 890	" marble	" "	1½ x 2½ "	3½ x ¾ "	1¾ "	3¼ "	3 x 1 "
***1207**	" wood	" "	1½ x 2½ "	3½ x ¾ "	1¾ "	None	3 x 1 "
***1207 x 890**	" marble	" "	1½ x 2½ "	3½ x ¾ "	1¾ "	"	3 x 1 "
1217	" wood	Cast bronze	2⅜ x 2⅝ "	.....	1⅝ "	3¼ in.	.....
1217 x 891	" marble	" "	2⅜ x 2⅝ "	.....	1⅝ "	3¼ "	.....
***1216**	" wood	" "	2⅜ x 2⅝ "	.....	1⅝ "	None	.....
***1216 x 891**	" marble	" "	2⅜ x 2⅝ "	.....	1⅝ "	"	.....

*Nos. 1207 and 1216 are without dial.
Packed: ¼ doz. in a box, with strikes for wood. Each in a box, with strikes for marble.

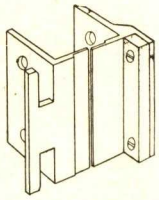
LAVATORY LATCHES



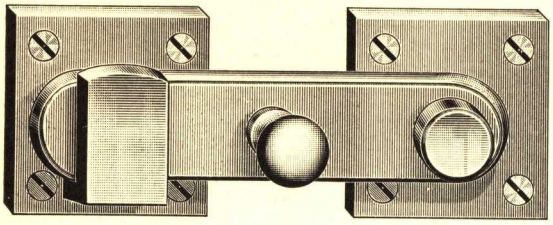
No. 1223



No. 1210



No. 892 strike, cast metal. 2½ in. high, adjustable for 1 1/16 to 1⅜ in. marble. Attached with through bolts.



No. 1224 (strike as above). No. 1224 x 892 strike

Cast Bronze, Brass or Nickeline

No.	Strike	Base	Length of Bar
1210	For wood	2 in. dia.	3⅞ in.
1223	" "	.....	4½ "
1224	" "	2 x 2 in.	5 "
1224 x 892	" marble	2 x 2 "	5 "

Packed: ½ doz. in a box, with strikes for wood. Each in a box, with strikes for marble.

When ordering, give list number, also list number of strike for marble, if wanted, and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

LETTER BOXES

For Club and Office Buildings



Boxes have pin-tumbler locks with three, No. 8, keys. They may be had in finishes to harmonize with other hardware or with the woodwork. Heavy beveled plate glass is used in the front. Boxes may be numbered as desired, to order and at an additional price.

The partitions and roundabout are made of white wood, and the prices cover the fronts and woodwork, but do not include mouldings or panels which should be used to cover the white wood roundabout when the fronts of the boxes are not set in flush with the face of the wall. These mouldings and panels can be furnished with the boxes, if desired, at an additional price, but are generally furnished by the contractor who supplies the balance of the woodwork. The rear of the boxes is closed by a white wood back.

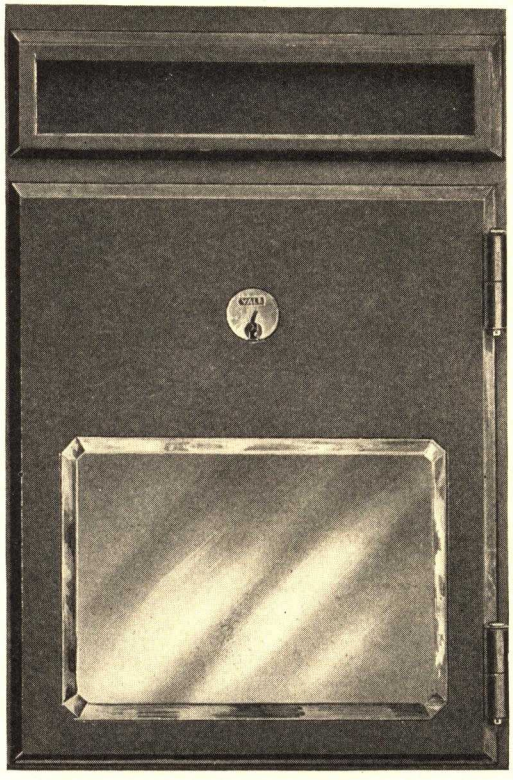
To Estimate

To estimate the space occupied by any number of boxes, proceed as follows:

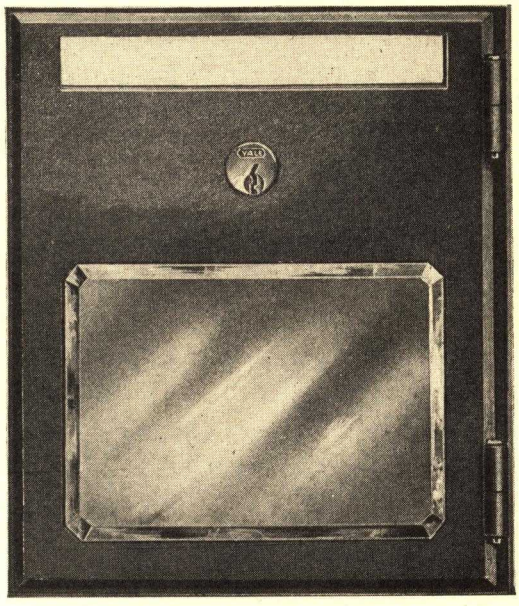
For the height, multiply the number of boxes high by the **outside** height of a single box, and add 1¼ in. for the thickness of the roundabout.

For the width, multiply the number of boxes wide by the **outside** width of a single box, and add 1¼ in. for the thickness of the roundabout.

For example: 25 No. 282 boxes (arranged 5 high and 5 wide) measure 5 x 6¼ + 1¼ = 32½ in. in **height**, and 5 x 5½ + 1¼ = 28¾ in. in **width**.



No. 281

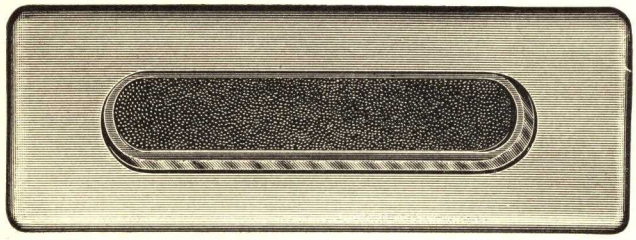


No. 282

No.	Front	Size Inside	Outside	Opening
281	Cast bronze	7½ x 5 x 12 in.	8 x 5½ x 12½ in.	¾ x 4¾ in.
282	" "	5⅞ x 5 x 10 "	6¼ x 5½ x 10½ "	9/16 x 4 3/16 "

LETTER HOLE TRIM

CUTS ONE-HALF SIZE

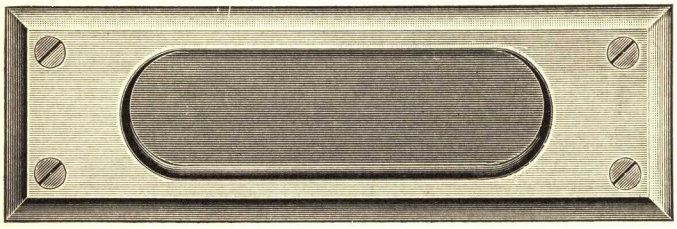


No. GT1501 Outside plate

Cast Bronze or Brass

GT1501 Outside plate
2¼ x 7 in.

Type of GN1500 Outside plate
2⅛ x 6⅞ in.

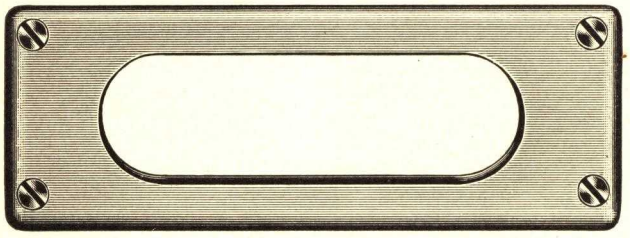


No. DU1501 Outside plate

Wrought Bronze or Brass

DU1501 Outside plate
2¼ x 7 in.

DU1511 Inside plate
2¼ x 7 in.

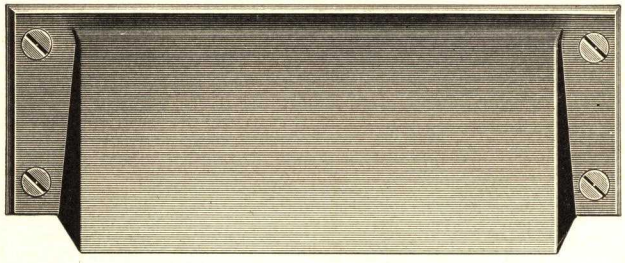


No. GT1511 Inside plate

Cast Bronze or Brass

GT1511 Inside plate
2¼ x 7 in.

Type of GN1510 Inside plate
1¾ x 7 in.



No. GN1520 Hood

Cast Bronze or Brass

GN1520 Hood
2¼ x 6⅝ in.

Type of GT1521 Hood
2¼ x 6⅝ in.

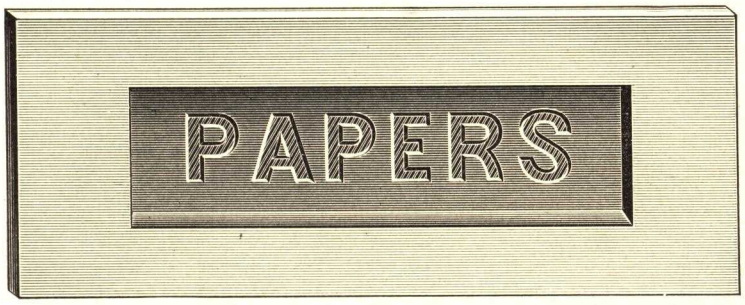
Ornamental Letter Box Plates are listed under Designs.

No.	Material	Plate	Opening
GN1500	Cast bronze	2⅛ x 6⅞ in.	1⅛ x 4⅝ in.
DU1501	Wrought "	2¼ x 7 "	1¼ x 4⅜ "
GT1501	Cast "	2¼ x 7 "	1⅛ x 4⅝ "
GN1510	" "	1¾ x 7 "	1⅛ x 4⅞ "
DU1511	Wrought "	2¼ x 7 "	1¼ x 4⅜ "
GT1511	Cast "	2¼ x 7 "	1¼ x 4⅞ "
GN1520	" "	2¼ x 6⅝ "	.....
GT1521	" "	2¼ x 6⅝ "	.....

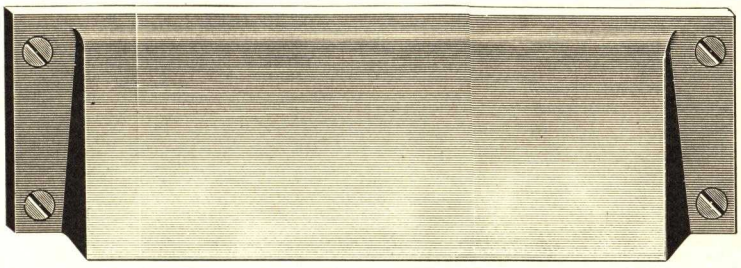
Packed: Nos. GN1500 and GT1501, each in a box with machine screws. Other numbers each in a box with wood screws.
When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

LETTER HOLE TRIM



No. GR1505 Outside plate



No. GR1525 Hood

Cast Bronze or Brass

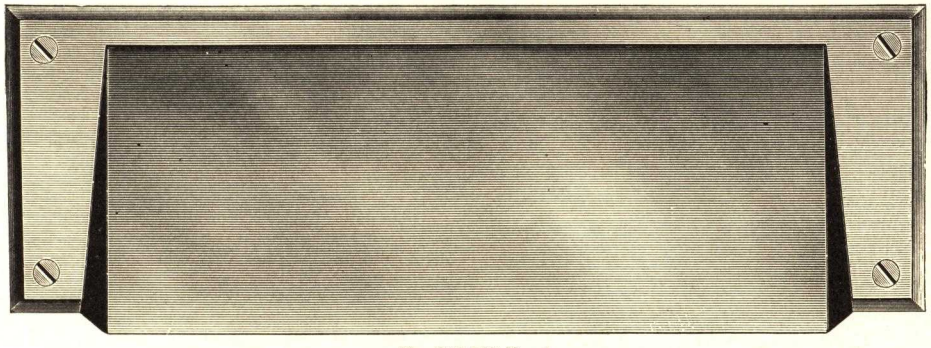
No. GR1505 Outside plate
2⅞ x 7⅞ in.
Can furnish blank, or with the word "Letters"; "Mail" or "Papers" on flap.

No. GR1515 Inside plate
2⅞ x 7⅞ in.

No. GR1525 Hood
2¼ x 8 in.



No. GN1507 Outside plate



No. GN1527 Hood

No. GN1507
Outside plate
3 x 9½ in.
Can furnish with either "Papers" or "Letters" on flap.

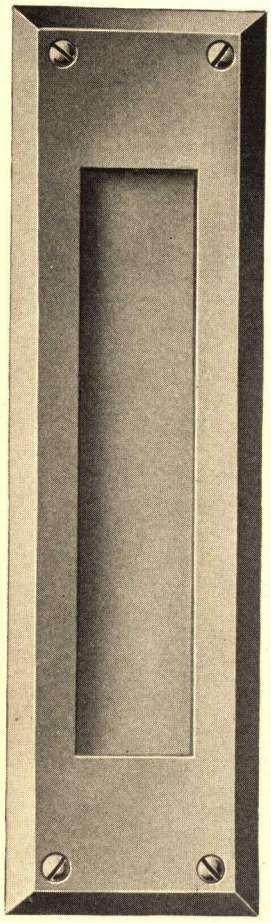
No. GN1517
Inside plate
3 x 9½ in.

No. GN1527
Hood
3¼ x 9½ in.

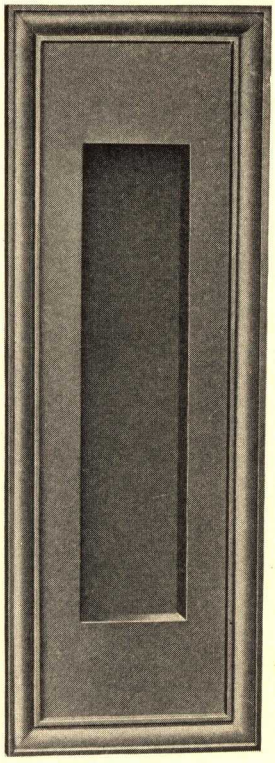
No.	Material	Plate	Opening
GR1505	Cast bronze	2⅞ x 7⅞ in.	1½ x 5½ in.
GN1507	" "	3 x 9½ "	1⅞ x 7⅝ "
GR1515	" "	2⅞ x 7⅞ "	1½ x 5½ "
GN1517	" "	3 x 9½ "	1⅞ x 7⅝ "
GR1525	" "	2¼ x 8 "	.....
GN1527	" "	3¼ x 9½ "	.....

Packed: Nos. GR1505 and GN1507, each in a box, with machine screws. Other numbers each in a box with wood screws. When ordering, give list number, lettering wanted on flap and finish. For finishes, see page XXV.

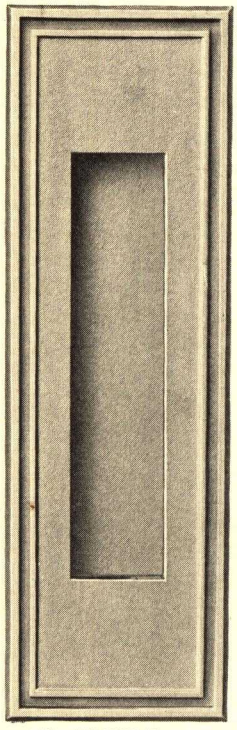
VERTICAL LETTER HOLE TRIM



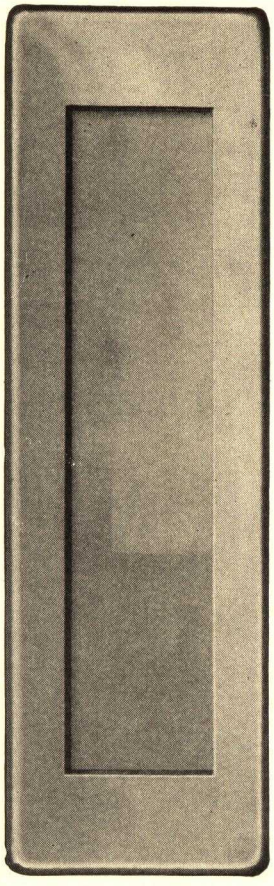
No. GS1566 Stonington



No. HQ1566 Queenstown

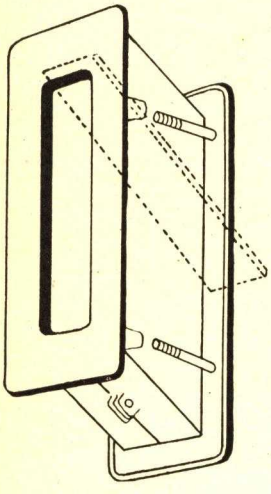


No. NY1566 Yuma



No. GT1559 Trenton
Outside and inside plates, no chute.
For size, etc., see below

Vertical Letter Box Plates can be furnished in the designs as listed below.



The inside plate, with chute attached, and the outside plate, are fastened together by machine screws, except the No. GS1566 which is attached by wood screws.

Cast Bronze or Brass

No.	Design	Outside Plate	Inside Plate and Chute	Outside Opening	Thickness of Door
HD1565	Dartmouth	8¾ x 2¾ in.	9 x 2¾ in.	5 x 1⅛ in.	1¾ in.
OJ1565	Jackson	9 x 2¾ "	8¾ x 2¾ "	5 x 1⅛ "	1¾ "
UM1565	Malaga	9 x 2⅜ "	9⅝ x 2⅜ "	5 x 1⅛ "	1¾ "
GN1566	Newton	7 x 2¼ "	7 x 2¼ "	4⅝ x 1⅛ "	1¾ "
HQ1566	Queenstown	7⅛ x 2⅞ "	8 x 2⅞ "	5 x 1⅛ "	1¾ "
GS1566	Stonington	9½ x 2¾ "	9½ x 2¾ "	6 x 1¼ "	1¾ "
GT1565	Trenton	7 x 2 5/16 "	7 x 2 5/16 "	5⅛ x ⅞ "	1⅝, 1¾ 2¼ in.
GT1567	"	9 x 3 "	9½ x 3 "	7 x 1½ "	1¾ "
JW1565	Warwick	8¾ x 3¼ "	8¾ x 3¼ "	5 x 1⅛ "	1¾ "
NY1566	Yuma	8⅜ x 2¾ "	8⅜ x 2¾ "	5 x 1⅛ "	1¾ "

The No. GT1559 plates may be used either vertical or horizontal, as the flap is hinged on the long side.

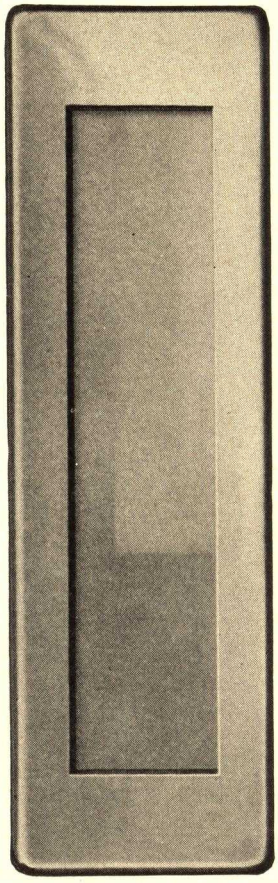
No.	Design	Outside Plate	Inside Plate No Chute	Openings	Thickness of Door
GT1559	Trenton	11¾ x 2⅞ in.	11¾ x 2⅞ in.	9½ x 1 9/16 in.	1¾ in.

Each in a box, with screws.
When ordering, give list number, name of design, thickness of door and finish.
For finishes, see page XXV.

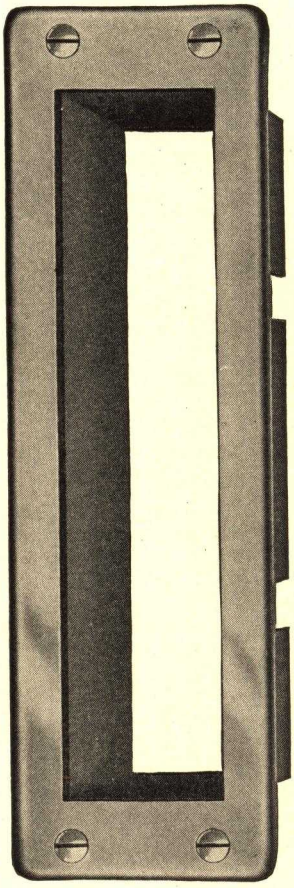
CUTS ONE-HALF SIZE

LETTER HOLE TRIM

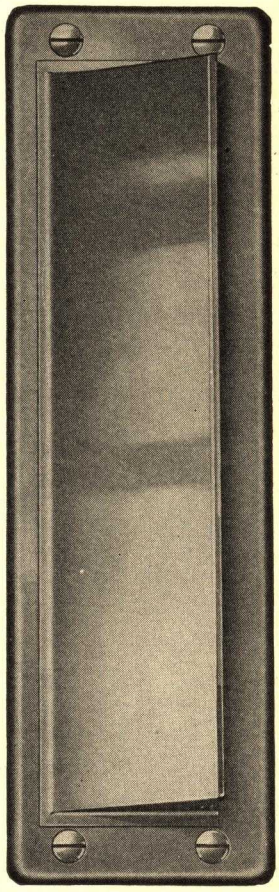
Can be applied either Vertical or Horizontal



Outside Plate



Inside Plate and Chute



Inside Hood

These plates may be used either Vertical or Horizontal as the flap is hinged on the long side.
Made in accordance with Postmaster General's Order No. 9905.
No. 1569 Sets consist of outside plate, inside plate and wrought chute.
No. 1579 Sets consist of outside plate, inside hood and wrought chute.
Above illustrations show the "GT" Trenton design. We can also furnish the designs listed below.

Cast Bronze or Brass

No. With Inside Plate	No. With Hood	Design	Outside Plate	Outside Opening	Inside Plate	Inside Opening	Thickness of Door
HD1569	**HD1579**	Dartmouth	10 x 3⅛ in.	7 x 1 9/16 in.	10 x 3⅛ in.	7⅜ x 1 11/16 in.	1½–1¾–2–2¼ in.
OJ1569	**OJ1579**	Jackson	10 x 3⅛ "	7 x 1 9/16 "	10 x 3⅛ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "
TL1569	**TL1579**	Lynate	9⅞ x 3⅛ "	7 x 1 9/16 "	9⅞ x 3⅛ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "
UM1569	**UM1579**	Malaga	11¼ x 3¼ "	7 x 1 9/16 "	11¼ x 3¼ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "
GN1569	**GN1579**	Newton	9¼ x 2⅞ "	7 x 1 9/16 "	9¼ x 2⅞ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "
HQ1569	**HQ1579**	Queenstown	10 x 3⅛ "	7 x 1 9/16 "	10 x 3⅛ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "
GS1569	**GS1579**	Stonington	9⅝ x 2⅞ "	7 x 1 9/16 "	9⅝ x 2⅞ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "
PT1569	**PT1579**	Tower	9⅞ x 3⅛ "	7 x 1 9/16 "	9⅞ x 3⅛ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "
GT1569	**GT1579**	Trenton	9¼ x 2⅞ "	7 x 1 9/16 "	9¼ x 2⅞ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "
QV1569	**QV1579**	Verticon	9⅞ x 3⅛ "	7 x 1 9/16 "	9⅞ x 3⅛ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "
JW1569	**JW1579**	Warwick	10 x 3⅛ "	7 x 1 9/16 "	10 x 3⅛ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "
NY1569	**NY1579**	Yuma	10 x 3⅛ "	7 x 1 9/16 "	10 x 3⅛ "	7⅜ x 1 11/16 "	1½–1¾–2–2¼ "

Outside plate attached by machine screws through door. Inside plate by wood or machine screws as ordered.
When ordering, give list number, name of design, thickness of door and finish.
For finishes, see page XXV.

LETTERS AND NUMERALS

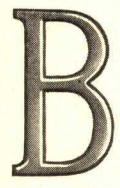
CUTS ONE-HALF SIZE



No. 693 1½ in.

ABCDEFGHIJKLMN
OPQRSTUVWXYZ

No. 693 Height, 1½ in. Cast bronze. Attached by pins cast in back.



No. 687 2 in.

ABCDEFGHIJKLM
NOPQRSTUVWXYZ

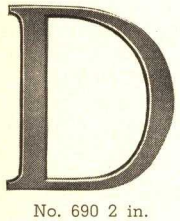
No. 687 Height, 2 in. Cast bronze. Attached by pins cast in back.



No. 670 ¾ in.

ABCDEFGHIJKLM
NOPQRSTUVWXYZ

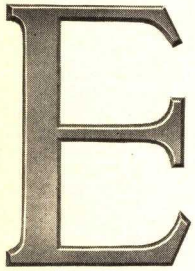
No. 670 Height, ¾ in. Cast bronze. Attached by pins cast in back.
" **671** " 2 " " " " " " " " " "



No. 690 2 in.

ABCDEFGHIJKLMN
OPQRSTUVWXYZ

No. 690. Height, 2 in. Cast bronze. Attached by pins cast in back.



No. 685 2¾ in.

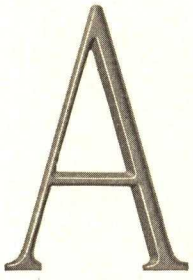
ABCDEFGHIJKLMN
OPQRSTUVWXYZ

No. 685 Height, 2¾ in. Cast bronze. Attached by pins cast in back.

May be furnished for attaching to stone, etc., to special order and at an additional price.
When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

LETTERS AND NUMERALS



No. 686 2¾ in.

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z

No. 686 Height, 2¾ in. Cast bronze. Attached by pins cast in back.



No. 655 2¾ in.

1 2 3 4 5 6 7 8 9 0

No. 655 Height, 2¾ in. Cast bronze. Attached by pins cast in back.



No. 643 1⅞ in.

1 2 3 4 5 6
7 8 9 0

No. 643 Height, 1⅞ in. Cast bronze. Attached by pins cast in back.



No. 610 2 in.

1 2 3 4
5 6 7 8
9 0

No. 610	Height, 2	in.	Cast	bronze	
" 611	" 3⅝	"	"	"	

Attached by pins cast in back.



No. 602 2 in.

1 2 3 4
5 6 7 8
9 0

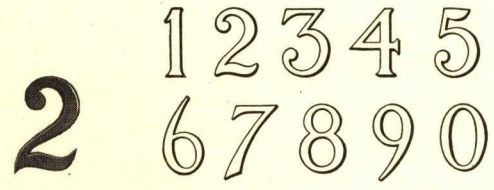
No. 600	Height, 1	in.	Cast	bronze	
" 601	" 1¼	"	"	"	
" 602	" 2	"	"	"	
" 603	" 2½	"	"	"	
" 604	" 3	"	"	"	

Attached by pins cast in back.

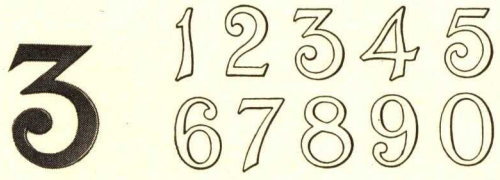
May be furnished for attaching to stone, etc., to special order and at an additional price.
When ordering, give list number and finish. For finishes, see page XXV.

LETTERS AND NUMERALS

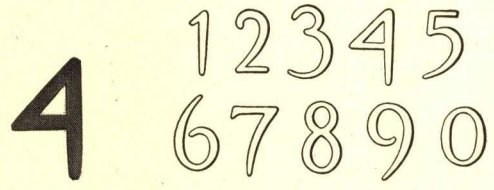
CUTS ONE-HALF SIZE



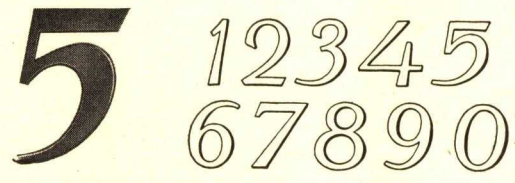
No. 660 1 in. **No. 660** Height, 1 in. Cast bronze
Attached by pins cast in back.



No. 645 1¼ in. **No. 645** Height, 1¼ in. Cast bronze
Attached by pins cast in back



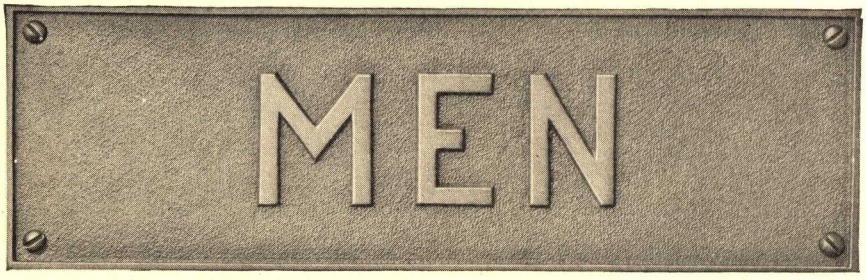
No. 625 1¼ in. **No. 625** Height, 1¼ in. Cast bronze
Attached by pins cast in back.



No. 621 1⅝ in. **No. 620** Height, ⅝ in. Cast bronze
" **621** " 1⅝ " " "
Attached by pins cast in back.

May be furnished for attaching to stone, etc., to special order and at an additional price.
When ordering, give list number and finish. For finishes, see page XXV.

NAME PLATES



No. 1984 3 x 9½ in.

Lettered Plates

Cast Bronze or Brass, raised letters and edge, matted surface

Name	Size	Name	Size	Name	Size
Bath	3 x 9½ in.	Girls Lockers	2¼ x 15⅜ in.	Principal	2¼ x 10¼ in.
Boys	2¼ x 7½ "	Information	2¼ x 12 "	Private	2¼ x 12 "
Boys Lockers	2¼ x 15⅜ "	Inquiries	2¼ x 12 "	Stamps	2¼ x 12 "
Boys Toilet	2¼ x 13¼ "	Janitor	2¼ x 9½ "	Superintendent	2¼ x 14 "
Express	2¼ x 12 "	Ladies	2¼ x 12 "	Telephone	2¼ x 12⅜ "
Gentlemen	2¼ x 12 "	Library	2¼ x 9½ "	Toilet	2¼ x 8¼ "
Girls	2¼ x 7½ "	Men	3 x 9½ "	Toilet	2½ x 10 "
Girls Toilet	2¼ x 13⅞ "	Office	2¼ x 7⅞ "	Women	3 x 9½ "

Blank Plates

May be used for any lettering desired, to special order and at an additional price. Made in the following sizes: 2¼ x 12 in., 2⅜ x 15½ in., 2¾ x 14 in., and 3 x 9½ in.

When ordering, give list number, size, lettering and finish. For finishes, see page XXV.

CUTS ONE-THIRD SIZE

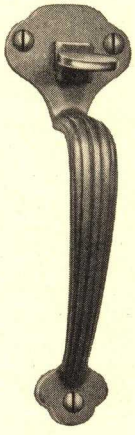
LIFT LATCHES



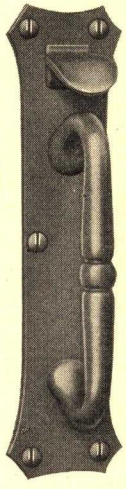
No. RE1517 Egmont



No. UH1517 Hadley

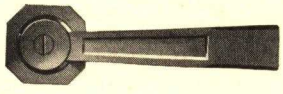


No. LQ1617 Quinton



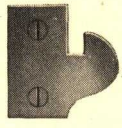
No. US1417 Staunton

Lift Latches for interior doors of Colonial houses
Cast Bronze or Brass









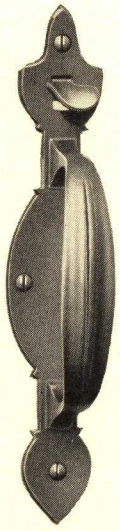
Trim for the inside of above handles

No.	Design	Size of Handle	Size of Top Plate	Grip Center to Center
RE1517	Egmont	6¾ x 1¾ in.	2¼ x 1¾ in.	3¾ in.
UH1517	Hadley	9 x 2 "	2⅝ x 2 "	5¾ "
LQ1617	Quinton	6½ x 2 "	2 x 2 "	3¾ "
US1417	Staunton	7⅜ x 2 "	.....	3⅝ "

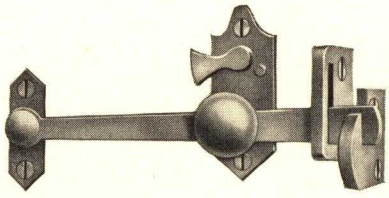
When ordering, give list number and finish. For finishes, see page XXV.
Packed one set in a box, with screws.

LIFT LATCHES

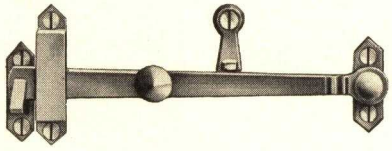
CUTS ONE-THIRD SIZE



No. QY10217
Yatton



Inside trim for No. QY10217



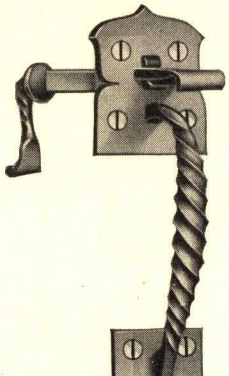
Inside trim for No. IS10117



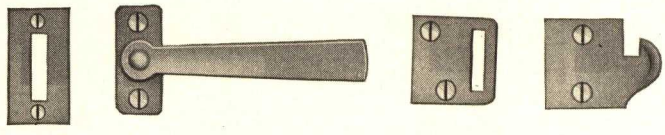
No. IS10117
Sconset

Cast Bronze or Brass

No.	Design	Size of Handle	Grip Center to Center
QY10217	Yatton	8⅛ x 1¾ in.	3⅞ in.
IS10117	Sconset	7¾ x 1¼ "	4½ "



No. G3617



Inside trim for No. G3617

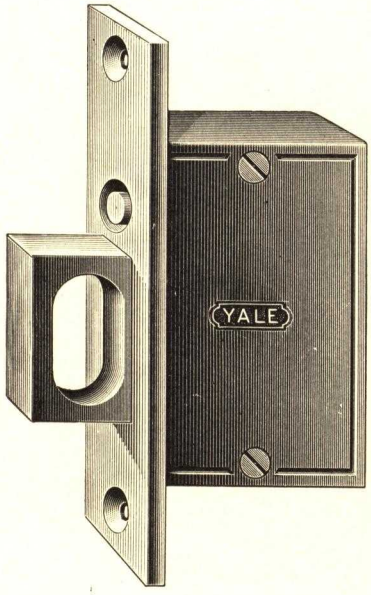
Cast Bronze or Brass

No.	Size of Handle	Grip Center to Center
G3617	7½ x 1⅞ in.	4¼ in.

When ordering, give list number and finish. For finishes, see page XXV.
Packed one set in a box, with screws.

CUTS ONE-HALF SIZE

DOOR PULLS
For Sliding Doors



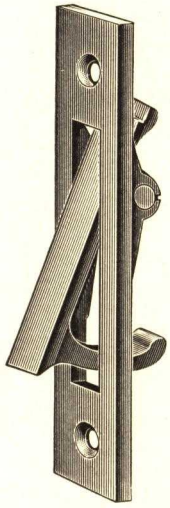
No. 496

No. 496 Door Pull

Flat front, 5¾ x ⅞ in.
Cast bronze stop and pull.
Japanned iron case, 3⅝ x 2¼ x 1 1/16 in.
For doors of either hand.
Pushing stop in front projects the pull, enabling door when flush in pocket, to be closed.

No.	Front and Pull	Case
496	Cast bronze	Japanned iron

Packed: Each in a box, with screws.



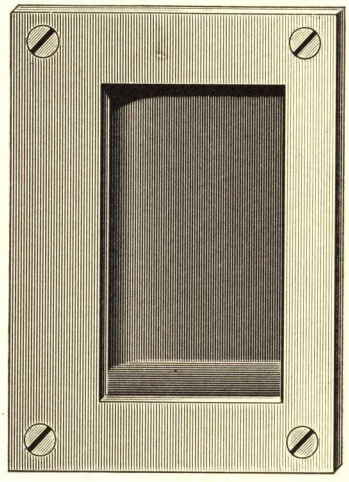
No. 494

No. 494 Door Pull

Flat front, 5 x ⅞ in.
Pushing pull, at top, projects it, enabling door, when flush in pocket, to be closed.

No.	Material
494	Cast bronze

Packed: ½ doz. in a box, with screws.



No. 495

No. 495 Door Pull

Plate, 4¾ x 3⅜ in.
Opening, 3⅜ x 1 15/16 x 1 1/16 in.

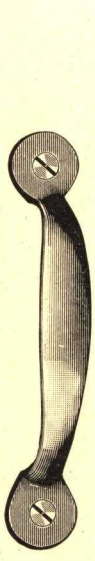
No.	Material
495	Cast bronze

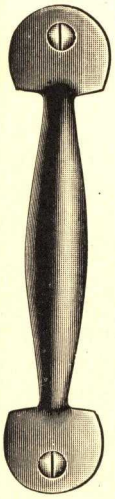
Packed: ½ doz. in a box, with screws.

When ordering, give list number and finish. For finishes, see page XXV.

DOOR PULLS

CUTS ONE-HALF SIZE


No. 505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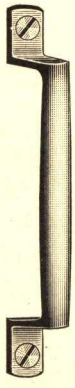
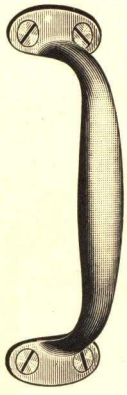
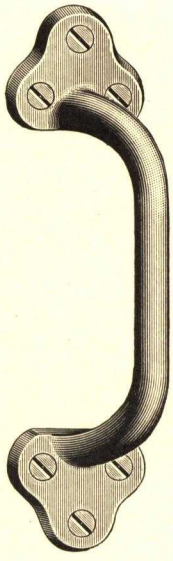
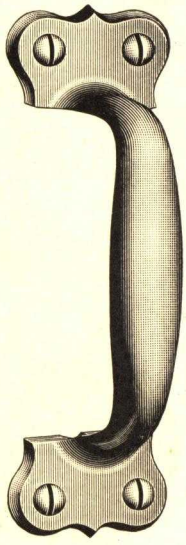

No. 631


No. 630

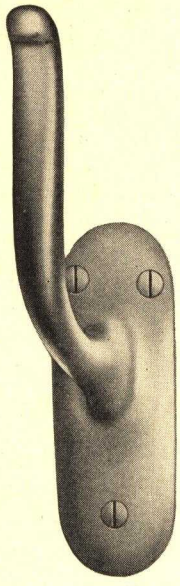

No. 504

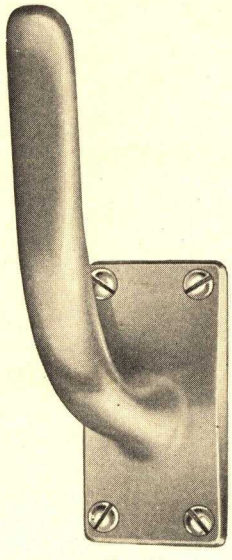

Nos. 511 and 2511

No.	Material	Size
504	Cast bronze	5½ x 1¼ in.
505	" "	4½ x ¾ "
506	" "	5 x 1 "
511	" "	6⅛ x 1⅞ "
630	" "	4 x 1 "
631	" "	4 x ⅜ "
2511	" "	6⅛ x 1⅞ "

Packed: ½ doz. in a box, with screws.

Hospital Door Pulls


No. 482


No. 483

These pulls are especially intended for Hospital use, enabling a person with a loaded tray to open the door with the arm.

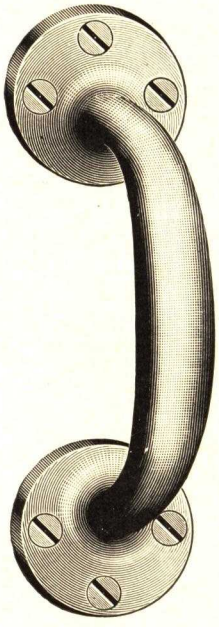
Cast Bronze or Brass

No.	Base	Projection
482	3¾ x 1⅜ in.	2¾ in.
483	3⅛ x 1⅝ "	3 15/16 "

When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

DOOR PULLS



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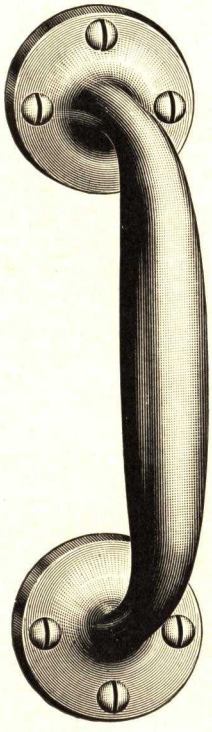
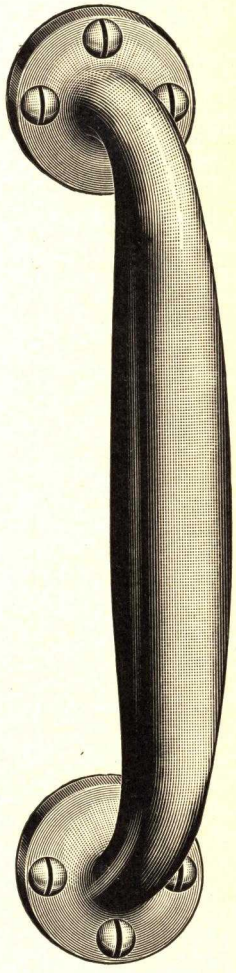


No. 536



No. 537

WITH WOOD SCREWS

No.	Material	Length Over All	Center to Center
535	Cast bronze	6½ in.	4½ in.
536	" "	7½ "	5½ "
537	" "	10 "	8 "

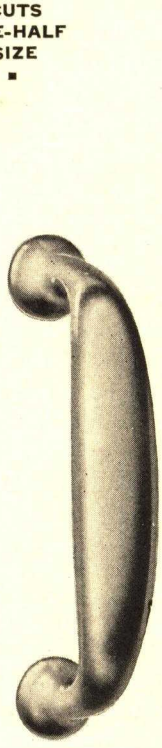
WITH MACHINE SCREWS FOR FASTENING THROUGH THE DOOR

No.	Material	Length Over All	Center to Center
535½	Cast bronze	6½ in.	4½ in.
536½	" "	7½ "	5¼ "
537½	" "	10 "	8 "

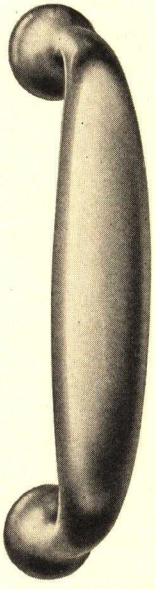
Packed: 1/6 doz. in a box with screws.
When ordering, give list number and finish. For finishes, see page XXV.

PULLS AND GRIPS

CUTS ONE-HALF SIZE



No. 132



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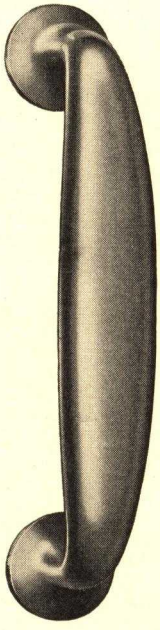

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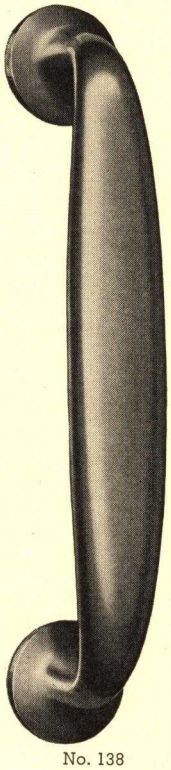

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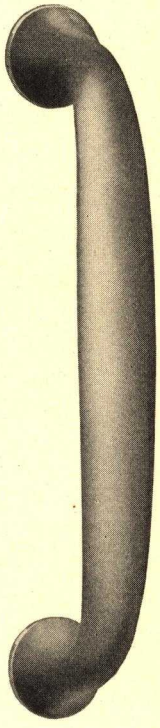
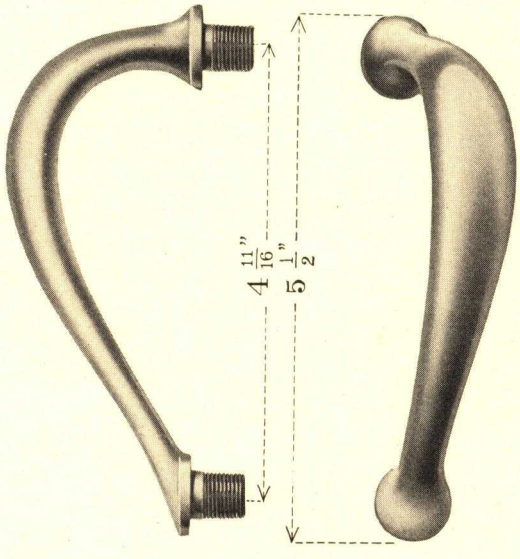
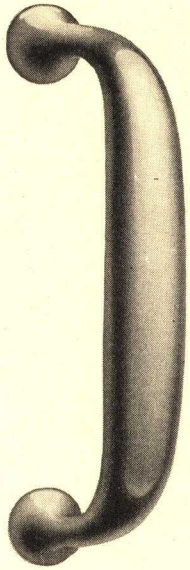


No. 36



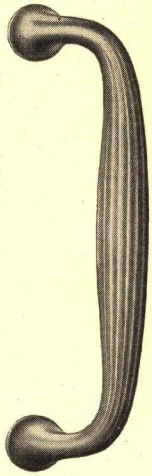
No. 62
This cut shows method of measuring all grips



No. 14½
Type of No. 56½



No. 141 (straight)



No. 141½ (offset)

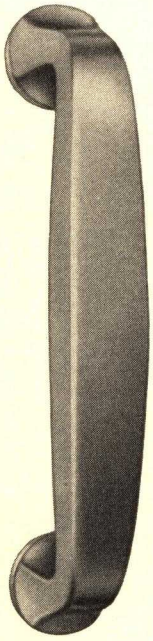
Cast Bronze or Brass

No.	Type	Center to Center	Overall
14½	Offset	4⅞ in.	5⅞ in.
36	Straight	6½ "	7½ "
56½	Offset	5⅞ "	6⅞ "
62	Pitcher	4 11/16 "	5½ "
132	Straight	4⅜ "	5¼ "
134	Straight	5 in.	6 in.
137	"	5⅜ "	6½ "
138	"	6½ "	7¾ "
141	"	4⅜ "	5 "
141½	Offset	4⅜ "	5 "

These grips may be used without plates, especially on metal doors. When so ordered, will be attached to Push Plates for use as Door Pulls. Furnished with nuts for fastening to plate, and machine screws for fastening through door.
Nos. 132, 134, 137 and 138 grips may be supplied with rose as shown on page 250.
When ordering, give list number and finish. For finishes, see page XXV.

PULLS AND GRIPS

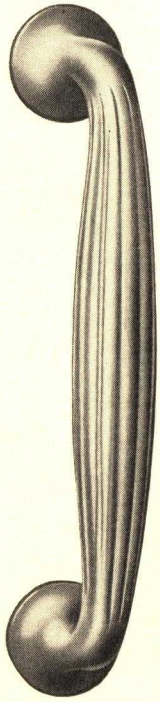
CUTS ONE-HALF SIZE



No. 127



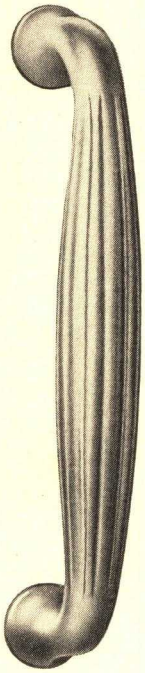
No. 234



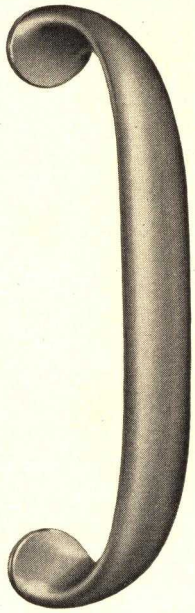
No. 220



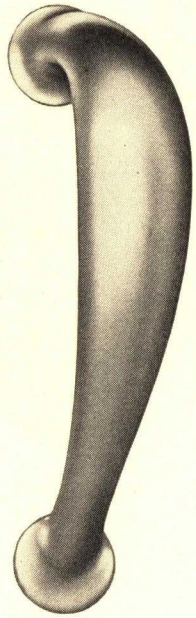
No. 221



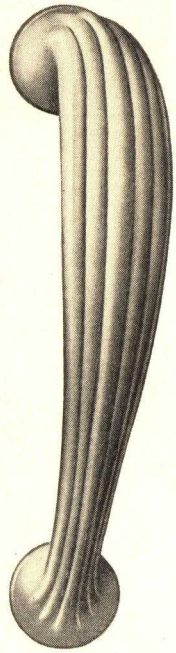
No. 20 (straight)
No. 20½ (offset)



No. 282½



No. 270 (straight)
No. 270½ (offset)



No. 260

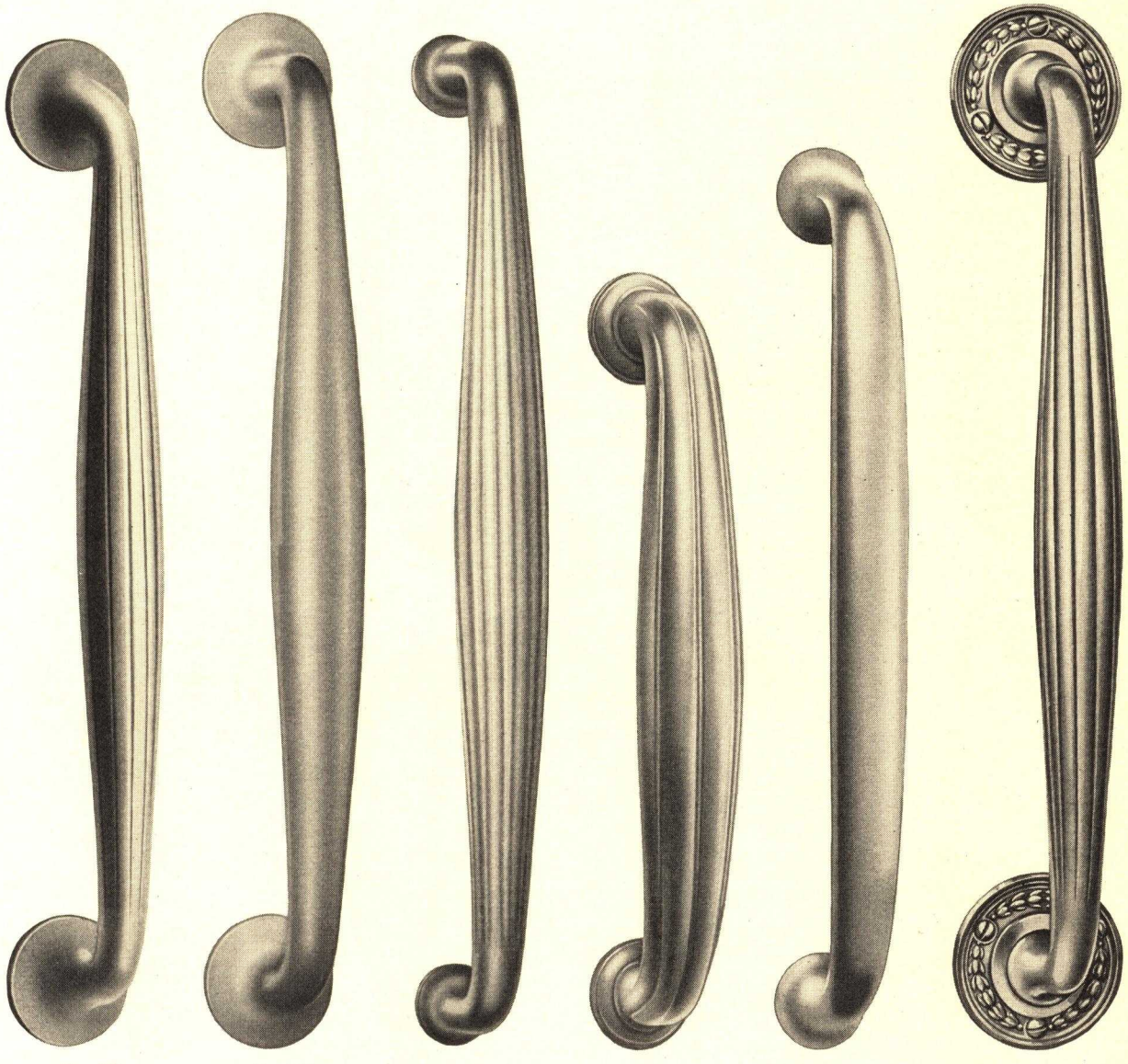
Cast Bronze or Brass

No.	Type	Center to Center	Overall	No.	Type	Center to Center	Overall
20	Straight	6 in.	6⅞ in.	**234**	Pitcher	6 in.	7½ in.
20½	Offset	6 "	6⅞ "	**260**	"	5⅝ "	6¾ "
127	Straight	5⅝ "	6½ "	**270**	"	5⅝ "	6¾ "
220	"	6 "	7¼ "	**270½**	Offset	5⅝ "	6¾ "
221	"	6 "	7¼ "	**282½**	"	5⅝ "	6⅝ "

These grips may be used without plates, especially on metal doors. When so ordered, will be attached to Push Plates for use as Door Pulls. Furnished with nuts for fastening to plate, and machine screws for fastening through door.
When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

PULLS AND GRIPS



No. 122 | No. 123 | No. 124 | No. 47 Type of No. 121 | No. 38 | No. QN527

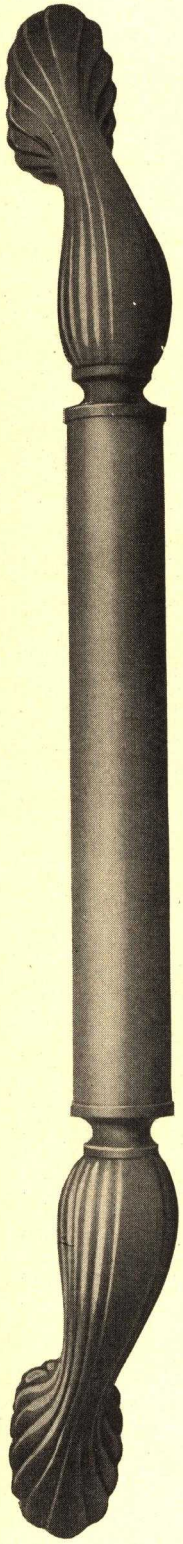
Cast Bronze or Brass

No.	Type	Center to Center	Overall
38	Straight	9⅛ in.	10¼ in.
47	"	8 "	8¾ "
121	"	10⅛ "	11½ "
122	"	9⅞ "	11½ "
123	"	9⅞ "	11½ "
124	"	9⅞ "	11 "
QN527	"	9⅞ "	11⅞ "

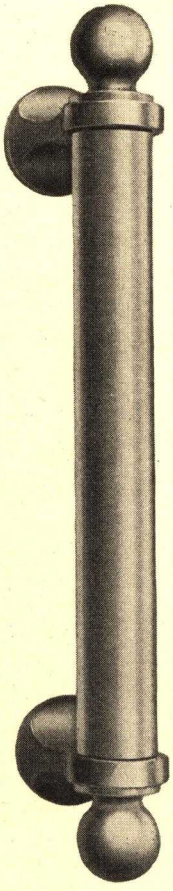
These grips may be used without plates, especially on metal doors. When so ordered, will be attached to Push Plates for use as Door Pulls. Furnished with nuts for fastening to plate, and machine screws for fastening through door.
When ordering, give list number and finish. For finishes, see page XXV.

PULLS AND GRIPS

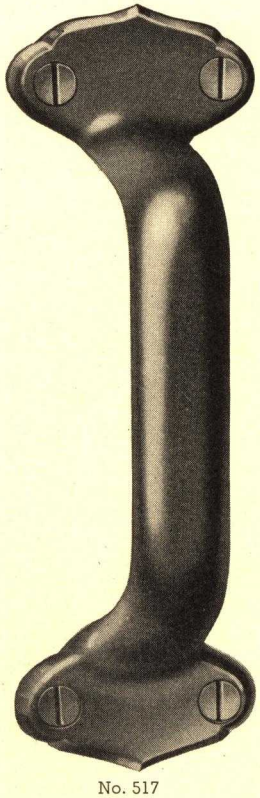
CUTS ONE-HALF SIZE



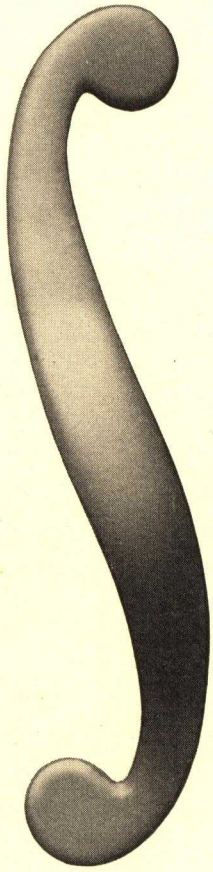
No. XG528



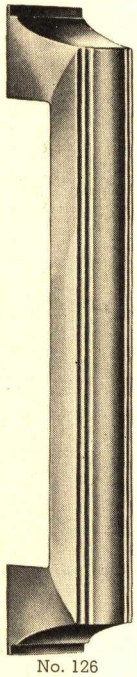
No. 117



No. 517
Cast iron
Japan Finish only



No. 203, right hand*

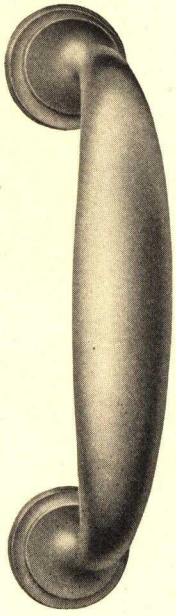


No. 126
Type of Nos. 125 and 129

Cast Bronze, except No. 517 which is made only of cast iron. Japan finish

No.	Center to Center	Overall
117	$6\frac{1}{16}$ in.	$9\frac{1}{8}$ in.
125	$4\frac{3}{4}$ "	6 "
126	$6\frac{1}{2}$ "	$7\frac{3}{4}$ "
129	9 "	$10\frac{1}{4}$ "
203*	$7\frac{5}{8}$ "	9 "
517	....	8 "
XG528	14 "	16 "

*Not reversible. Specify hand.



No. 1634

Door Pulls

Round bases $1\frac{5}{16}$ in. dia.

Cast Bronze or Brass

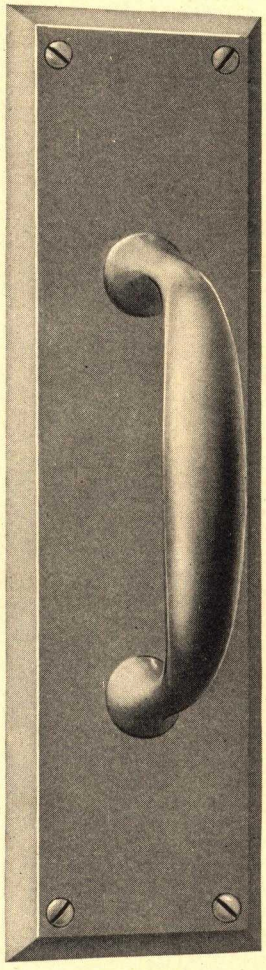
No.	Grip No.	Center to Center	Overall
1632	132	$4\frac{3}{8}$ in.	$5\frac{5}{8}$ in.
1634	134	5 "	$6\frac{3}{8}$ "
1637	137	$5\frac{3}{8}$ "	$6\frac{7}{8}$ "
1638	138	$6\frac{1}{2}$ "	$8\frac{1}{8}$ "

Furnished with machine screws for fastening through door.

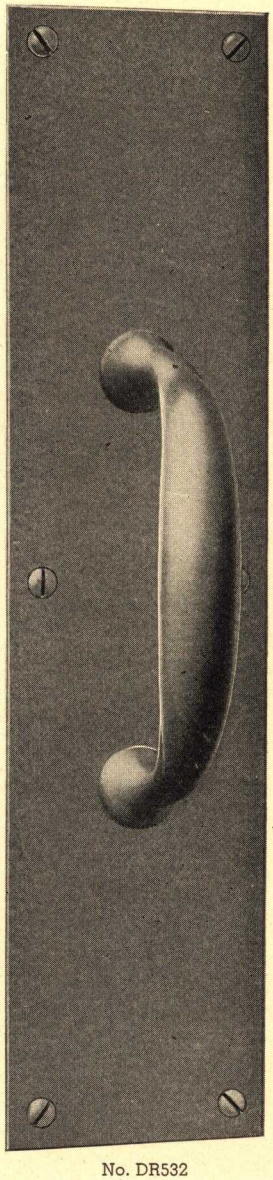
When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

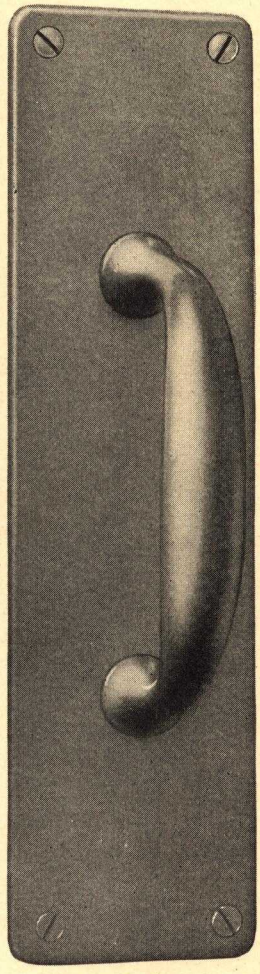
DOOR PULLS



No. DU530
No. BU530



No. DR532



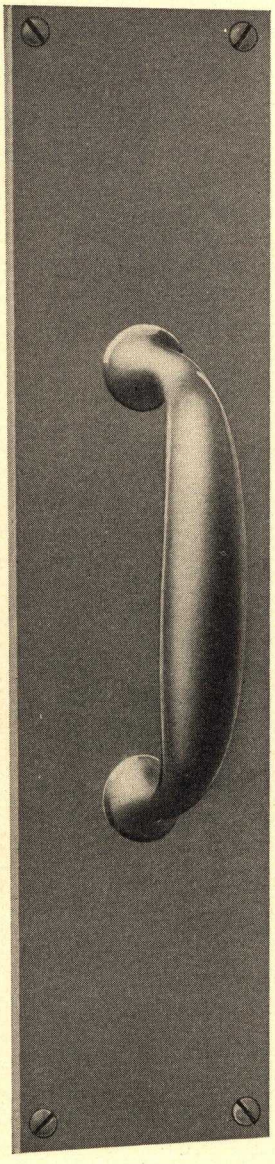
No. DT530

No.	Material	Size	Grip No.	Grip Center to Center
DU530	Wrought bronze or brass	10 x 3 in.	132	4⅜ in.
DU534	" " " "	14 x 3 "	134	5 "
DR532	Solid rolled " " "	12 x 3 "	132	4⅜ "
DR534	" " " " "	15 x 3½ "	134	5 "
DR536	" " " " "	16 x 4 "	134	5 "
DT530	Wrought " " "	10 x 2¾ "	132	4⅜ "
DT532	" " " "	12 x 3 "	132	4⅜ "
BU530	" steel	10 x 3 "	2132	4⅜ "
BU534	" "	14 x 3 "	2134	5 "

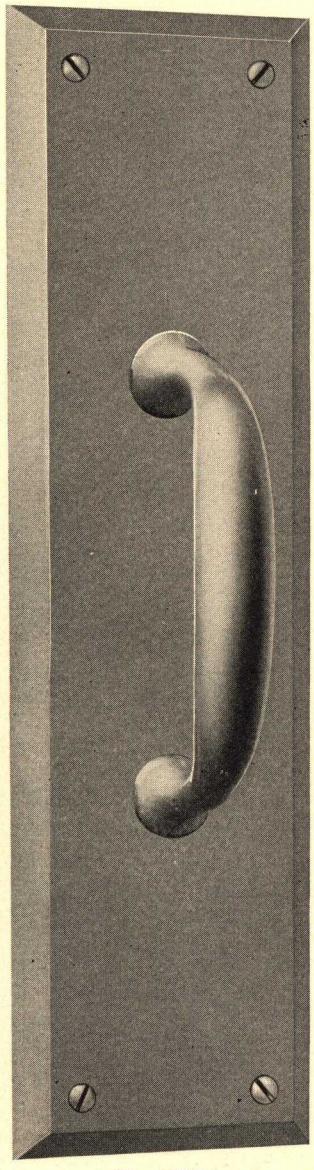
Grips are attached to plates with nuts, and machine screws are furnished for fastening the grip through the door.
When ordering, give list number and finish. For finishes, see page XXV.

DOOR PULLS

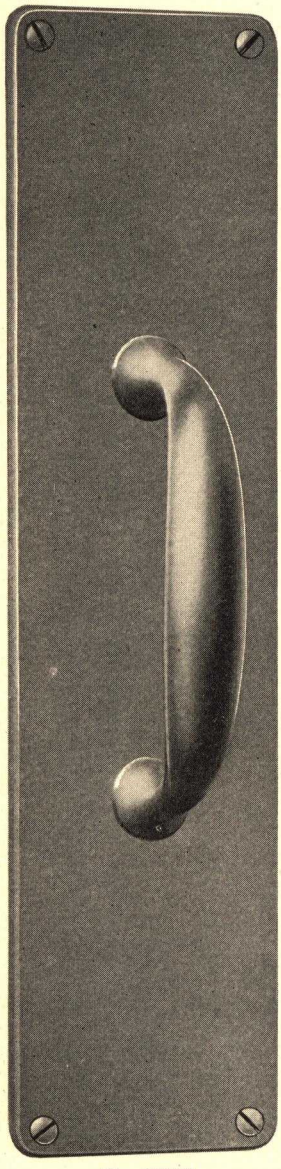
CUTS ONE-HALF SIZE



No. GN532



No. GS532
Type of No. GR532



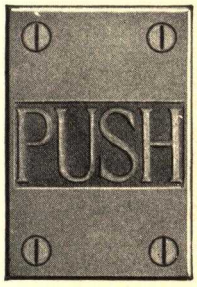
No. GT532

No.	Design	Material	Size	Grip No.	Grip Center to Center
GN532	Newton	Cast bronze	12 x 3 in.	132	4⅜ in.
GN534	"	" "	14 x 3½ "	134	5 "
GN536	"	" "	16 x 4 "	134	5 "
GR532	Revere	" "	12 x 3 "	132	4⅜ "
GR534	"	" "	14 x 3½ "	134	5 "
GR535	"	" "	16 x 3½ "	134	5 "
GS532	Stonington	" "	12 x 3½ "	132	4⅜ "
GS534	"	" "	14 x 3½ "	134	5 "
GS535	"	" "	16 x 3½ "	134	5 "
GT532	Trenton	" "	12 x 3 "	132	4⅜ "
GT534	"	" "	14 x 3½ "	134	5 "
GT535	"	" "	16 x 3½ "	134	5 "

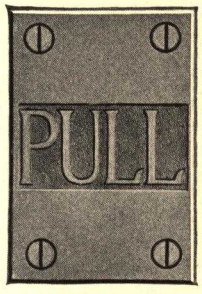
Grips are attached to plates with nuts, and machine screws are furnished for fastening the grip through the door. When ordering, give list number, name of design and finish. For finishes, see page XXV.

PUSH AND PULL PLATES

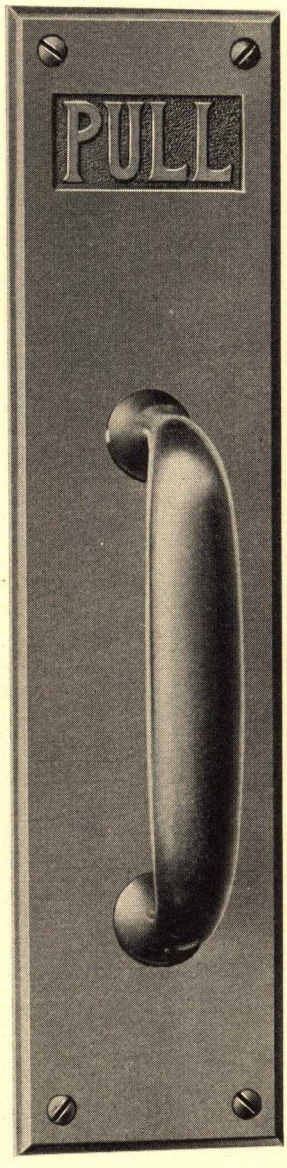
CUTS ONE-HALF SIZE



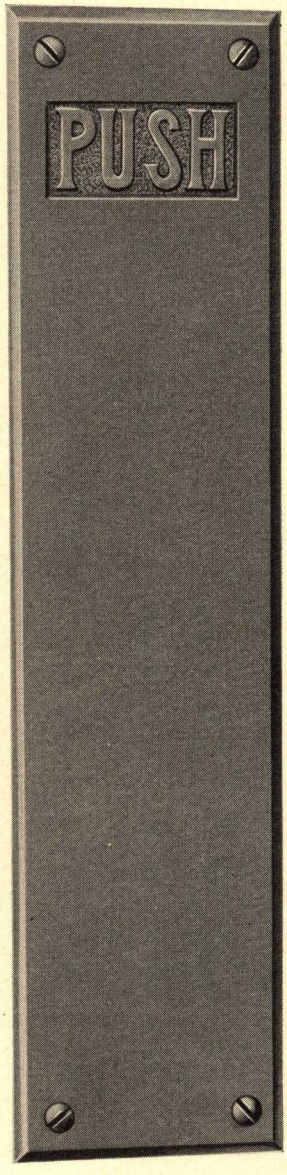
No. GR1737



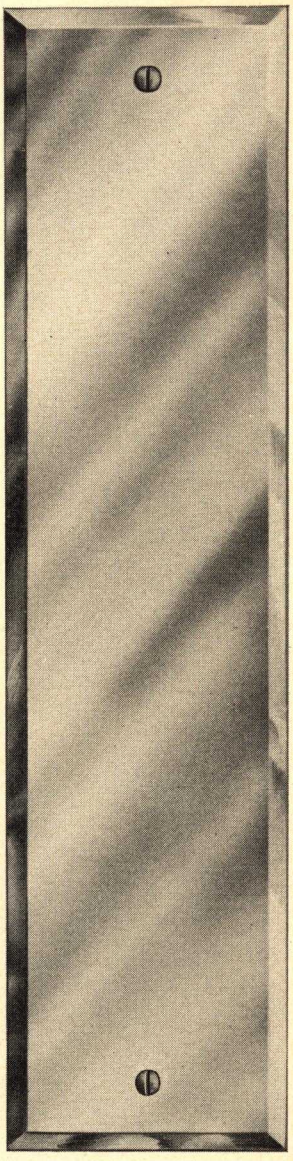
No. GR1747



No. GR522
No. GR525



No. GR1736
12 x 3 in.



No. G1730 (Glass)

No.	Material	Size
GR522	Cast bronze	12 x 3 in. No. 155 grip, 6 in. over all, 5⅛ in. C. to C.
GR525	" "	15 x 3½ " No. 156 " 6¾ " " " 5¾ " "
G1730	Glass	12 x 3½—15 x 3½ in.
GR1736	Cast bronze	12 x 3—15 x 3½ in.
GR1737	" "	3 x 2 in.
GR1747	" "	3 x 2 "

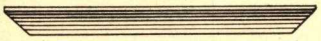
Packed: ⅛ doz. in a box, with screws.
When ordering, give list number, size and finish. For finishes, see page XXV.

PUSH PLATES

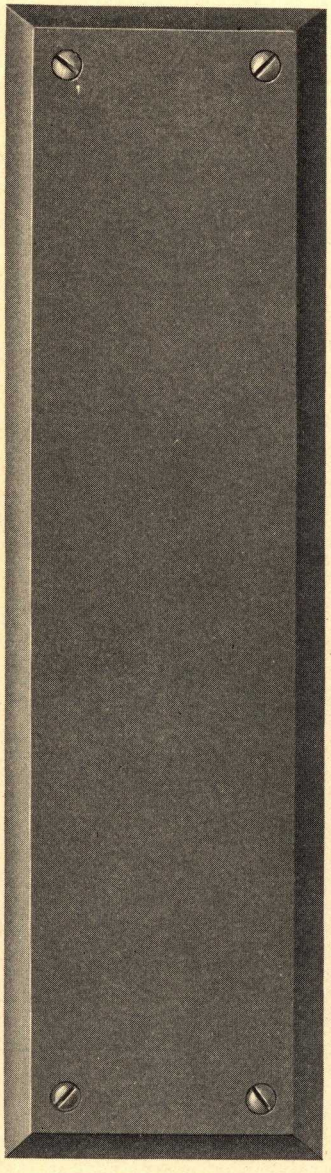
CUTS ONE-HALF SIZE



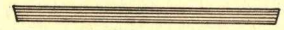
GR Section

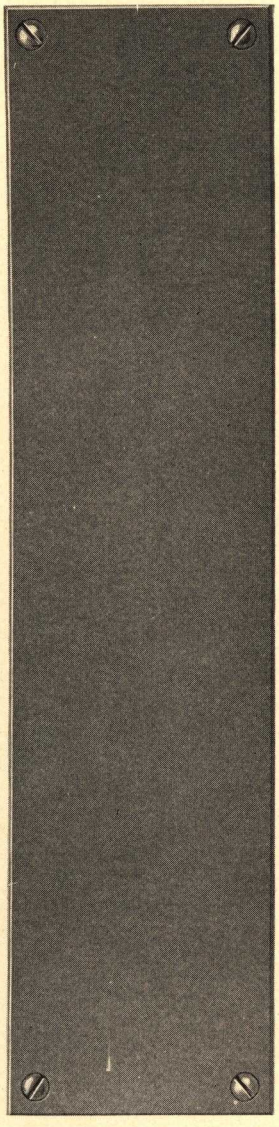


GS Section

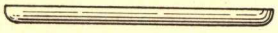


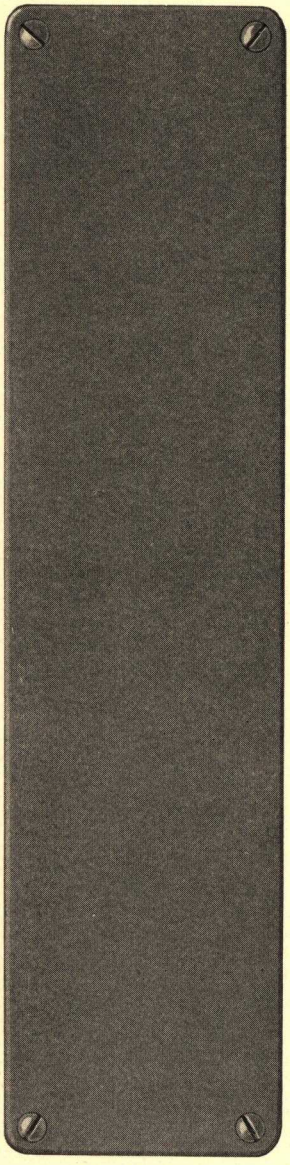
No. GS1730
Type of No. GR1730





No. GN1730





No. GT1730

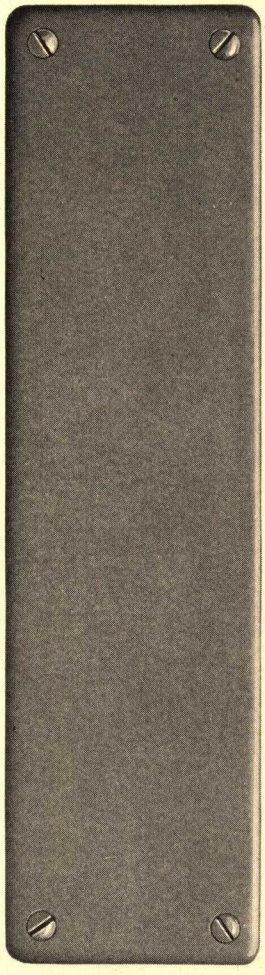
Cast Bronze or Brass and (Iron, FX80 only)

No.	Design	Size
GN1730	Newton	12 x 3, 12 x 3½, 14 x 3½, 16 x 4, 18 x 4 in.
GR1730	Revere	12 x 3, 12 x 3½, 14 x 3½, 15 x 3½, 16 x 3½, 16 x 4, 18 x 4 in.
GS1730	Stonington	12 x 3, 12 x 3½, 14 x 3½, 15 x 3½, 16 x 3½, 16 x 4, 18 x 4 in.
GT1730	Trenton	12 x 3, 12 x 3½, 14 x 3½, 16 x 3½, 16 x 4, 18 x 4 in.

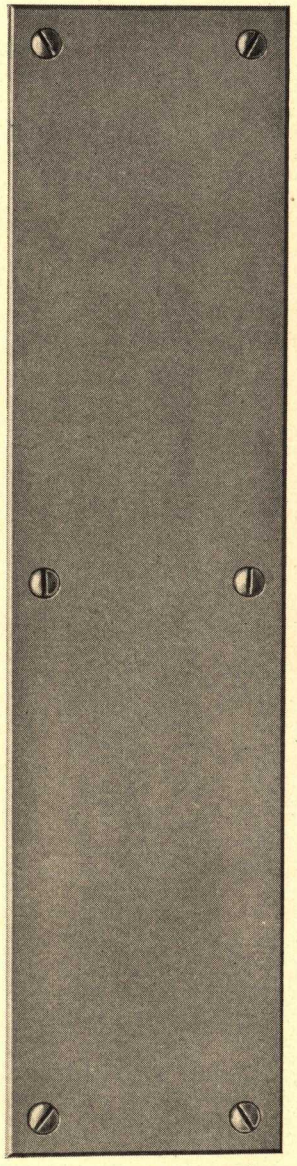
When ordering, give list number, size and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

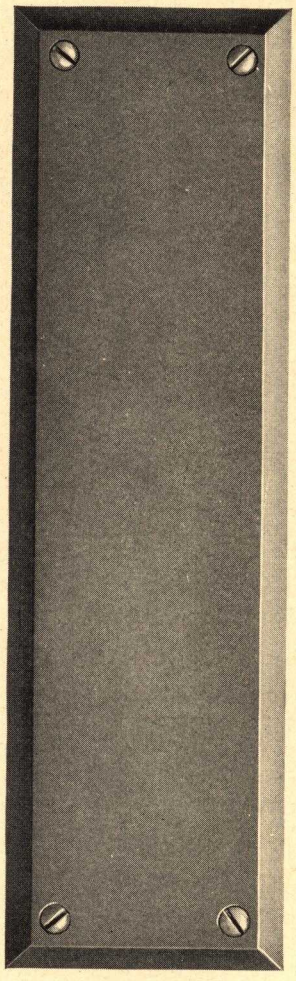
PUSH PLATES



Nos. DT1730 and BT1730
Torian Design



No. DR1730
Solid Rolled



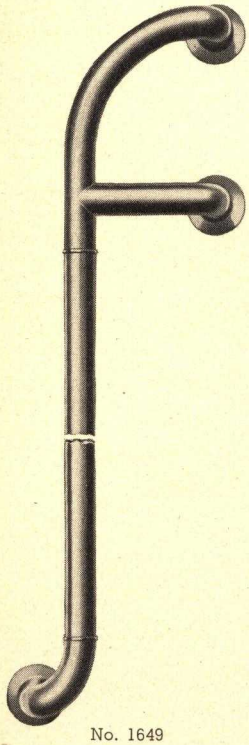
Nos. DU1730 and BU1730
Utopian Design

Wrought Bronze or Brass and Steel

No.	Description	Sizes
DR1730	Solid rolled bronze	12 x 3, 15 x 3½, 16 x 4 in.
DT1730	Wrought bronze	10 x 2¾, 12 x 3 in.
DU1730	" "	10 x 3, 14 x 3 "
BT1730	" steel	10 x 2¾, 12 x 3 "
BU1730	" "	10 x 3, 14 x 3 "

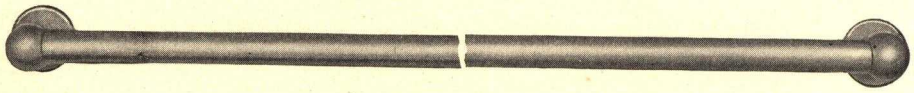
When ordering, give list number, size and finish. For finishes, see page XXV.

PUSH BARS



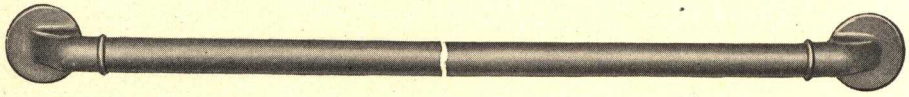
No. 1649

Standards, cast bronze, 2 in. dia., 2½ in. projection.
Bars round, 1 in. dia. 1½ in. clearance.
Regular, 3 ft. 2 in. C. to C. of top and bottom standards. Other sizes to order. 5⅝ in. C. to C. of two upper standards. 4⅜ from C. of bar to C. upper standards. 1½ in. from C. of bar to C, bottom standard Handed. Specify hand.



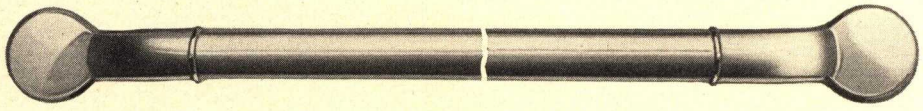
No. 1641

Standards, cast bronze, 2 in. dia.; 2⅝ in. projection.
Bars, round, 1 in. dia.; 1⅜ in. clearance.



No. 1642

Standards, cast bronze, 2½ in. dia.; 2¼ in. projection.
Bars, round, 1 in. dia.; 1¼ in. clearance.

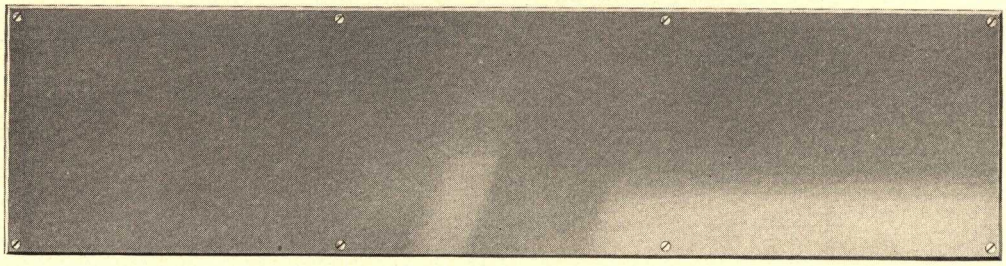


No. 1643

Standards, cast bronze, 2 in. dia.; 2⅞ in. projection.
Bars, round, 1 in. dia.; 1⅝ in. clearance.

†Regular lengths, 24, 30 and 36 inches. Other lengths to order.
All bars furnished regularly with wood screws. If wanted with through bolts, so specify.
†The length of push bars is the distance from C. to C. of the standards.
When ordering, give list number and length of bar, measuring from center to center of standards, and finish.
For finishes, see page XXV.

KICK PLATES



Edges beveled on three sides

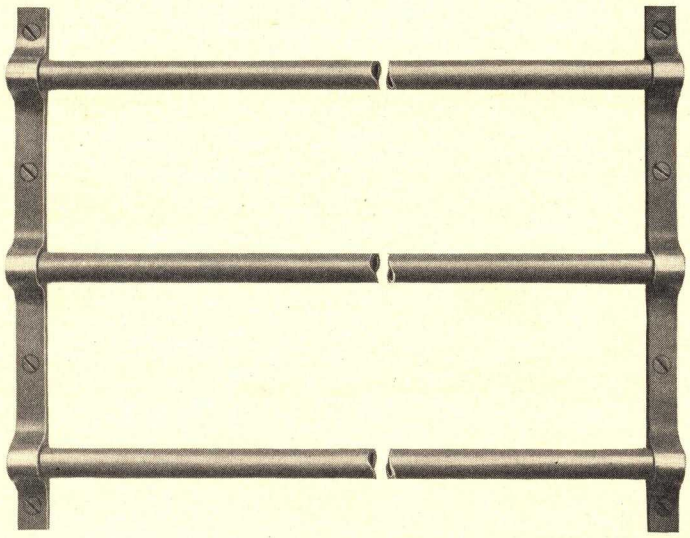
No.	Gauge	Material
14	No. 14	Wrought bronze or brass
16	" 16	" " " "

Square Edge

No.	Gauge	Material
014	No. 14	Wrought bronze or brass
016	" 16	" " " "

Packed with screws.

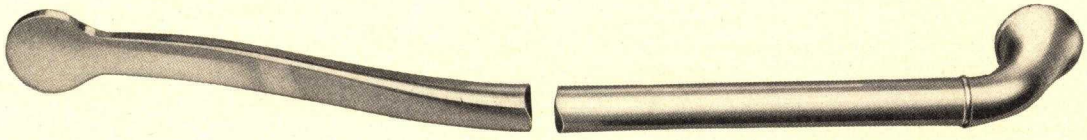
PUSH BARS



Nos. 1681 to 1686. Bars 4 in. center to center
Nos. 1691 to 1696. Bars 2½ in. center to center

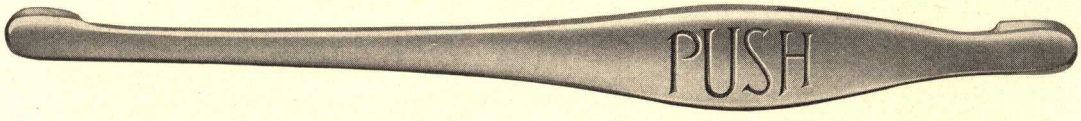
No. with 4 in. Spacing	Length of Standard	No. with 2½ in. Spacing	Length of Standard	Number of Bars	Diameter of Bars	Width of Standard	Projection
1681	3 in.	**1691**	3⅛ in.	1	⅝ in.	⅝ in.	1⅛ in.
1682	7 "	**1692**	5⅝ "	2	⅝ "	⅝ "	1⅛ "
1683	11 "	**1693**	8⅛ "	3	⅝ "	⅝ "	1⅛ "
1684	15 "	**1694**	10⅝ "	4	⅝ "	⅝ "	1⅛ "
1685	19 "	**1695**	13⅛ "	5	⅝ "	⅝ "	1⅛ "
1686	23 "	**1696**	15⅝ "	6	⅝ "	⅝ "	1⅛ "

Standards cast bronze.
Bars can be furnished any length desired. Measure from C. to C. of standards.



No. 1672 Push Bar

Standards cast bronze 1⅞ in. dia. Projection 3 in.
Bar 1 in. dia., clearance 2 in.
Attached by machine screws through door.
†Regular lengths 24, 30 and 36 inches. Other lengths to order.

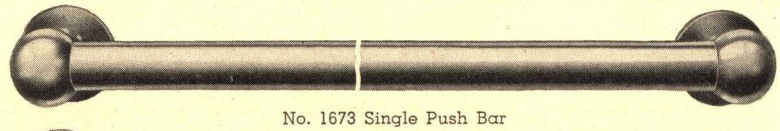


No. 1664 Push Bar* (Left Hand)

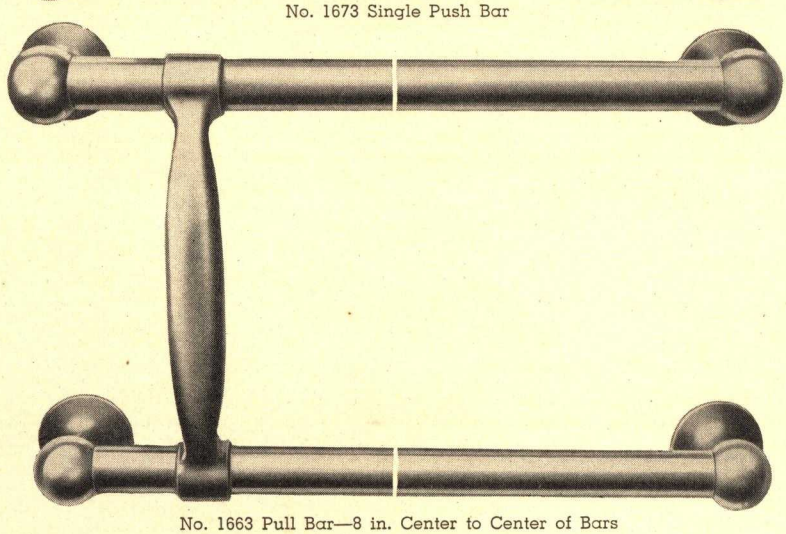
Cast bronze. Width over all, 2 3/16 in. Projection 1¼ in. Clearance 13/16 in.
†Lengths 16, 16½, 19, 20, 20¾, 21¾, 24, 24½, 25, 25½, 26, 26½, 27, 27¼, 28, 28¼, 28½, 29, 29½, 30, 30½, 31, 31½, 31¾, 32, 32½, 32¾, 34¾, 36, 36¾, 37 and 39½ in.
Attached by machine screws through door.

*Handed, specify hand. Illustration shows left hand.
†The length of push bars is the distance from C. to C. of the standards.
When ordering, give list number and length of bar, measuring from center to center of standards, and finish. For finishes, see page XXV.

COMBINED PULL AND PUSH BARS

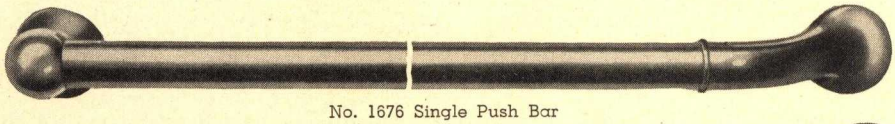


No. 1673 Single Push Bar

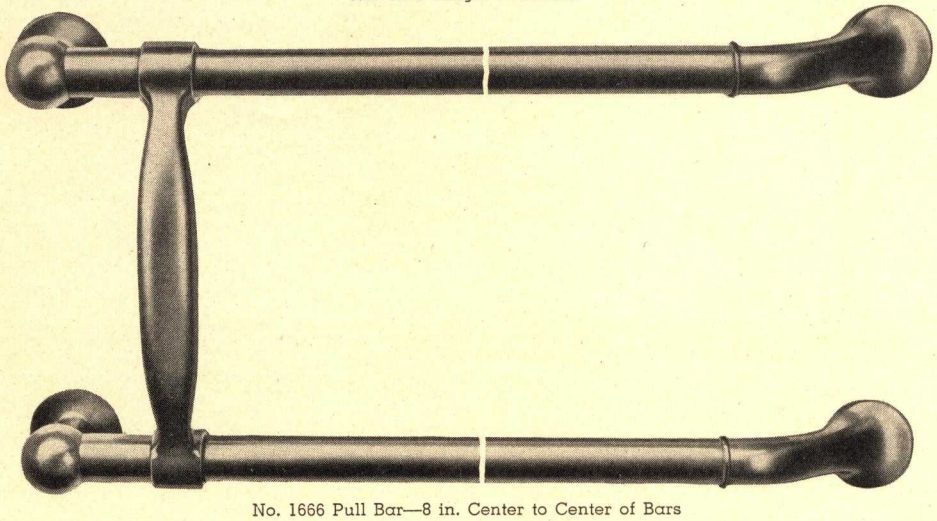


No. 1663 Pull Bar—8 in. Center to Center of Bars

Set No. 1653 consists of one No. 1663 bar for outside and two No. 1673 bars for inside
Standards, cast bronze, 2 in. dia.; 2¾ in. projection.
Bars, round, 1 in. dia.; 1½ in. clearance.
Projection of grip, 3⅝ in. Center of standard to center of grip, 3 in.
† Regular lengths 24, 30 and 36 inches. Other lengths to order



No. 1676 Single Push Bar

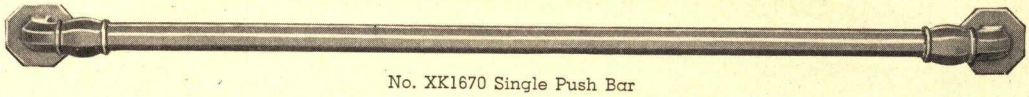


No. 1666 Pull Bar—8 in. Center to Center of Bars

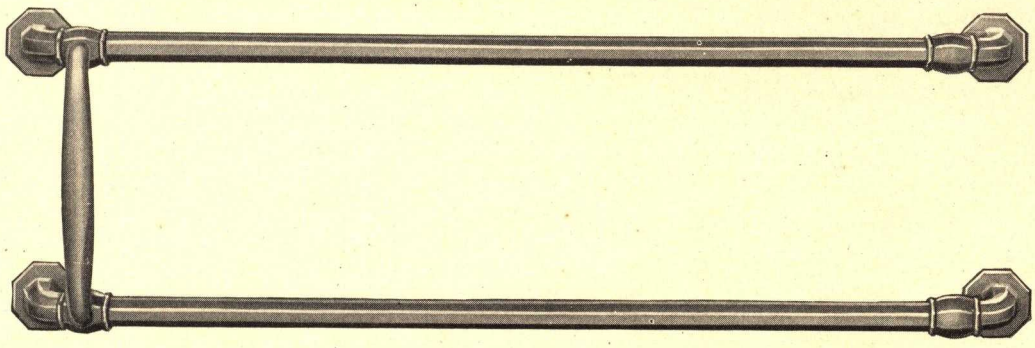
Set No. 1656 consists of one No. 1666 bar for outside, and two No. 1676 bars for inside.
Standards, cast bronze, 2 in. dia.; 2¾ in. projection.
Bars, round, 1 in. dia.; 1½ in. clearance.
Projection of grip, 3⅝ in. Center of standard to center of grip, 3 in.
† Regular lengths 24, 30 and 36 inches. Other lengths to order.

Outside bars are secured by machine screws from the inside. Inside bars are fastened by surface screws.
†The length of push bars is the distance from C. to C. of the standards.
When ordering, give list number and length of bar, measuring from center to center of standards, and finish.
For finishes, see page XXV.

COMBINED PULL AND PUSH BARS

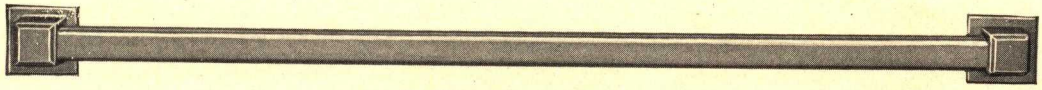


No. XK1670 Single Push Bar

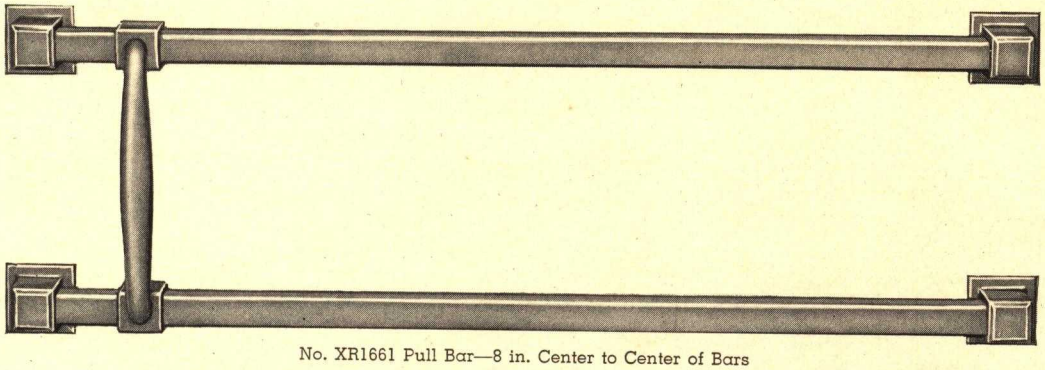


No. XK1660 Pull Bar—8 in. Center to Center of Bars

Standards, cast bronze, 2⅛ x 2⅛ in.; 2½ in. projection.
Bars, octagon, ⅞ in. dia.; 1¼ in. clearance.
† Regular lengths, 24, 30 and 36 inches. Other lengths to order.



No. XR1671 Single Push Bar

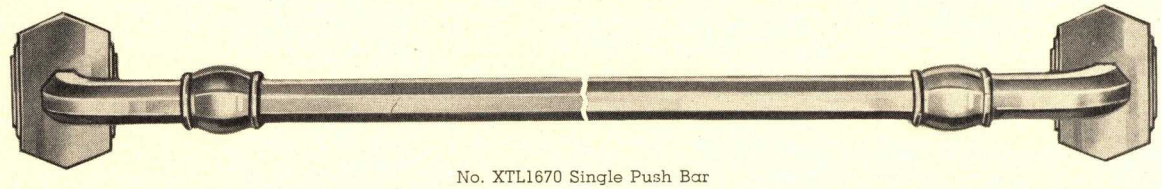


No. XR1661 Pull Bar—8 in. Center to Center of Bars

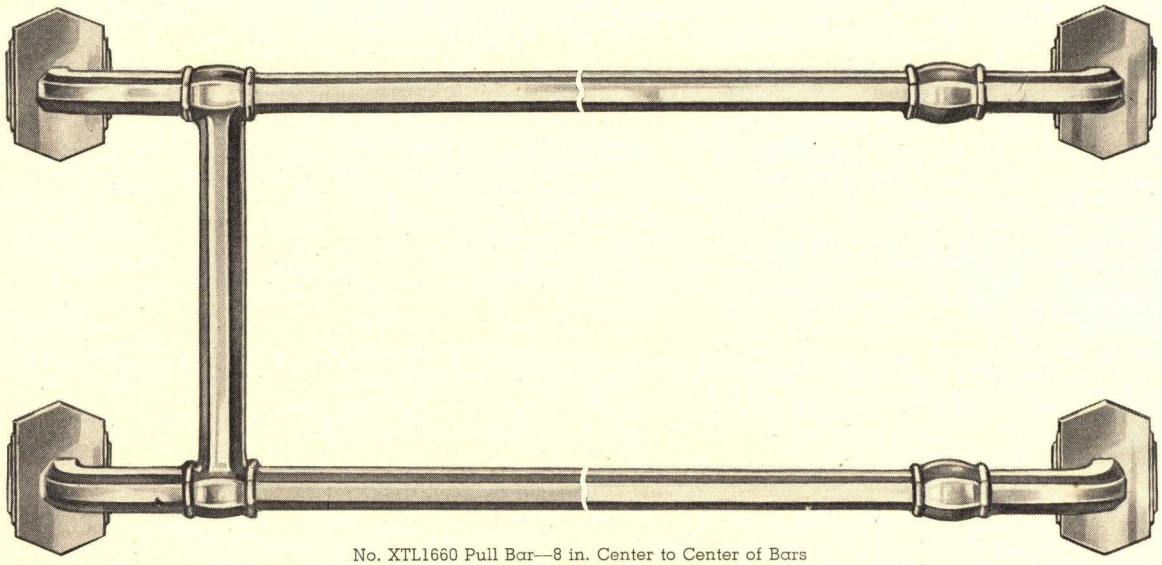
Standards, cast bronze, 2⅛ x 2⅛ in.; 1¾ in. projection.
Bars, square, 1 x 1 in.; ½ in. clearance.
† Regular lengths, 24, 30 and 36 inches. Other lengths to order.

Outside bars are secured by machine screws from the inside. Inside bars are fastened by surface screws.
†The length of push bars is the distance from C. to C. of the standards.
When ordering, give list number and length of bar, measuring from center to center of standards, and finish.
For finishes, see page XXV.

COMBINED PULL AND PUSH BARS

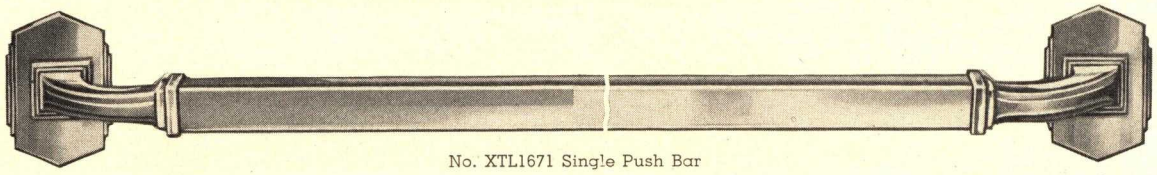


No. XTL1670 Single Push Bar

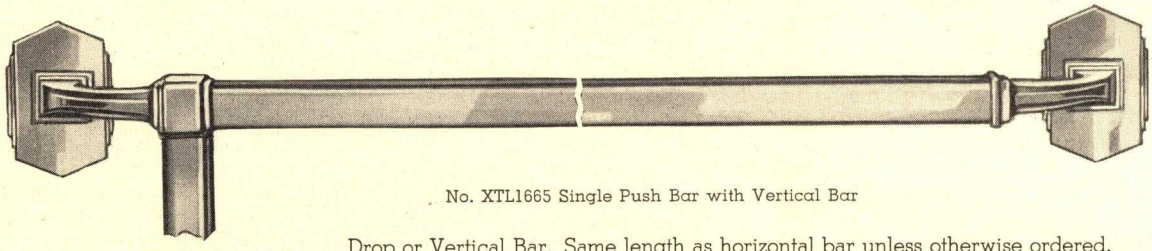


No. XTL1660 Pull Bar—8 in. Center to Center of Bars

Standards, cast bronze, $3\frac{5}{16}$ x $2\frac{1}{4}$ in.; $2\frac{3}{8}$ in. projection.
Bars, octagon, $\frac{7}{8}$ in. dia.; $1\frac{3}{8}$ in. clearance.
† Regular lengths, 24, 30 and 36 inches. Other lengths to order.



No. XTL1671 Single Push Bar



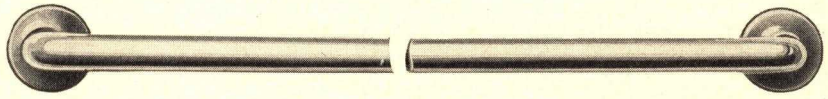
No. XTL1665 Single Push Bar with Vertical Bar

Drop or Vertical Bar. Same length as horizontal bar unless otherwise ordered.

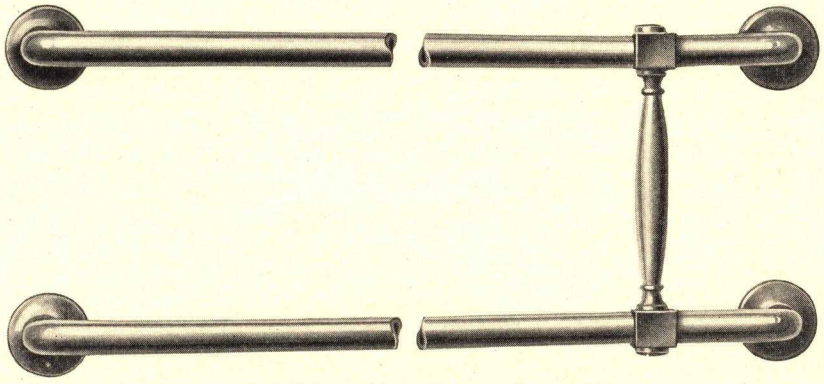
No. XTL1661 Double Pull Bar—8 in. C. to C. of Bars.
Standards, cast bronze, $3\frac{5}{16}$ x $2\frac{1}{4}$ in.; $2\frac{1}{4}$ in. projection.
Bars, square, 1 x 1 in.; $1\frac{1}{2}$ in. clearance.
† Regular lengths, 24, 30 and 36 inches. Other lengths to order.

Outside bars are secured by machine screws from the inside. Inside bars are fastened by surface screws.
†The length of push bars is the distance from C. to C. of the standards.
When ordering, give list number and length of bar, measuring from center to center of standards, and finish.
For finishes, see page XXV.

COMBINED PULL AND PUSH BARS

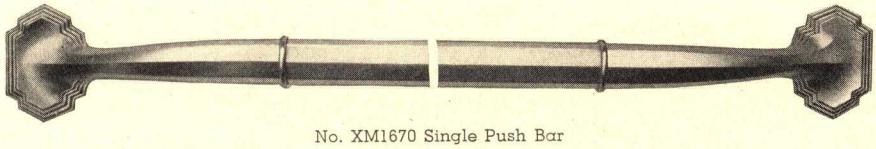


No. 1671 Single Push Bar

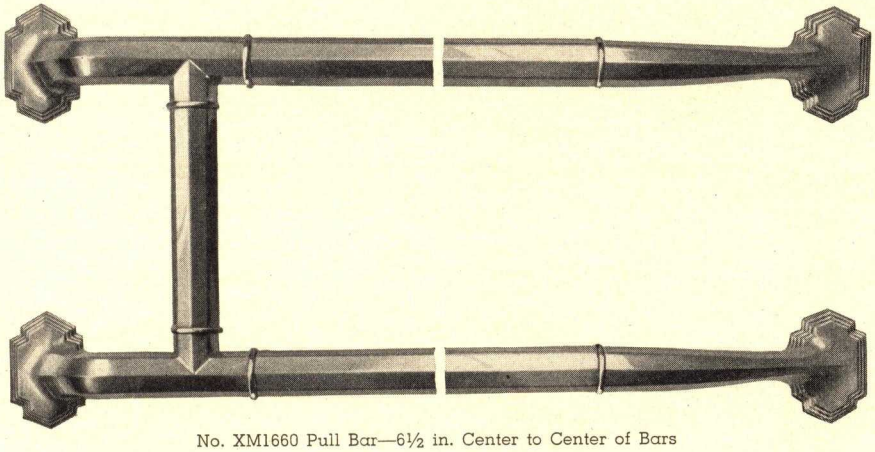


No. 1661 Pull Bar—6¼ in. Center to Center of Bars

Standards, cast bronze, 1⅞ in. dia.; 1 15/16 in. projection.
Bars, round, ¾ in. dia.; 1 3/16 in. clearance.
† Regular lengths 24, 30 and 36 inches. Other lengths to order.



No. XM1670 Single Push Bar

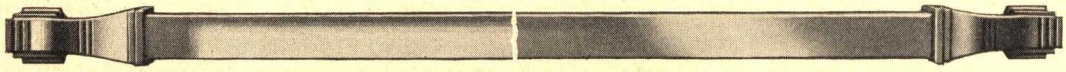


No. XM1660 Pull Bar—6½ in. Center to Center of Bars

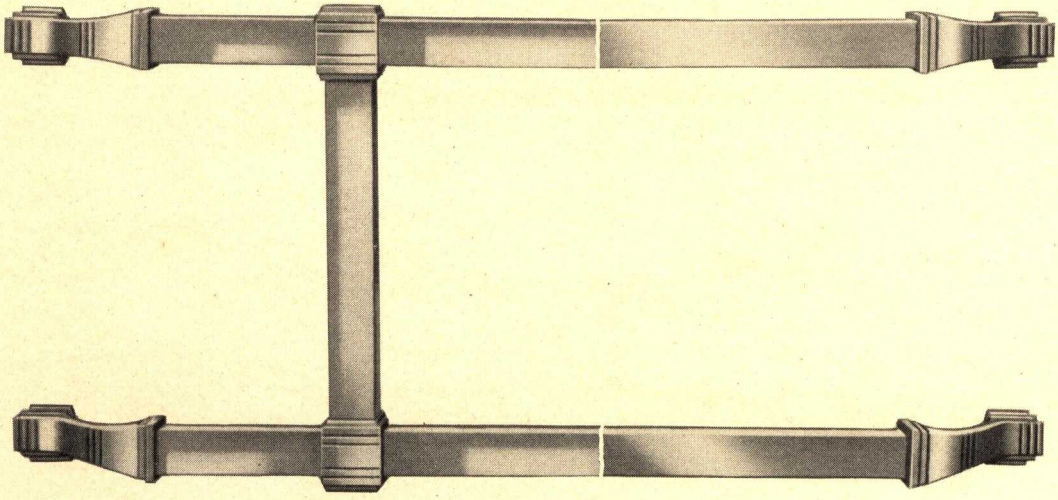
Standards, cast bronze, 2½ x 1¾ in.; 2½ in. projection.
Bars, octagon, 1 in. dia.; 1½ in. clearance.
† Regular lengths, 24, 30 and 36 inches. Other lengths to order.

Outside bars are secured by machine screws from the inside. Inside bars are fastened by surface screws.
†The length of push bars is the distance from C. to C. of the standards.
When ordering, give list number and length of bar, measuring from center to center of standards, and finish.
For finishes, see page XXV.

COMBINED PULL AND PUSH BARS

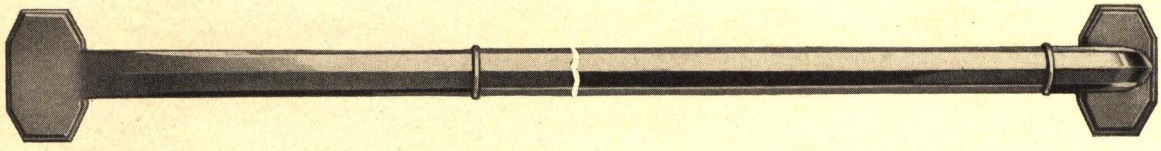


No. XP1671 Single Push Bar

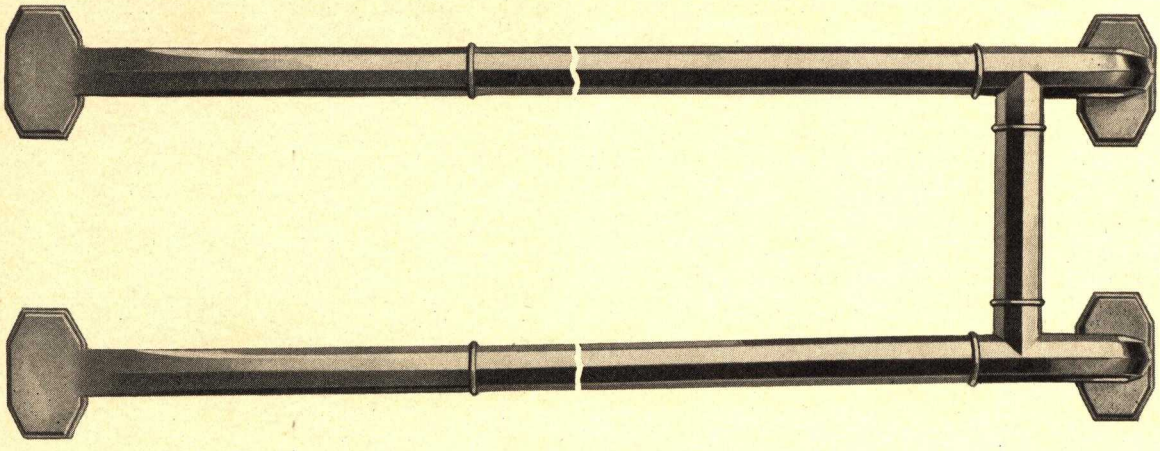


No. XP1661 Pull Bar—7⅝ in. Center to Center of Bars

Standards, cast bronze, 1 x 1⅛ in. 2 1/16 in. projection.
Bars, square, 1 x 1 in.; 1 in. clearance.
† Regular lengths, 24, 30 and 36 inches. Other lengths to order.



No. RR1670 Single Push Bar

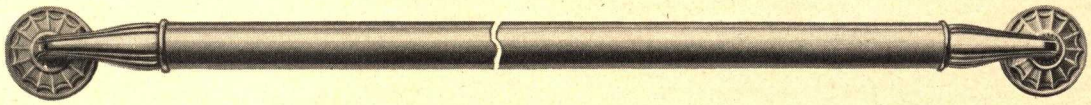


No. RR1660 Pull Bar—6 in. Center to Center of Bars

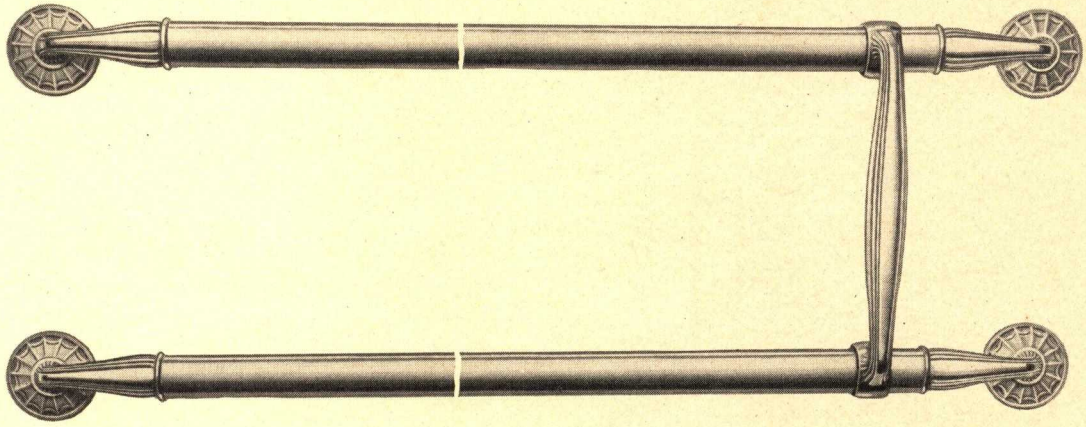
Standards, cast bronze, 2⅞ x 1¾ in.; 2⅜ in. projection.
Bars, octagon, 1 in. dia.; 1 5/16 in. clearance.
† Regular lengths, 24, 30 and 36 inches. Other lengths to order.

Outside bars are secured by machine screws from the inside. Inside bars are fastened by surface screws.
†The length of push bars is the distance from C. to C. of the standards.
When ordering, give list number and length of bar, measuring from center to center of standards, and finish.
For finishes, see page XXV.

COMBINED PULL AND PUSH BARS

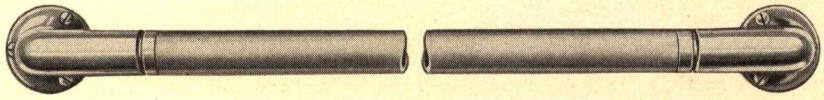


No. XG1677 Single Push Bar

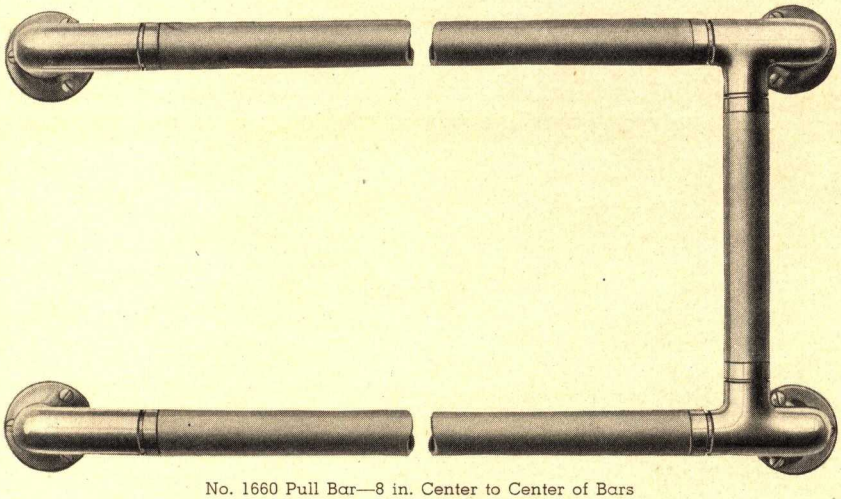


No. XG1662 Pull Bar—8 in. Center to Center of Bars

Standards, cast bronze, 2¼ in. dia.; 1¾ in. projection.
Bars, round, 1⅛ in. dia.; ⅝ in. clearance.
† Regular lengths, 24, 30 and 36 inches. Other lengths to order.



No. 1670 Single Push Bar



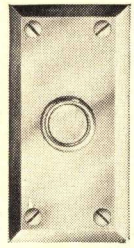
No. 1660 Pull Bar—8 in. Center to Center of Bars
No. 1665 Single Bar and Pull. Grip 8 in.

Standards, cast bronze, 2 in. dia.; 2¼ in. projection.
Bars, round, 1 in. dia.; 1¼ in. clearance.
† Regular lengths, 24, 30 and 36 inches. Other lengths to order.

Outside bars are secured by machine screws from the inside. Inside bars are fastened by surface screws.
†The length of push bars is the distance from C. to C. of the standards.
When ordering, give list number and length of bar, measuring from center to center of standards, and finish.
For finishes, see page XXV.

PUSH BUTTONS

CUTS ONE-HALF SIZE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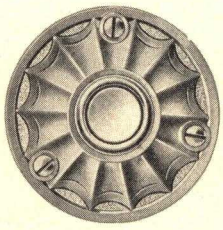
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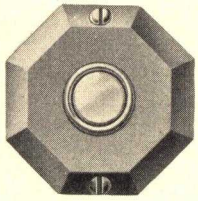
No. 1400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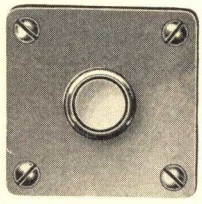
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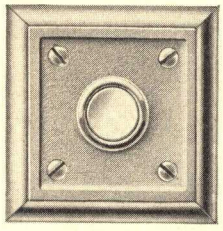
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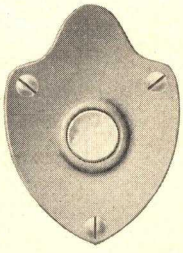
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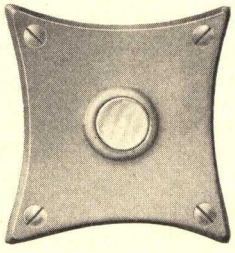
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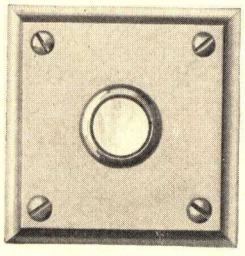
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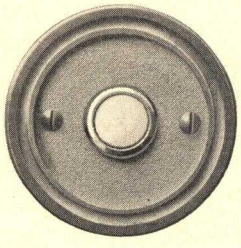
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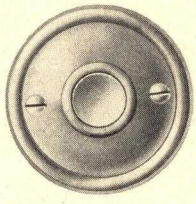
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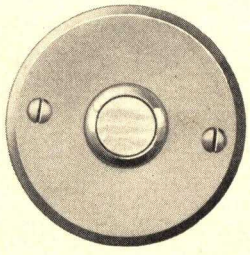
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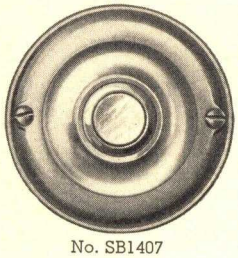
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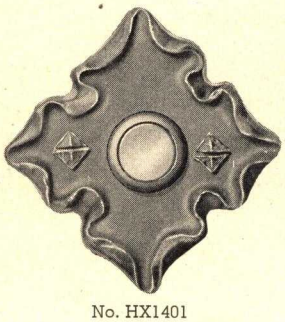
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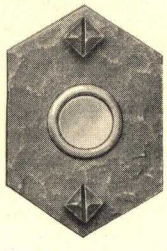
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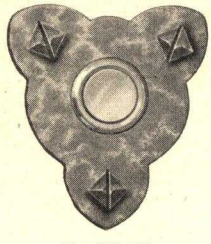

No. JN1413


No. PV1413

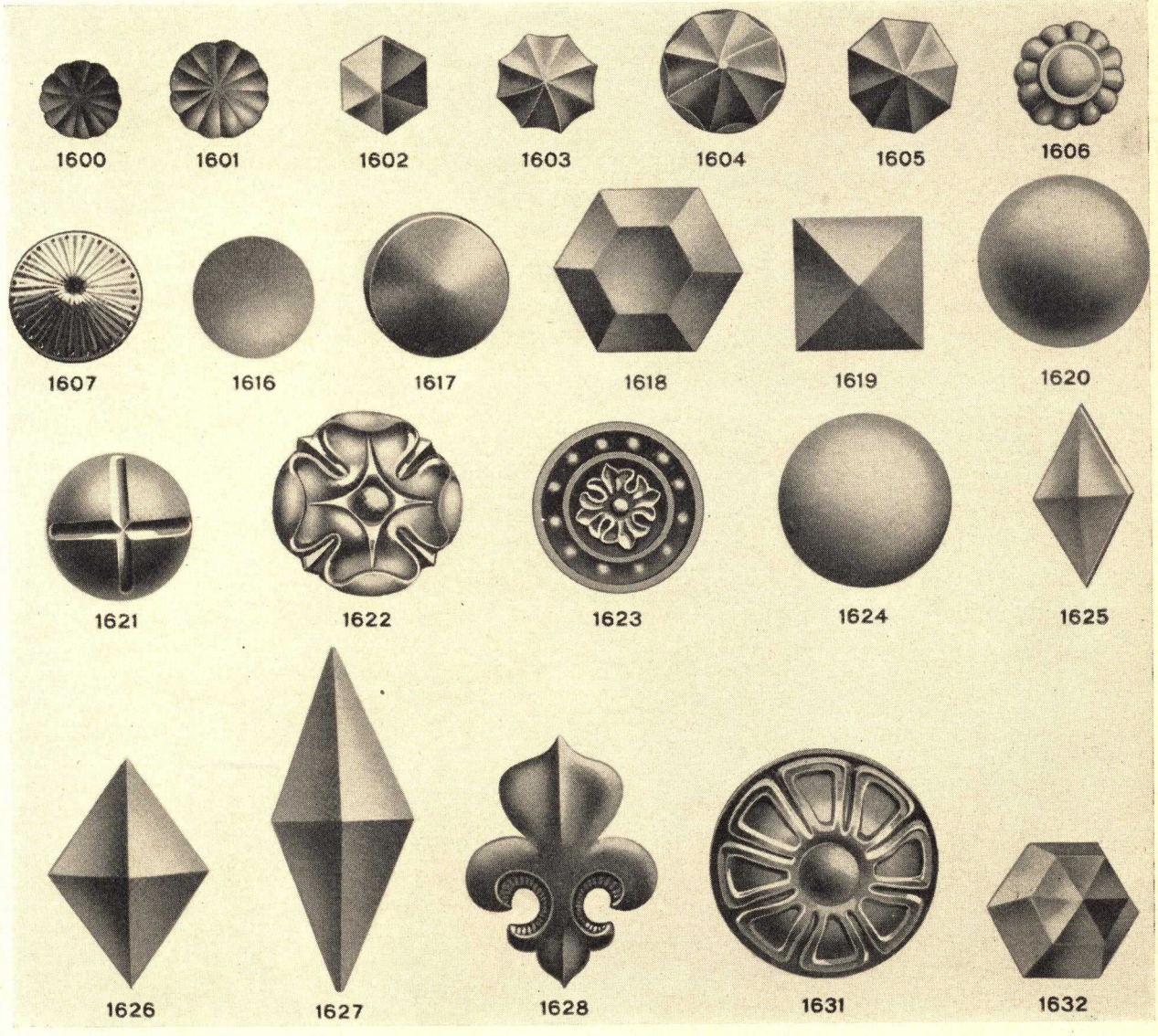
No.	Material		Design	Size
1400	Wrought bronze		.....	13/16 in. dia.
DU1413	"	"	Utopian	3 1/2 x 1 3/4 in.
GA1401	Cast	"	Athenian	2 5/16 x 2 5/16 "
HX1401	"	" or nickeline	Xenia	2 7/8 x 2 7/8 "
JD1401	"	"	Dedham	2 1/2 x 2 1/2 "
PN1401	"	"	Newport	2 1/2 x 2 1/2 "
UH1401	"	"	Hadley	2 x 2 "
KA1407	"	"	Alameda	2 x 2 "
MF1407	"	"	Fenway	2 7/16 in. dia.
MG1407	"	"	Gateshead	2 1/4 " "
SB1407	"	"	Braintree	2 3/8 " "
SW1407	"	"	Wellesley	2 " "
TM1407	"	"	Mystic	2 1/2 " "
IC1413	"	" or nickeline	Coronado	2 1/2 x 1 11/16 in.
JN1413	"	" " "	Naco	2 3/8 x 2 1/16 "
PV1413	"	" " "	Verano	3 1/2 x 1 3/4 "
QY1413	"	"	Yatton	2 1/2 x 1 1/8 "

Packed: Each in a box with screws.

When ordering, give list number, name of design and finish. For finishes, see page XXV.

CUTS
FULL SIZE

STUDS AND ROSETTES



Cast Bronze and Iron

No.	Size
1600	3/8 in. dia.
1601	1/2 " "
1602	1/2 " "
1602A	3/8 " "
1603	5/8 " "
1603A	3/8 " "
1604	3/4 " "
1605	11/16 " "
1606	5/8 " "
1607	3/4 " "
1616	3/4 in. dia.
1616A	9/16 " " 3/8 in. proj.
1617	7/8 " "
1618	1 " "
1618A	11/16 " "
1619*	3/4 x 3/4 in.
1620†	1 in. dia.
1621	3/4 " "
1621A	1/2 " "
1622	1 " "
1622A	3/4 in. dia.
1623	7/8 " "
1624‡	1 " "
1625	1 1/16 x 9/16 in.
1626§	1 1/4 x 7/8 "
1627	2 x 3/4 "
1628	1 7/16 x 1 1/16 "
1631	1 1/4 in. dia.
1632	7/8 " " 1 1/2 in. proj.

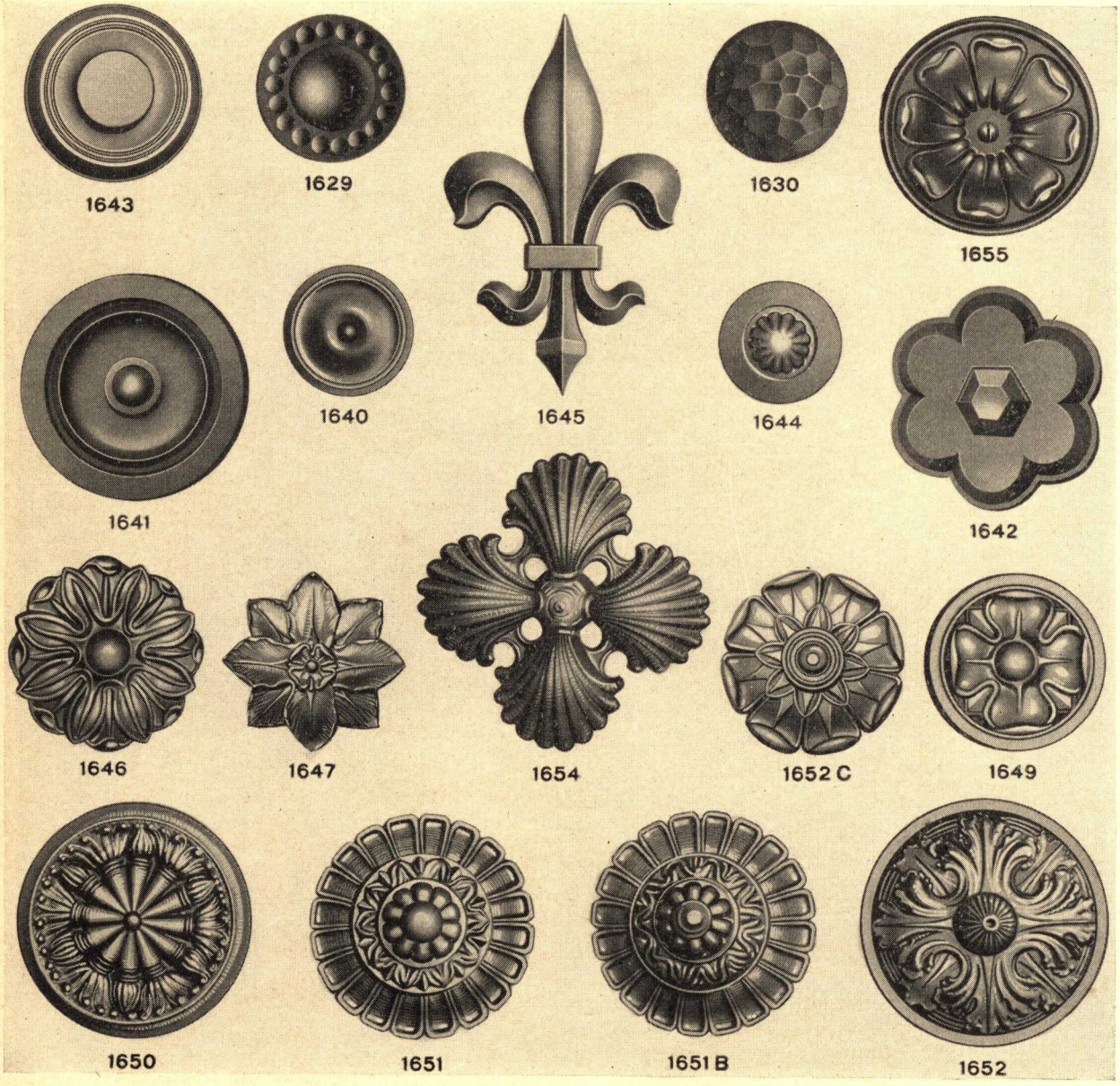
*No. 1619 made in 9 other sizes, 1/8 x 1/8 to 2 1/2 x 2 1/2 in. †No. 1620 made in 7 other sizes, 3/8 to 1 1/2 in. diameter.

‡ No. 1624 made in 4 other sizes, 3/8 to 3/4 in. sphere. § No. 1626 made in 4 other sizes, 5/16 x 3/16 to 1 x 3/8 in. For list numbers, dimensions, etc., see Price Book.

All studs are attached by nails cast in back.

When ordering give list number and finish. For finishes see page XXV.

STUDS AND ROSETTES



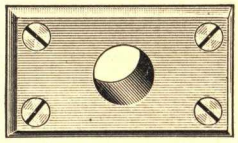
Cast Bronze and Iron

No.	Size	No.	Size	No.	Size
1629	1½ in. dia.	1645	5⅛ x 3⅛ in.	1652	3¼ in. dia.
1630	1⅜ " "	1646	2½ in dia.	1652A	1½ " "
1640	1¾ " "	1647	2½ " "	1652B	2½ " "
1641	3 " "	1649	2⅜ " "	1652C	2½ " "
1642	3 " "	1650	3⅛ " "	1654	3⅛ " "
1643	2⅜ " "	1651	3 " "	1655	2⅞ " "
1644	1⅝ " "	1651B	3 " " 2 in. proj.	1655A	1⅝ " "

All studs are attached by nails cast in back; rosettes, by screw through center.
When ordering give list number and finish. For finishes see page XXV.

SASH SOCKETS, POLE HOOKS AND HANGERS

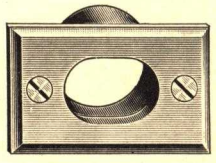
CUTS ONE-HALF SIZE



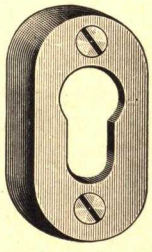
Nos. 1245 and 2245



Nos. D1240 and B2240
Sash Sockets



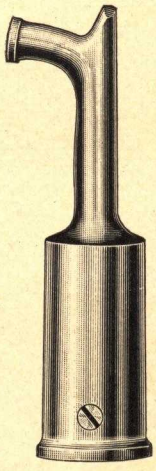
Nos. 1248 and 2248
Sash Sockets



Nos. 1269 and 2269
Sash Pole Hangers



Nos. 1270 and 2270

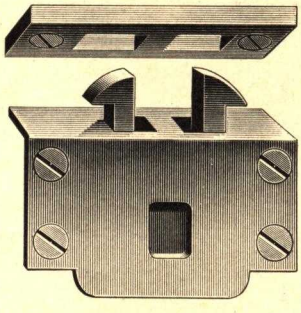


Nos. 1276 and 2276
Sash Pole Hooks

No.	Article	Material	Size	Diam. of Socket
D1240	Sash socket	Wrought bronze	1 in. dia.	½ in.
1245	" "	Cast "	1⅜ x 2⅜ in.	....
1248	" "	" "	1¼ x 2¼ "	....
B2240	" "	Wrought steel	1 in. dia.	½ in.
2245	" "	Cast iron	1⅜ x 2⅜ in.	....
2248	" "	" "	1¼ x 2¼ "	....
1269	Sash pole hanger	" bronze	2⅜ x 1 3/16 "	....
2269	" " "	" iron	2⅜ x 1 3/16 "	....
1270	" " hook	" bronze	2⅞ x 1 "	⅝ in.
1276	" " "	" "	4¾ x 1¼ "	1 "
2270	" " "	" iron	2⅞ x 1 "	⅝ "
2276	" " "	" "	4¾ x 1¼ "	1 "

Packed: Nos. 1248, 2248, 1269 and 2269, 3 doz. in a box with screws. Nos. D1240, B2240, 1245, 2245, 1270 and 2270, 1 doz. in a box, with screws. Nos. 1276 and 2276, ½ doz. in a box, with screws.

Sash Socket and Lock



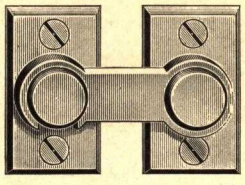
No. 1257

Cast Bronze or Brass

No.	Plate	Edge to centre	Strike
1257	1¾ x 2⅞ x 7/16 in.	1 in.	½ x 2¾ in.

Packed: ½ doz. in a box, with screws.

Shutter Bar



No. 1384

Solid Rolled Bronze

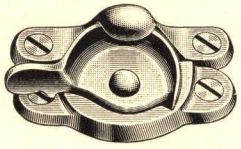
No.	Plates	Bar
1384	1¾ x 1 in.	½ x 2¼ in.

Packed: 1 doz. in a box, with screws.

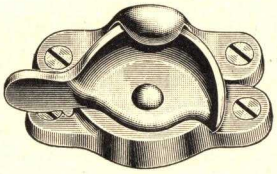
When ordering, give list number and finish. For finishes, see page XXV.

SASH FASTENERS

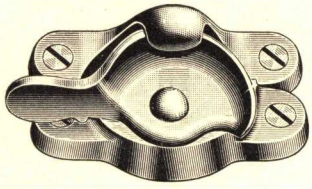
CUTS ONE-HALF SIZE



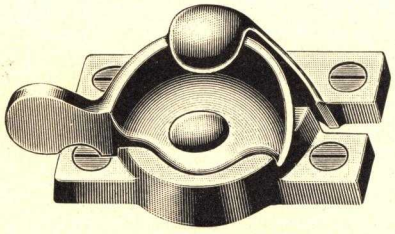
Nos. 1441 and 2441



Nos. 1442 and 2442



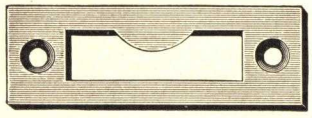
Nos. 1443 and 2443



Nos. 1445 and 2445



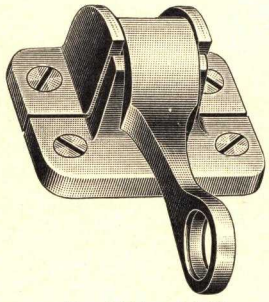
Straight Back Strike



Flush Strike

No.	Material	Size
1441	Cast bronze	7/8 x 2 1/2 in.
1442	" "	1 x 2 5/8 "
1443	" "	1 1/8 x 3 "
1445	" "	1 1/4 x 3 5/16 "
2441	" iron	7/8 x 2 1/2 "
2442	" "	1 x 2 5/8 "
2443	" "	1 1/8 x 3 "
2445	" "	1 1/4 x 3 5/16 "

Packed: 1 doz. in a box, with screws.
A straight back strike or a flush strike can be furnished with Nos. 1441, 1442 and 1443 series sash fasteners, when so ordered.



Nos. 1444 and 2444

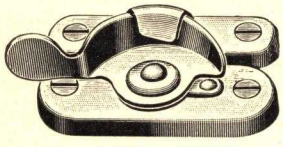
Nos. 1444 and 2444 Sash Fasteners

This type of sash fast is suitable for use on high sash where it is necessary to use a sash pole hook to open and close the windows.

Height when closed 1 1/4 in.

No.	Material	Case	Strike
1444	Cast bronze	1 x 2 3/8 in.	1 x 2 3/8 in.
2444	" iron	1 x 2 3/8 "	1 x 2 3/8 "

Packed: 1 doz. in a box, with screws.



Nos. D1438 and B2438

Nos. D1438 and B2438 Sash Fasteners

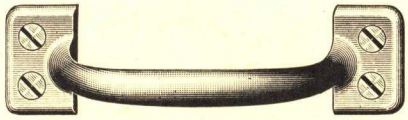
No.	Material	Size
D1438	Wrought bronze	1 x 2 5/8 in.
B2438	" steel	1 x 2 5/8 "

Packed: 1 doz. in a box, with screws.

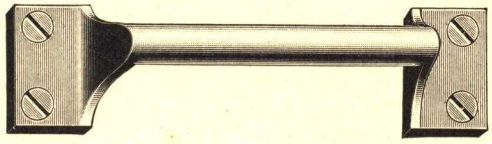
When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

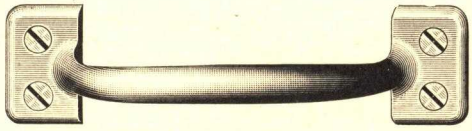
BAR SASH LIFTS



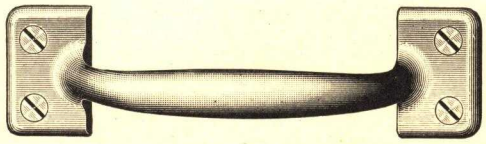
Nos. 1353 and 2353



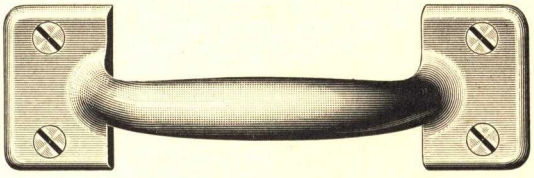
Nos. 1355 and 2355



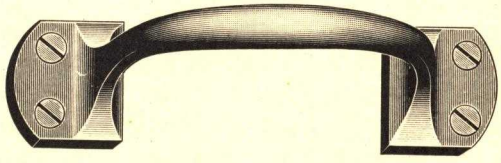
Nos. 1354 and 2354



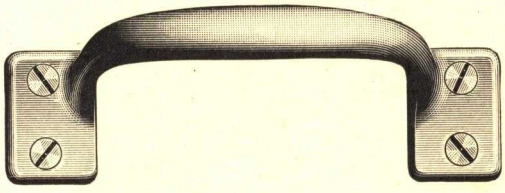
Nos. 1363 and 2363



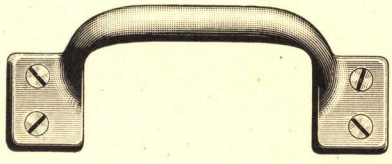
Nos. 1364 and 2364



Nos. 1365 and 2365



Nos. 1380 and 2380



Nos. 1381 and 2381

No.	Material	Size
1353	Cast bronze	1⅛ x 4 in.
1354	" "	1 3/16 x 4⅝ "
1355	" "	1¼ x 5 "
1363	" "	1⅜ x 5 "
1364	" "	1¾ x 5½ "
1365	" "	1¼ x 5¼ "
1380	" "	1⅜ x 5⅛ "
1381	" "	1 x 4 "
2353	" iron	1⅛ x 4 "
2354	" "	1 3/16 x 4⅝ "
2355	" "	1¼ x 5 "
2363	" "	1⅜ x 5 "
2364	" "	1¾ x 5½ "
2365	" "	1¼ x 5¼ "
2380	" "	1⅜ x 5⅛ "
2381	" "	1 x 4 "

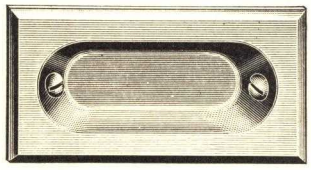
Packed: 1 doz. in a box, with screws.

When ordering, give list number and finish. For finishes, see page XXV.

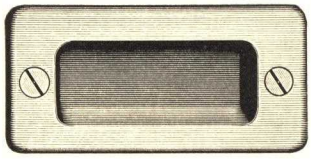
Price Book Section 3A

FLUSH SASH LIFTS

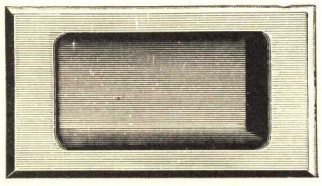
CUTS ONE-HALF SIZE



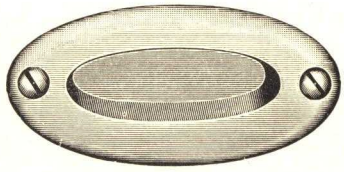
Nos. D1345 and B2345
Nos. DL1345 and BL2345 have no bevel



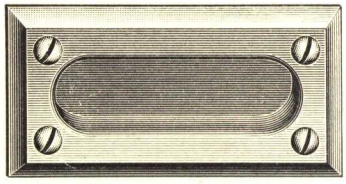
Nos. DT1344 and BT2344



Nos. DP1349 and BP2349



No. DY1349

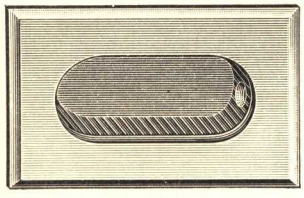


Nos. DU1348 and BU1348

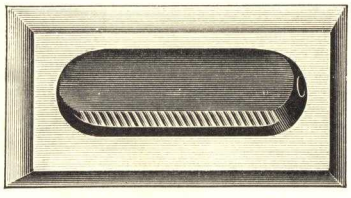
Wrought Bronze, Brass or Steel

No. Brass or Bronze	No. Steel	Size	Size of Cup
DT1344	**BT2344**	1½ x 3 in.	¾ x 2 x ⅜ in.
D1345	**B2345**	1⅝ x 3⅛ "	⅞ x 2⅜ x ⅜ "
DL1345	**BL2345**	1 5/16 x 3⅛ "	⅞ x 2⅜ x 7/16 "
DU1348	**BU1348**	1¾ x 3½ "	¾ x 2½ x 5/16 "
DP1349	**BP2349**	1¾ x 3¼ "	1 x 2¼ x ½ "
DY1349	.....	1⅝ x 3½ "	¾ x 2¼ x 5/16 "

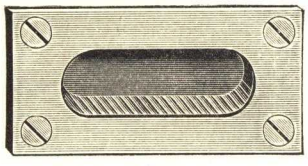
Packed: 2 doz. in a box, with screws.



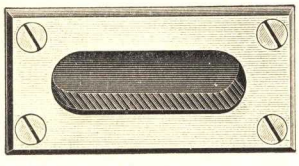
No. GR1350
No. GL1350 has straight sides



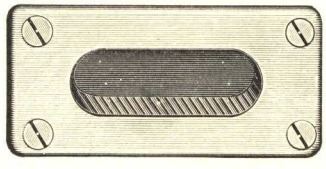
No. XTS1347



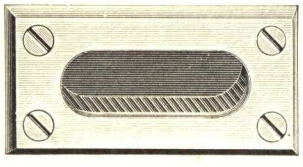
No. GL1344
Style of Nos. GL1347, GL1348, GL1349



No. GN1344
Style of Nos. GN1347, GN1348, GN1349



No. GT1344
Style of Nos. GT1347, GT1348, GT1349



No. GR1344
Style of Nos. GR1347, GR1348, GR1349

Cast Bronze or Brass

No.	Size	Size of Cup	No.	Size	Size of Cup
GL1344	1½ x 3⅛ in.	¾ x 2⅛ x 7/16 in.	**GL1348**	1½ x 3½ in.	⅞ x 2½ x ½ in.
GN1344	1½ x 3⅛ "	¾ x 2⅛ x 7/16 "	**GN1348**	1½ x 3½ "	⅞ x 2½ x ½ "
GR1344	1½ x 3⅛ "	¾ x 2⅛ x 7/16 "	**GR1348**	1½ x 3½ "	⅞ x 2½ x ½ "
GT1344	1½ x 3¼ "	¾ x 2⅛ x 7/16 "	**GT1348**	1½ x 3½ "	⅞ x 2½ x ½ "
GL1347	1¼ x 3 "	¾ x 2⅛ x 7/16 "	**GL1349**	2 x 3½ "	⅞ x 2½ x ½ "
GN1347	1¼ x 3 "	¾ x 2⅛ x 7/16 "	**GN1349**	2 x 3½ "	⅞ x 2½ x ½ "
GR1347	1¼ x 3 "	¾ x 2⅛ x 7/16 "	**GR1349**	2 x 3½ "	⅞ x 2½ x ½ "
GT1347	1¼ x 3 "	¾ x 2⅛ x 7/16 "	**GT1349**	2 x 3½ "	⅞ x 2½ x ½ "
XTS1347	1 5/16 x 3⅝ "	⅞ x 2 9/16 x ⅝ "	**GL1350**	1¾ x 3 "	⅞ x 2 x ½ "
			GR1350	1¾ x 3 "	⅞ x 2 x ½ "

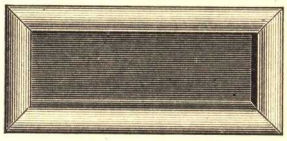
Packed: ½ doz. in a box, with screws.
When ordering, give list number and finish. For finishes, see page XXV.

Price Book Section 3A

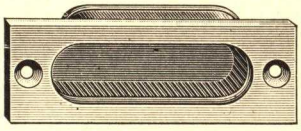
CUTS ONE-HALF SIZE

FLUSH SASH LIFTS

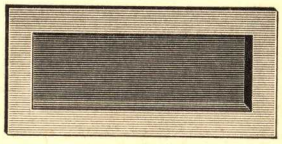
Cast Bronze or Brass



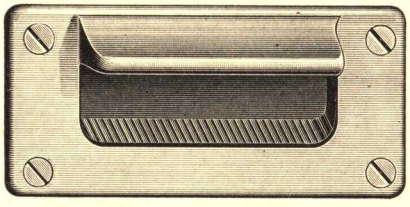
No. XB1348



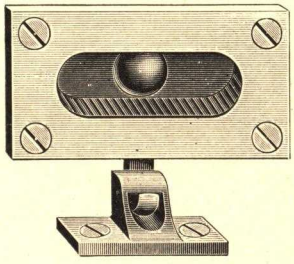
No. GL1345



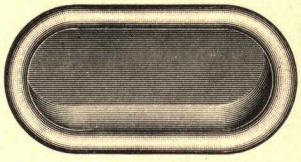
No. NK1347



No. GT1399
Style of Nos. GT1394 and GT1398



Nos. GL11344 and GL11349
Can also furnish GN, GR and GT with locking attachment



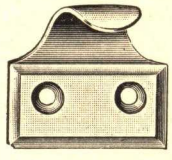
No. XG1344

No.	Size	Size of Cup
XG1344	1½ x 3 in.	1 x 2½ x ½ in.
GL1345	1 x 3 "	⅝ x 2 x ½ "
NK1347	1¼ x 2⅞ "	1 1/16 x 2¼ x 7/16 "
XB1348	1¼ x 2⅞ "	1 1/16 x 2¼ x 7/16 "

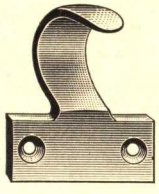
No.	Size	Size of Cup
GT1394	1½ x 3 in.	⅞ x 2¼ x ½ in.
GT1398	1¾ x 3½ "	⅞ x 2½ x ½ "
GT1399	1⅞ x 4⅛ "	⅞ x 2¾ x ½ "
GL11344	1½ x 3⅛ "	¾ x 2⅛ x 7/16 "
GL11349	2 x 3½ "	⅞ x 2½ x ½ "

Packed: ½ doz. in a box with screws.

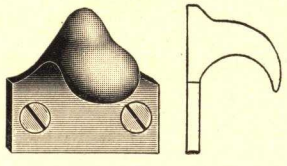
HOOK SASH LIFTS



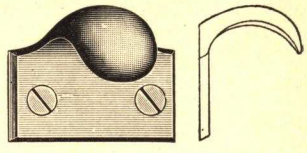
Nos. D1340 and B2340



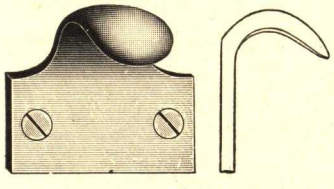
No. G1336



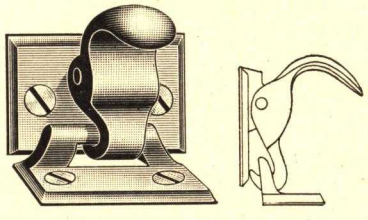
No. GL1338
For extra heavy sash



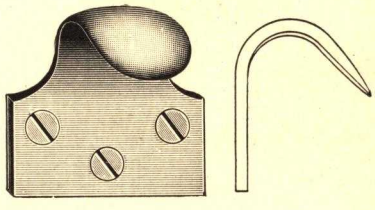
No. GR1343



No. GL1341



Nos. GR1339 and FR2339



No. GL1342

No.	Material	Size	Height
G1336	Cast bronze	⅝ x 1½ in.	1¾ in.
GL1338	" "	¾ x 1½ "	1½ "
GR1339	" "	*1¼ x 1⅞ "	†¾ x 1⅞ in.
D1340	Wrt. "	⅞ x 1⅝ "	1⅜ in.

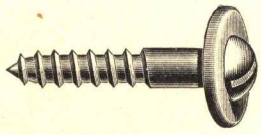
No.	Material	Size	Height
GL1341	Cast bronze	1 x 1⅞ in.	1¾ in.
GL1342	" "	1 x 2 "	2⅛ "
GR1343	" "	⅞ x 1¾ "	1½ "
FR2339	" iron	*1¼ x 1⅞ "	†¾ x 1⅞ in.
B2340	Wrt. steel	⅞ x 1⅝ "	1⅜ in.

*Plate †Strike

Packed: Nos. D1340 and B2340, 3 doz. in a box; others 1 doz. in a box, with screws.

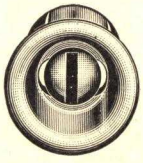
When ordering, give list number and finish. For finishes, see page XXV.

STOP BEAD SCREWS AND WASHERS



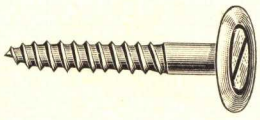
(Full size)

No. 7 Bronze or brass
No. 2007 Steel
Round head screw, 1¼ in.
Flat washer, ⅝ in. dia.



(Full size)

No. 12 Bronze or brass
No. 2012 Steel
Round head screw, 1 in.
Washer, 21/32 in. dia.

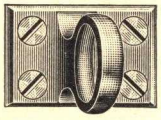


(Full size)

No. 8 Bronze or brass
No. 2008 Steel
Flat head screw, 1¼ in.
Washer, 9/16 in. dia.

All S. B. Screws and Washers Packed: 1 gross in a box.

TRANSOM EYES

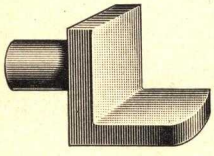


(Half size)
Nos. 1279 and 2279

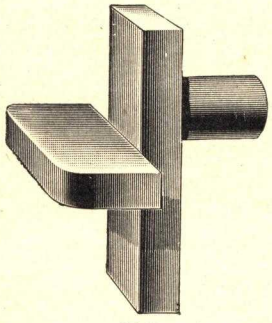
No.	Material	Plate	Hole
1279	Cast bronze	1⅛ x 1⅝ in.	¾ in. dia.
2279	" iron	1⅛ x 1⅝ "	¾ " "

Packed: 1 doz. in a box, with screws.

SHELF RESTS



(Full size)
No. 1930



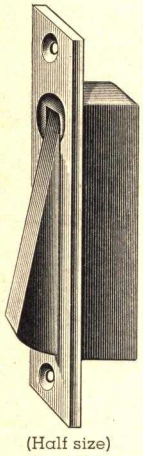
(Full size)
Nos. 1997 and 2997

No.	Material	Pin	Upright	Rest
1930	Cast bronze, unpol.	¼ in. dia.	½ x 7/16 in.	7/16 x 7/16 in.
2930	" iron "	¼ " "	½ x 7/16 "	7/16 x 7/16 "
1932	" brass "	¼ " "	.....	½ x ¾ "
V2996	" iron "	5/16 " "	1¼ x ⅜ x 3/16 in.	⅝ x ⅞ "
1997	" bronze "	⅜ " "	1½ x ⅜ x ¼ "	⅝ x 1⅛ "
V2997	" iron "	⅜ " "	1½ x ⅜ x ¼ "	⅝ x 1⅛ "

Cast brass and bronze shelf rests are unpolished and dipped bright.
Cast iron shelf rests are unpolished, copper dipped.

Packed: 3 doz. in a box.

MORTISE WINDOW GUARD



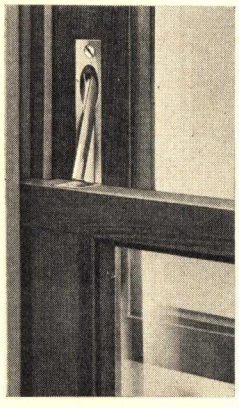
(Half size)
No. 1999

This guard permits a window to be left open and when the guard is thrown, the lower sash cannot be opened beyond point of contact.

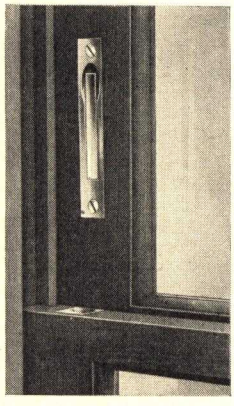
Cast Bronze or Brass

No.	Case	Front	Strike
1999	2¾ x ¾ x 9/16 in.	4⅛ x 1 1/16 in.	1 15/16 x 1 3/16 in.

Packed: ½ doz. in a box with screws.



Guard thrown

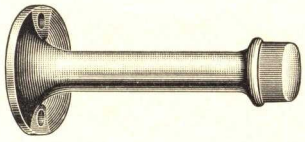


Guard closed

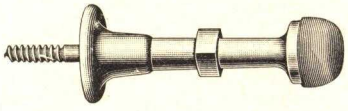
When ordering, give list number and finish. For finishes, see page XXV.

DOOR STOPS

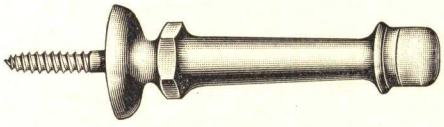
CUTS ONE-HALF SIZE



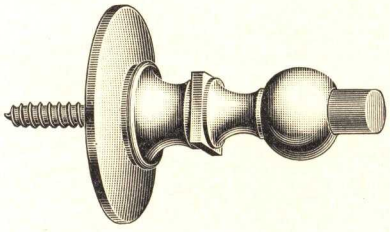
Nos. 817 and 2817



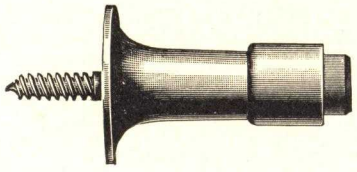
Nos. 815 and 2815



Nos. 812 and 2812 with Wood Screw
Nos. 812½ and 2812½ with Expansion Bolt



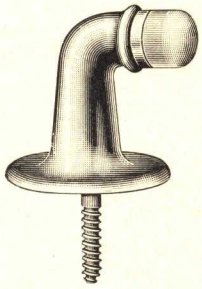
No. 813



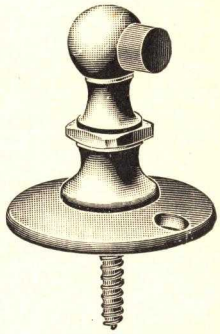
No. 810



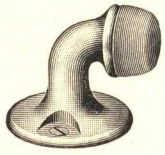
Nos. 800 and 2800



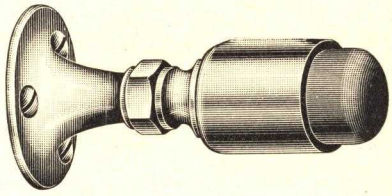
Nos. 804 and 2804



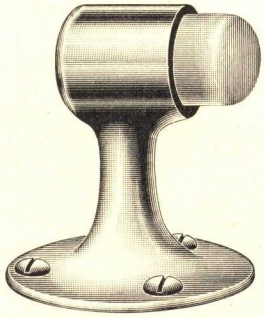
No. 802



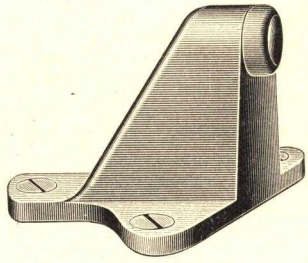
Nos. 803 and 2803



No. 832 with Wood Screws
No. 832½ with Expansion Bolt



No. 0823 with Wood Screws
No. 0823½ with Expansion Bolt



Nos. 805 and 2805
Nos. 806 and 2806

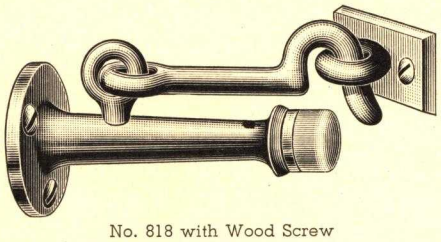
No. Cast Bronze	No. Cast Iron	Attached with	Base	Length	*Projection
800	2800	Wood screw	1⅛ in. dia.	1 5/16 in.	1 1/16 in.
802	....	" "	2 " "	2¼ "	¾ "
803	2803	" screws	1¼ " "	1¼ "	⅞ "
804	2804	" screw	1¾ " "	1⅞ "	1¼ "
805	2805	" screws	1 13/16 x 1⅞ in.	1 7/16 "	....
806	2806	" "	2½ x 2½ "	2¼ "	....
810	....	" screw	1⅝ in. dia.	3⅜ "	....
812	2812	" "	1⅛ " "	3¼ "	....
812½	2812½	Expansion bolt	1⅛ " "	3¼ "	....
813	....	Wood screw	2 1/16 " "	2⅝ "	....
815	2815	" "	1 " "	2½ "	....
817	2817	" screws	1 5/16 " "	3 "	....
0823	....	" "	2½ " "	3 "	1¼ in.
0823½	....	Expansion bolt	2½ " "	3 "	1¼ "
832	....	Wood screws	2¼ " "	3⅞ "	....
832½	....	Expansion bolt	2¼ " "	3⅞ "	....

Packed: Nos. 800, 804, 812 and 815 series, 1 doz. in a box; other numbers, ½ doz. in a box.

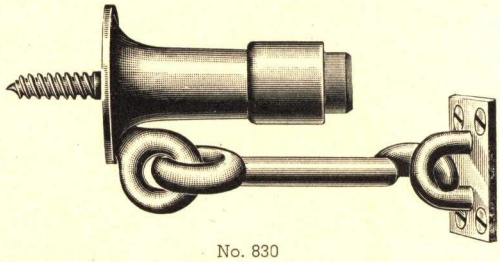
*Projection is distance from center line of stop to end of rubber.
When ordering, give list number and finish. For finishes, see page XXV.

DOOR STOPS AND HOLDERS

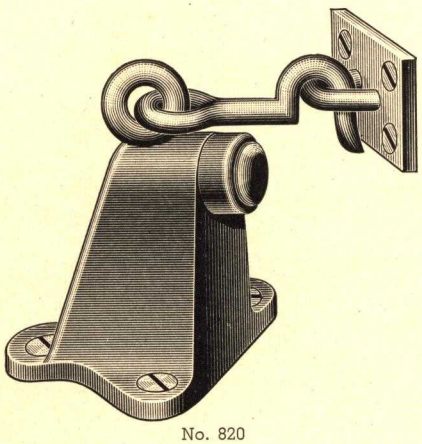
CUTS ONE-HALF SIZE



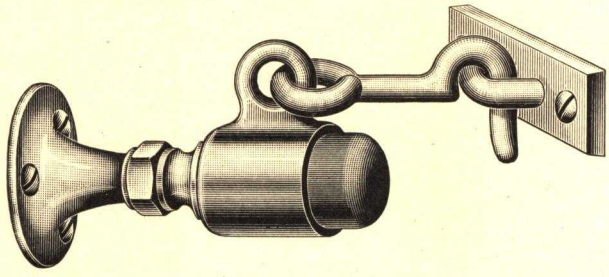
No. 818 with Wood Screw
No. 818½ with Expansion Bolt



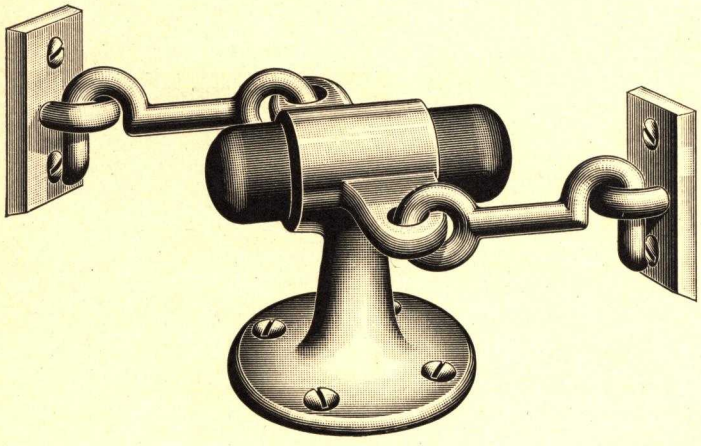
No. 830



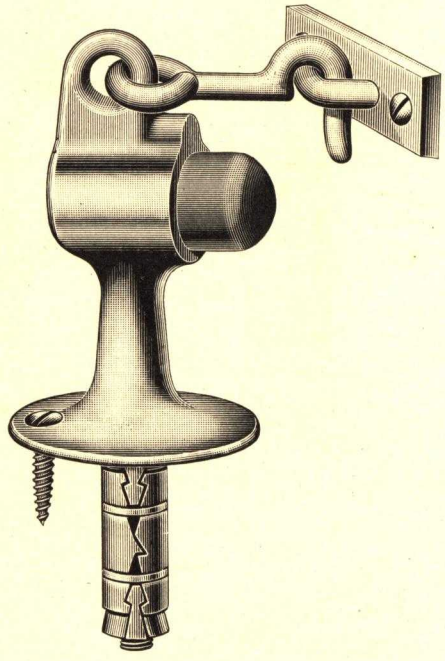
No. 820



No. 831 with Wood Screws
No. 831½ with Expansion Bolt



No. 826 with Wood Screws
No. 826½ with Expansion Bolt



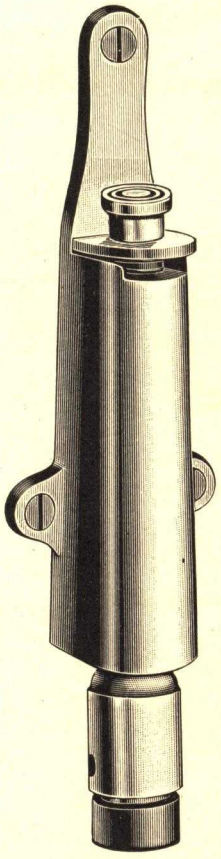
No. 823½ with Expansion Bolt
No. 823 with Wood Screws

No.	Attached with	Material	Base	Length	*Projection
818	Wood screw	Cast bronze, rubber tip	1 9/16 in. dia.	3 3/8 in.	.....
818½	Expansion bolt	" " " "	1 9/16 " "	3 3/8 "	.....
820	Wood screws	" " " "	2½ x 2½ in.	2¼ "	.....
823	" "	" " " "	2½ in. dia.	3 "	1¼ in.
823½	Expansion bolt	" " " "	2½ " "	3 "	1¼ "
826	Wood screws	" " " "	2 5/8 " "	3 1/8 "	1½ "
826½	Expansion bolt	" " " "	2 5/8 " "	3 1/8 "	1½ "
830	Wood screw	" " " "	1 5/8 " "	3 3/8 "	.....
831	" screws	" " " "	2¼ " "	4 "	.....
831½	Expansion bolt	" " " "	2¼ " "	4 "	.....

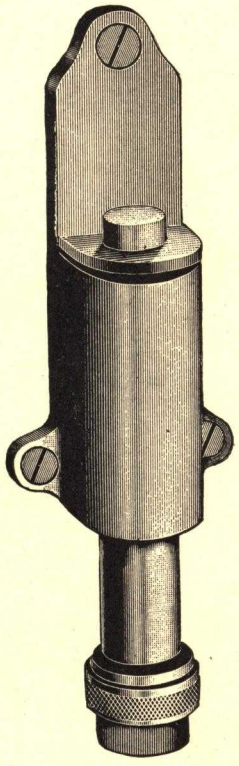
Packed: Nos. 823, 823½, 826, 826½ and 831½, ¼ doz. in a box; other numbers, ½ doz. in a box.
*Projection is distance from center line of stop to end of rubber.
When ordering, give list number and finish. For finishes, see page XXV.

DOOR HOLDERS

CUTS ONE-HALF SIZE



Nos. 838 and 839 series



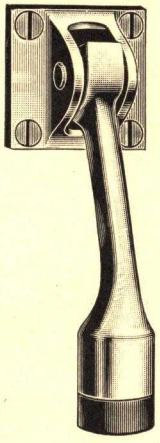
Nos. 834 and 2834

Cast bronze or cast iron with rubber tip.

These door holders are closed by pressing the plunger down with the foot; released by the trigger at top.

No.	Material	Size	Throw	Projection
834	Cast bronze	5⅛ x 1 5/16 in.	1¼ in.	1⅜ in.
838	" "	7¼ x 2½ "	1⅝ "	1¼ "
839	" "	9 x 2⅝ "	2⅛ "	1½ "
2834	" iron	5⅛ x 1 5/16 "	1¼ "	1⅜ "
2838	" "	7¼ x 2½ "	1⅝ "	1¼ "
2839	" "	9 x 2⅝ "	2⅛ "	1½ "

Packed: ¼ doz. in a box, with screws.

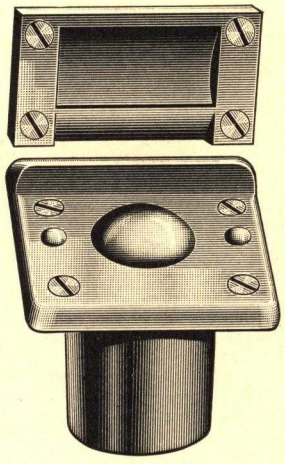


Nos. 870 and 871 series

Cast bronze or cast iron with rubber tip.

No.	Material	Base	Length
870	Cast bronze	1½ x 1½ in.	4 in.
871	" "	2 x 2 "	5 "
2870	" iron	1½ x 1½ "	4 "
2871	" "	2 x 2 "	5 "

Packed: ½ doz. in a box, with screws.



No. 816

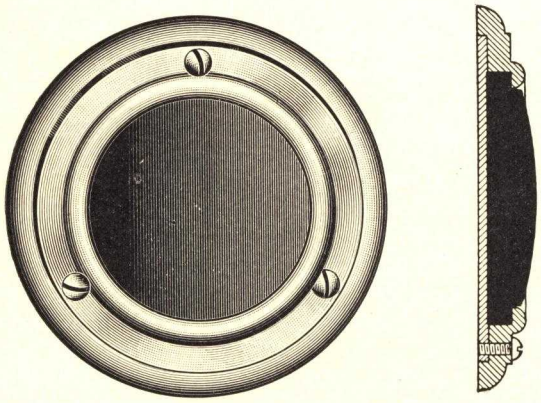
Cast bronze top, 2½ x 2½ in.
Cast iron case, 1¾ in. x 1½ in. dia.
Height over all 2½ in. Steel ball.
Cast iron box for cement can be furnished when ordered.

Packed: ¼ doz. in a box, with screws.

When ordering, give list number and finish. For finishes, see page XXV.

DOOR STOPS AND BUMPERS

CUTS ONE-HALF SIZE



Nos. 889 and 889½ Door Knob Bumpers

No. 889 attached with ¼ x 2½ in. F. H. toggle bolt.

No. 889½ attached with 2–1½ in. wood screws and expan. shields.

Attached to wall so that the rubber mat in center will act as bumper for door knob.

Face Ring . . Cast bronze.

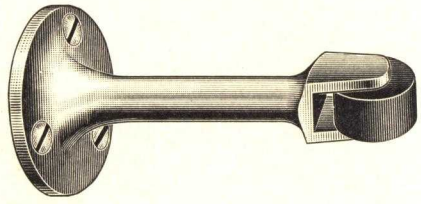
Back Plate . . Steel, cadmium plated.

Rubber Insert 2¼ in. dia., ⅞ in. thick.

Face ring attached with three round head machine screws.

No.	Size	Projection	Attached
889	4 in. dia.	⅞ in.	With toggle bolt
889½	4 " "	⅞ "	" wood screws

Packed: Two in a box.



No. 860-4 in.

No. 860 Roller Door Stop

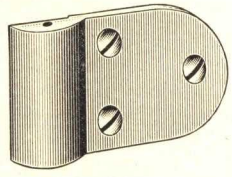
This stop is used where two doors open back to back, thus doing away with the interlocking and banging of knobs or door handles.

The rubber roller is ⅞ in. dia. with a bronze bushing.

This stop may be attached to the top or bottom rail of either door.

No.	Material	Length	Base
860–4 in.	Cast bronze	4 in.	2 in. dia.
860–6 "	" "	6 "	2 " "

Packed: ½ doz. in a box, with screws.



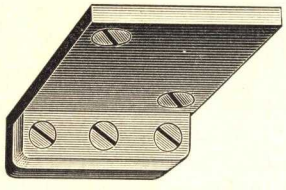
No. 840

No. 840 Door Stop

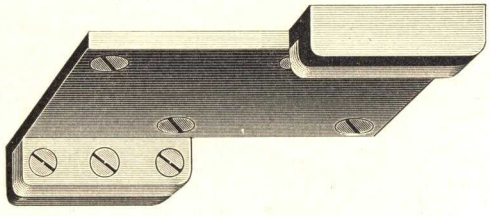
Cast bronze with rubber bumper.

Size 1⅜ x 2⅛ in.

Packed: ½ doz. in a box, with screws.



No. 848
For single doors



No. 849
For double doors

Duplex Door Stops

The duplex stop permits each of a pair of doors to be opened one way only, and thus compels the stream of travel from each side always to "keep to the right."

Each door can be hung on regular butts and controlled by a Yale Door Closer, closing it firmly and quietly and eliminating the annoying "flip-flap" (particularly aggravating in the case of double doors) of a door hung on double-acting hinges.

It is the best system of hanging and controlling double doors in the corridors of hotels, stations and buildings of all kinds.

Always specify thickness of door and if beveled.

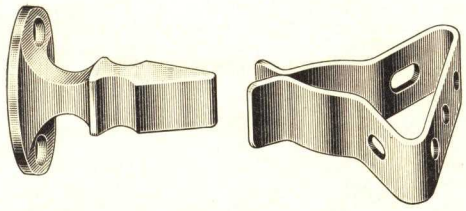
No.	Material	Bumper	Length	For Doors
848	Cast bronze	Rubber	1⅞ in.	Thickness of door must always be given.
849	" "	"	3⅞ "	1⅜, 1½, 1¾, 1⅞, 2, 2¼, 2½, 2¾ and 3 in. thick.

Packed: ½ doz. in a box, with screws.

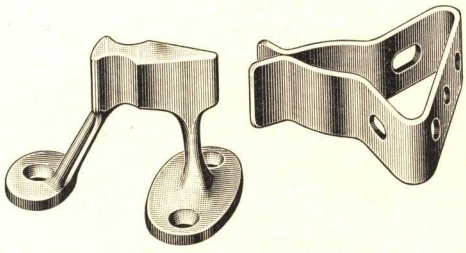
When ordering, give list number and finish. For finishes, see page XXV.

DOOR STOPS AND HOLDERS

CUTS ONE-HALF SIZE



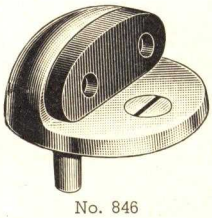
Nos. 864 and 2864



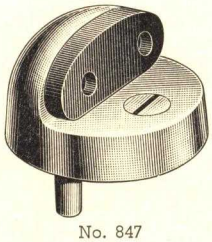
Nos. 865 and 2865

No.	Material	Base	Height of Base	Spring Base
864	Cast and wrought bronze	1⅞ x 1 in.	2 in.	¾ x 2 3/16 in.
865	" " " "	1¾ x 2⅜ "	1⅞ "	¾ x 2 3/16 "
2864	" iron " " steel	1⅞ x 1 "	2 "	¾ x 2 3/16 "
2865	" " " " "	1¾ x 2⅜ "	1⅞ "	¾ x 2 3/16 "

Packed: ½ doz. in a box, with screws.



No. 846



No. 847

Cast Bronze with Rubber Bumper

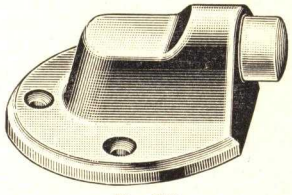
For Doors without Threshold

No.	Base	Projection	Attached with
846	2⅛ in. dia.	15/16 in.	Wood screw
846½	2⅛ " "	15/16 "	Expansion bolt

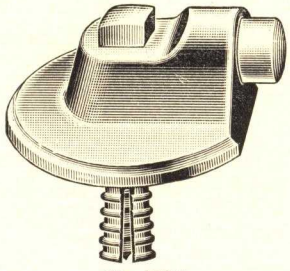
For Doors with Threshold

847	2⅛ in. dia.	1¼ in.	Wood screw
847½	2⅛ " "	1¼ "	Expansion bolt

Packed: ½ doz. in a box, with wood screw or expansion bolt.



No. 852



No. 852½

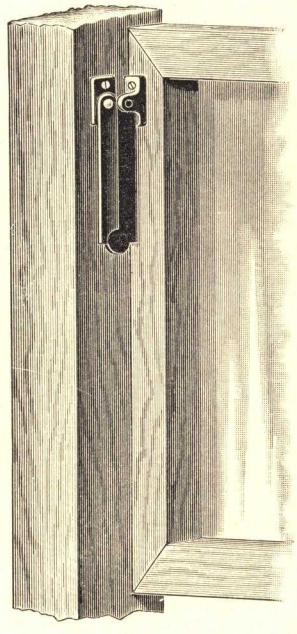
(one-third size)

Cast Bronze with Rubber Bumper

No.	Base	Projection	Attached with
852	4 in. dia.	2 in.	Wood screws
852½	4 " "	2 "	Expansion bolt

Packed: ¼ doz. in a box, with wood screws or expansion bolt.

TRANSOM STAY



No. 1280

Plates, cast bronze, 1½ x ⅝ in.

Arms, wrought bronze, 5 x ½ x 3/16 in. Opens 10 in.

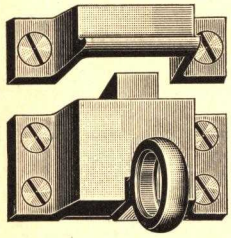
½ doz. pairs in a box, with screws.

This stay is arranged with a stop which prevents the arms from extending their full length, and thus sticking on centres.

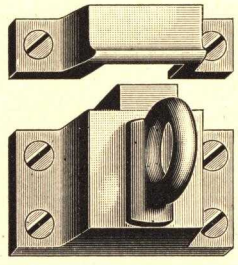
When ordering, give list number and finish. For finishes, see page XXV.

TRANSOM CATCHES

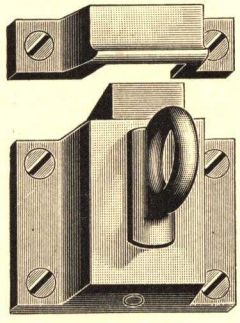
CUTS ONE-HALF SIZE



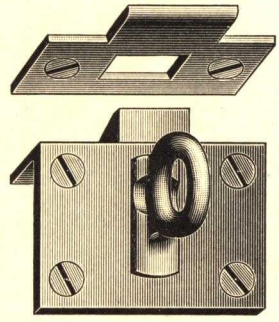
Nos. 362 and 2362



No. 368†



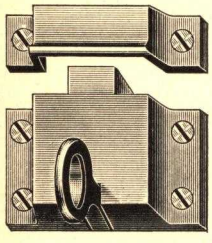
No. 369†



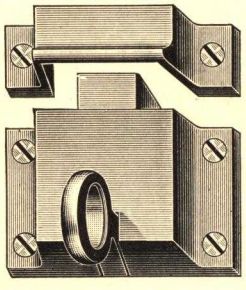
No. 374¾†

No.	Material	Size of Case	Size of Strike
362	Cast bronze	1 x 2⅛ in.	Rim, ½ x 2⅛ in.
362¾	" "	1 x 2⅛ "	Mortise, ⅞ in.*
†368	" "	1¼ x 2¼ "	Rim, ⅝ x 2¼ in.
†368¾	" "	1¼ x 2¼ "	Mortise, 1 in.*
†369	" "	1¾ x 2¼ "	Rim, ⅝ x 2¼ in.
†369¾	" "	1¾ x 2¼ "	Mortise, 1 in.*
†374¾	" "	1⅝ x 2⅜ x ⅞ in.	" ⅞ in.*
2362	" iron	1 x 2⅛ in.	Rim, ½ x 2⅛ in.
2362¾	" "	1 x 2⅛ "	Mortise, ⅞ in.*

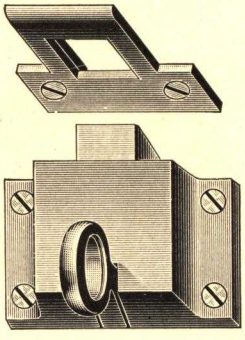
Packed: 1 doz. in a box, with screws.
†The latch bolt works independently of the ring.
*Measuring from face of transom to end of lip.



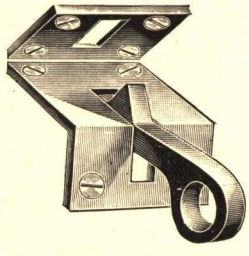
Nos. 361 and 2361



Nos. 373 and 2373



Nos. 373¾ and 2373¾



No. 358

No.	Material	Size of Case	Size of Strike
361	Cast bronze	1¼ x 2⅛ in.	⅝ x 2⅛ in.
361¾	" "	1¼ x 2⅛ "	1½ x 1¾ "
373	" "	1¾ x 2¾ "	⅝ x 2¾ "
373¾	" "	1¾ x 2¾ "	2³⁄₁₆ x 2⅜ "
2361	" iron	1¼ x 2⅛ "	⅝ x 2⅛ "
2361¾	" "	1¼ x 2⅛ "	1½ x 1¾ "
2373	" "	1¾ x 2¾ "	⅝ x 2¾ "
2373¾	" "	1¾ x 2¾ "	2³⁄₁₆ x 2⅜ "

Packed: 1 doz. in a box, with screws.

Rim Transom Catch

Cast bronze

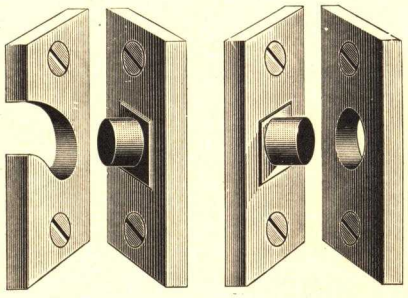
Front plate, ⅞ x 1½ in.
Selvedge, 1⅜ x 1½ "
Strike, 1¹⁄₁₆ x 1⅝ "
Handle extends, 1⅜ in.

Packed: 1 doz. in a box, with screws.

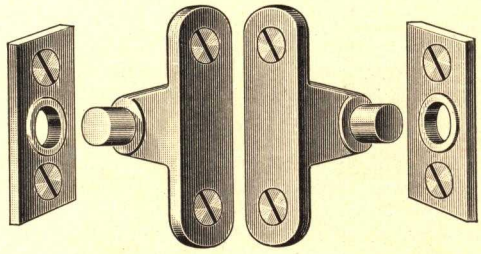
When ordering, give list number and finish. For finishes, see page XXV.

CUTS ONE-HALF SIZE

SASH OR TRANSOM CENTERS



Nos. 1321 and 2321



Nos. 1316 and 2316

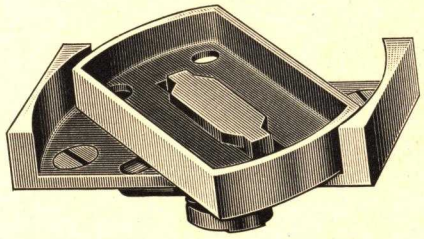
Four Pieces to a Set

When ordering, specify list number and size

No.	Material	Sash Plate	Diameter of Pin
1316	Cast bronze	2½ x ⅞ in.	⅜ in.
1316	" "	3⅜ x 1¼ "	⅝ "
1316	" "	4⅜ x 1⅜ "	¾ "
1321	" "	2½ x 1 "	½ "
1322	" "	2⅝ x 1⅜ "	9/16 "
1323	" "	3½ x 2 "	⅝ "
2316	" iron	2½ x ⅞ "	⅜ "
2316	" "	3⅜ x 1¼ "	⅝ "
2316	" "	4⅜ x 1⅜ "	¾ "
2321	" "	2½ x 1 "	½ "
2322	" "	2⅝ x 1⅜ "	9/16 "
2323	" "	3½ x 2 "	⅝ "

Packed: 1 doz. sets in a box, with screws.

TRANSOM CENTERS



Nos. 1333 and 2333

Cast Bronze, Polished
Cast Iron, Plated

Heavy Coil Tension Spring

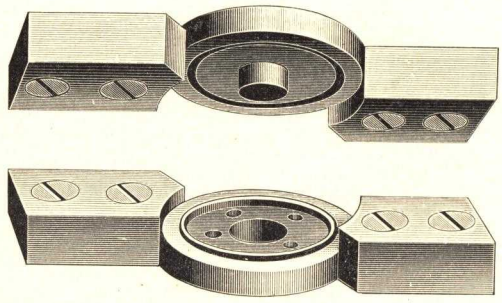
No.	Material	Length	Width
1333	Cast bronze	3¾ in.	1⅜ in.
1333	" "	3¾ "	1¾ "
1333	" "	3¾ "	2¼ "
2333	" iron	3¾ "	1⅜ "
2333	" "	3¾ "	1¾ "
2333	" "	3¾ "	2¼ "

Packed: ¼ doz. sets in a box, with screws.

When ordering, give list number, size, and finish. For finishes, see page XXV.

TRANSOM CENTERS

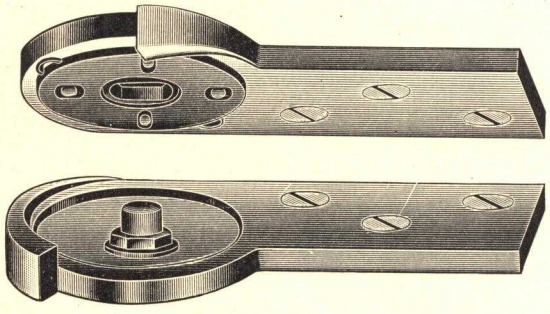
CUTS ONE-HALF SIZE



Nos. 1335 and 2335 Series

No.	Material	Size
1335	Cast bronze, wheel finish	½ x 4 x 1⅜ in.
1335	" " " "	½ x 4 x 1½ "
1335	" " " "	½ x 4 x 1¾ "
1335	" " " "	½ x 5 x 2 "
1335	" " " "	½ x 5 x 2¼ "
2335	" iron, copper dipped	½ x 4 x 1⅝ "
2335	" " " "	½ x 4 x 1¾ "
2335	" " " "	½ x 4⅜ x 2 "
2335	" " " "	½ x 4⅜ x 2¼ "

Packed: ½ doz. sets in a box, with screws.



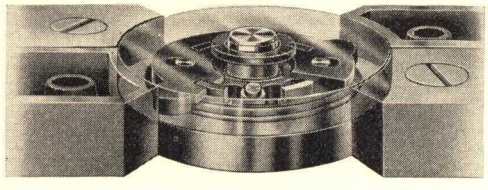
No. 1332

No. 1332 Transom Center

Has stop to prevent sash from being opened beyond 45 degrees. Cannot be furnished in iron.

No.	Material	Size
1332	Cast bronze, wheel finish,	5¼ x 2¾ x ½in.

Packed: One set in a box, with screws.

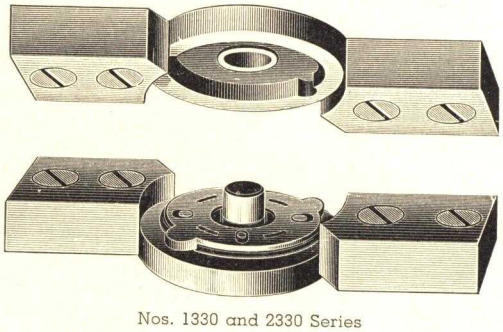


No. 1330 Series

This Automatic Adjustable Pivot for horizontal or vertical sash is especially designed for conditions where there is but little room for a pivot.

The adjustment of 15 degrees on each slot are positive. It is practically indestructible and easily operated.

When this pivot is used on vertical sash, an adjuster is unnecessary as the sash is automatically and firmly held in position.



Nos. 1330 and 2330 Series

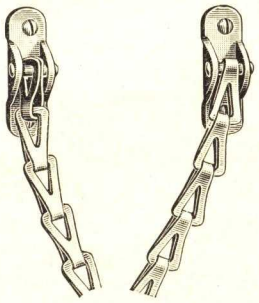
No.	Material	Size
1330	Cast bronze, wheel finish	½ x 4 x 1 9/16 in.
1330	" " " "	½ x 4 x 1¾ "
1330	" " " "	½ x 5 x 2 "
1330	" " " "	½ x 5 x 2¼ "
2330	Mall. iron, unpol.	½ x 4 x 1¾ "
2330	" " "	½ x 4 x 1⅞ "

Packed: One set in a box, with screws.

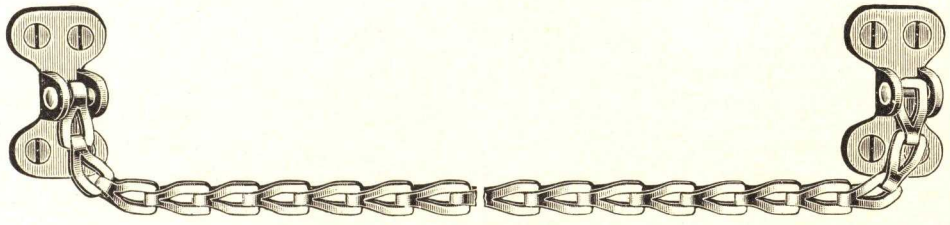
When ordering, give list number, size and finish. For finishes, see page XXV.

TRANSOM CHAINS

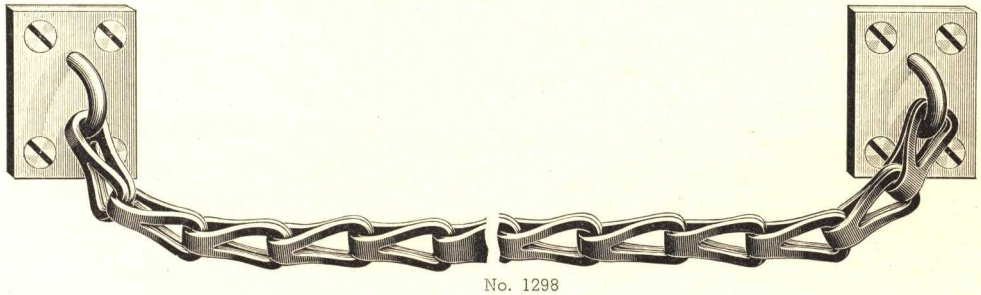
CUTS ONE-HALF SIZE



Nos. 1290 and 2290



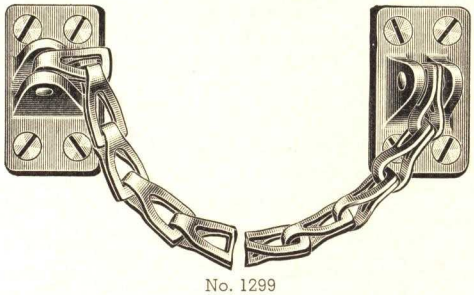
Nos. 1297 and 2297



No. 1298
Type of Nos. 1292, 1300 and 2292

No.	Material	Plates	Chain	Length of Chain
1290	Wrought bronze	1¼ x ⅜ in.	Light	9, 12 and 15 in.
1292	" "	1 1/16 x 1 3/16 "	Medium	12 " 15 "
1297	" "	1¾ x 1 "	Light	12 " 15 "
1298	" "	1 1/16 x 1 3/16 "	Extra heavy	12 " 15 "
1300	" "	1 1/16 x 1 3/16 "	Heavy	12 " 15 "
2290	" steel	1¼ x ⅜ "	Light	9, 12 " 15 "
2292	" "	1 1/16 x 1 3/16 "	Medium	12 " 15 "
2297	" "	1¾ x 1 "	Light	12 " 15 "

Packed: 1 doz. in a box, with screws.



No. 1299

No. 1299 Transom Chains

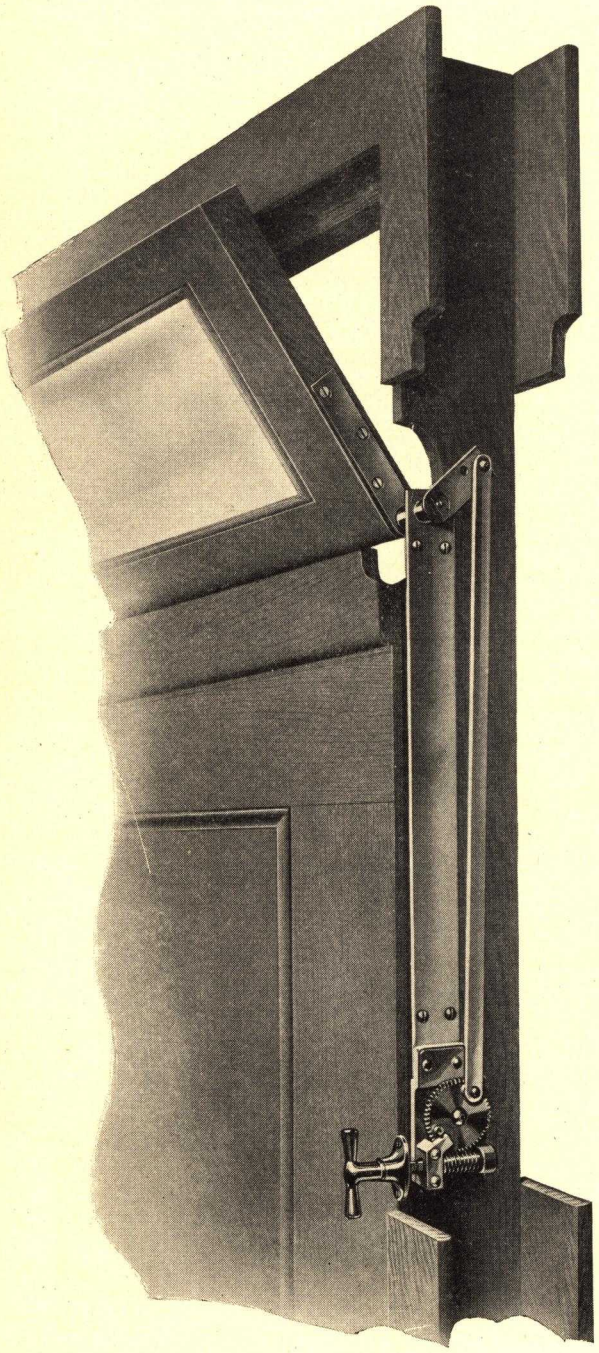
Heavy cast bronze plates.
Wrought bronze chain.

No.	Plates	Length of Chain
1299	1 3/16 x 1 in.	12, 15 and 18 in.

Packed: 1 doz. in a box, with screws.

When ordering, give list number and finish. For finishes, see page XXV.

No. 1234 CONCEALED TRANSOM OPERATOR



This transom operator is designed to operate interior door transoms in Office Buildings, Hotels, Hospitals, etc., of practically any size and can be applied to either wood or metal trim, and in partitions as thin as 4¾ inches.

This operator may only be used on bottom or center pivoted transoms opening in, and cannot be used on reverse bevel transoms.

Constructed of cold rolled steel, cadmium plated, the transom pivot bearings are bronze bushed. The operating handle is of cast bronze or brass, finished as ordered. The handle is regularly furnished fixed in position, but when so ordered is made so it can be removed.

Both the bottom and center pivoted transoms will pivot on two arms 6½ x 1¼ inches which are mortised into the edge of the transom. The lower edge of the bottom rail of the bottom pivoted transom must be rounded to a half-circle radius.

All working parts are attached to a steel plate, allowing the device to be applied as a unit, which is attached to the back of the jamb. A minimum space of 1¼ inches is required beyond the center line of the T-handle, which is suitable for application not less than 1⅝ inches or more than 2 9/16 inches from the edge of the jamb. Adjustment is obtained by blocking up the jamb to a thickness ¾ inches less than the required backset of the T-handle.

This operator is designed to be regularly placed on the lock jamb of the door with the T-handle permanently affixed. If placed on the butt jamb of the door detachable handles must be used.

When applied to the lock jamb the operator will be the same hand as the door and when applied to the butt jamb the hand will be opposite that specified for the door. In either case the handle will be on the inside for transoms opening in. This operator is not suitable for reverse bevel transoms.

The length from the pivot point of the transom to the center line of the T-handle is 23 13/16 inches. When the operator is applied to a bottom pivoted transom over a 7 foot door and 3 inch transom bar, the T-handle will be 5 feet 4⅛ inches above the floor.

All parts except the T-Handle and rose are concealed when the operator is applied. The transom is operated by turning the T-Handle and can be opened to a 45° angle. The transom is locked at any point from closed to wide open.

Orders should give the following information:

Size and thickness of transom.

Are transom and door frames of wood or metal?

Height and hand of door.

Will operator be applied to lock or hinge jamb?

Hand of transom operator.

Is operating handle to be detachable?

Full size drawing of section of transom bar also door jamb and trim.

No.	Handle	Projection	Plate
1234	3⅛ in.	2 5/16 in.	2⅜ x 1 7/32 in.

TRANSOM LIFTERS

The Locking Device used with the Yale Transom Lifters consists of an automatic grip, the construction and action of which are clearly shown in the illustrations. This consists of two inclined steel plates, contained in a box, each having a hole through which the operating rod passes. Two spiral springs tend to hold these plates in the position shown in Fig. 2. Rotating the knob to the left causes a cam on its inner end to lift the steel plates to a parallel position, as shown in Fig. 1, thus releasing the grip on the rod and leaving the latter free to slide up or down.

On letting go the knob, the plates automatically return to the position shown in Fig. 2, thereby again instantly and securely locking the rod.

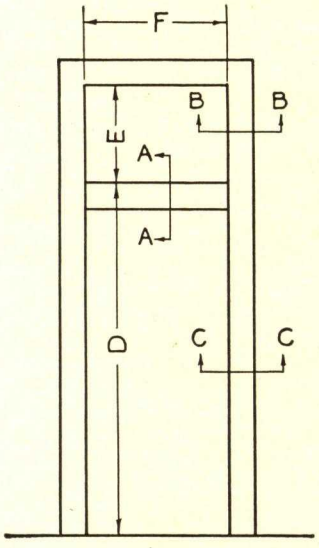
The device is small and neat in appearance, simple in construction, automatic in action and absolutely positive.

No.	Rod Diameter	Minimum Regular Length	Reach Min.	Reach Max.	Recess Min.	Recess Max.	Bracket Base	Width of Box and Guides	Clearance	Recommended for
140 Series	1/4 in.	3 foot	1 1/16 in.	1 3/4 in.	Flush	3 1/2 in.	2 x 25/32 in.	1 1/16 in.	3/16 in.	Light Transoms 14 x 36 in. max.
150 "	5/16 "	4 "	1 1/16 "	1 11/16 "	"	3 1/2 "	2 5/8 x 1 1/16 "	1 1/16 "	3/16 "	Medium Transoms 22 x 36 in. Max.
160 "	3/8 "	4 "	3/4 "	2 "	"	4 1/2 "	2 5/8 x 1 1/16 "	1 3/16 "	3/16 "	Heavy Transoms 28 x 42 in. Max.

To determine length of rod required, select nearest length in feet tabulated on page 284, after first having deducted for

Top Hung—4 feet from distance between floor and top of transom.
Center Hung—3 1/2 feet from distance between floor and transom pivot.
Bottom Hung—3 feet from distance between floor and bottom of transom.
Reach—Distance from center of rod attaching surface to nearest edge of transom opening.
Recess—Distance from face of door casing to face of transom rail.
Bracket Base—Width required for attachment of bracket to transom.
Width of Box and Guides—Width required for attachment of rod guides and box to casing.
Clearance—Space between back of rod in position and face of casing.

Size of box for 1/4 and 5/16 in. rod, 1 13/16 x 1 1/16 in.; for 3/8 in. rod, 2 3/16 x 1 3/16 in.

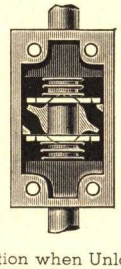


Special Transom Lifters

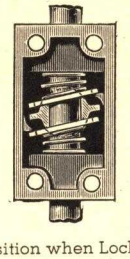
For conditions not suitable for regular transom lifters send a sketch or drawing showing sections A-A, B-B and C-C and give dimensions D, E, F, as shown on sketch.

State approximate weight of transom.

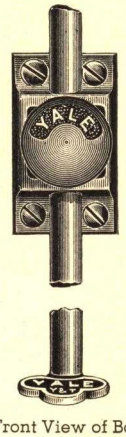
Advise whether top, center or bottom hung and whether opening IN or opening OUT.



Position when Unlocked
Rear View
Fig. 1

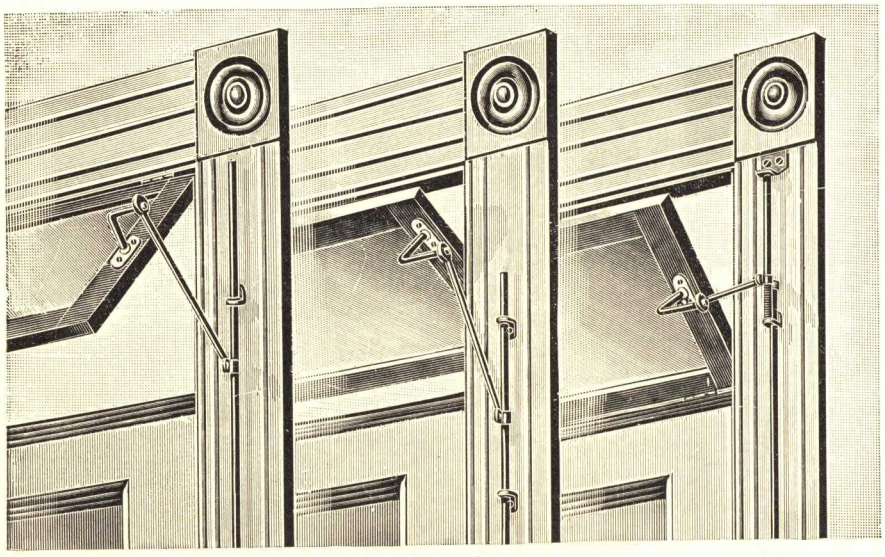


Position when Locked
Rear View
Fig. 2



Front View of Box

TRANSOM LIFTERS



Top Hung
For Transoms Hinged at Top
Opening In

Center Hung
For Pivoted Transoms
Opening In

Bottom Hung
For Transoms Hinged at Bottom
Opening In

Lifters for Transoms Opening Out are Special

Steel, Copper Dipped

For top or center hung transoms, opening IN.

No.	Rod Size	No.	Rod Size
S143	1/4 in.; 3 ft.	**S164**	3/8 in.; 4 ft.
S144	1/4 " 4 "	**S165**	3/8 " 5 "
S154	5/16 " 4 "	**S166**	3/8 " 6 "
S155	5/16 " 5 "	**S167**	3/8 " 7 "
S156	5/16 " 6 "	**S168**	3/8 " 8 "

Packed: 100 in a case, with screws.

For bottom hung transoms, opening IN

No.	Rod Size	No.	Rod Size
S143½	1/4 in.; 3 ft.	**S164½**	3/8 in.; 4 ft.
S144½	1/4 " 4 "	**S165½**	3/8 " 5 "
S154½	5/16 " 4 "	**S166½**	3/8 " 6 "
S155½	5/16 " 5 "	**S167½**	3/8 " 7 "
S156½	5/16 " 6 "	**S168½**	3/8 " 8 "

Steel, Plated

For top or center hung transoms, opening IN

No.	Rod Size	No.	Rod Size
R143	1/4 in.; 3 ft.	**R164**	3/8 in.; 4 ft.
R144	1/4 " 4 "	**R165**	3/8 " 5 "
R154	5/16 " 4 "	**R166**	3/8 " 6 "
R155	5/16 " 5 "	**R167**	3/8 " 7 "
R156	5/16 " 6 "	**R168**	3/8 " 8 "

Packed: Each wrapped in paper, with screws.

For bottom hung transoms, opening IN

No.	Rod Size	No.	Rod Size
R143½	1/4 in.; 3 ft.	**R164½**	3/8 in.; 4 ft.
R144½	1/4 " 4 "	**R165½**	3/8 " 5 "
R154½	5/16 " 4 "	**R166½**	3/8 " 6 "
R155½	5/16 " 5 "	**R167½**	3/8 " 7 "
R156½	5/16 " 6 "	**R168½**	3/8 " 8 "

Bronze, Polished

For top or center hung transoms, opening IN

No.	Rod Size	No.	Rod Size
B143	1/4 in.; 3 ft.	**B156**	5/16 in.; 6 ft.
B144	1/4 " 4 "	**B164**	3/8 " 4 "
B153	5/16 " 3 "	**B165**	3/8 " 5 "
B154	5/16 " 4 "	**B166**	3/8 " 6 "
B155	5/16 " 5 "	**B167**	3/8 " 7 "
		B168	3/8 " 8 "

Packed: Each wrapped in paper, with screws.

For bottom hung transoms, opening IN

No.	Rod Size	No.	Rod Size
B143½	1/4 in.; 3 ft.	**B156½**	5/16 in.; 6 ft.
B144½	1/4 " 4 "	**B164½**	3/8 " 4 "
B153½	5/16 " 3 "	**B165½**	3/8 " 5 "
B154½	5/16 " 4 "	**B166½**	3/8 " 6 "
B155½	5/16 " 5 "	**B167½**	3/8 " 7 "
		B168½	3/8 " 8 "

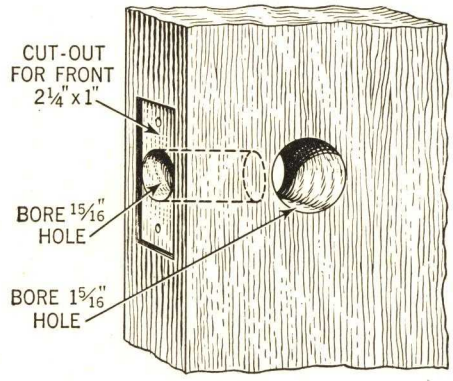
When ordering, give list number, size and finish. For finishes, see page XXV.

TUBULAR LATCHES

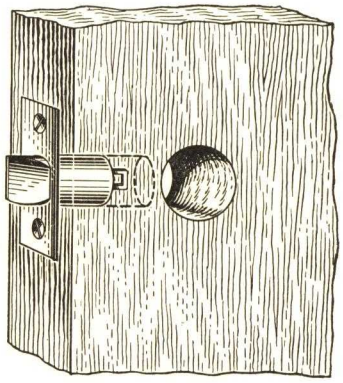
AND

PUSH BUTTON LOCKS

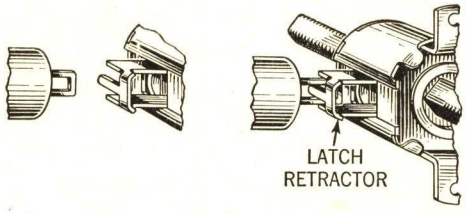
APPLICATION OF TUBULAR LATCHES AND PUSH BUTTON LOCKS



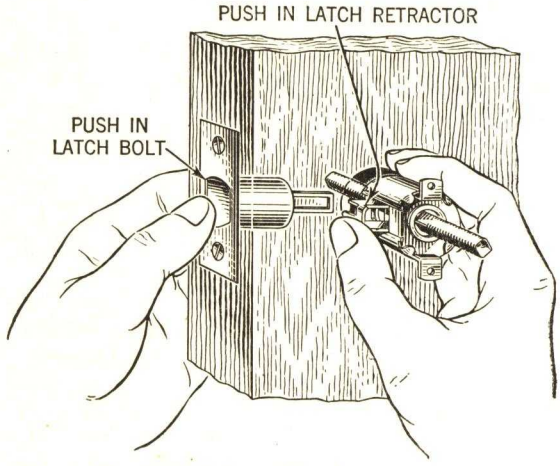
No. 1. Boring of door to receive Tubular Latch or Push Button Lock.



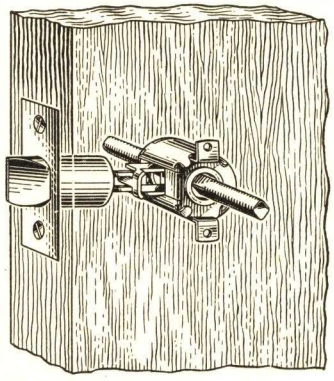
No. 2. Bolt unit applied.



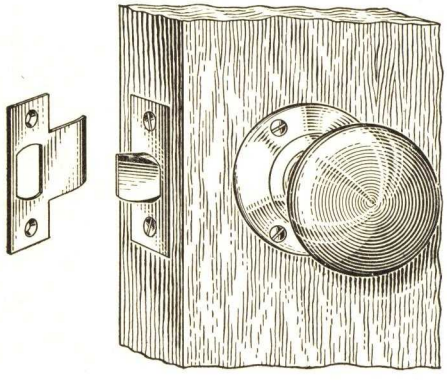
No. 3. The latch bolt and the latch retractor are both pushed back and held as Cut No. 4. The lock body is then slid into place and the hook on the retractor engaged with the slot in the latch bolt tail.



No. 4. The latch bolt and latch retractor must be pushed back and held in fully retracted position to permit the operating unit to be inserted and to engage the latch bolt tail-piece.



No. 5. Complete lock applied and ready for the trim.

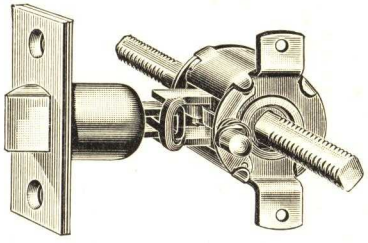


No. 6. Lock complete with trim.

TUBULAR LATCHES AND LOCKS

Locks have Push Button Operation

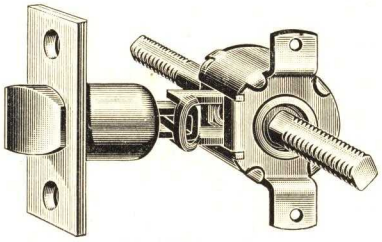
For Doors $1\frac{5}{16}$ to $1\frac{3}{4}$ in. thick



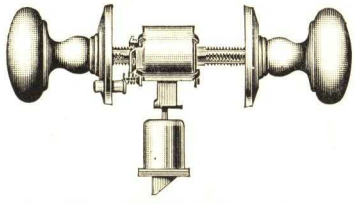
No. T22 Brass Front
No. T32 Steel Front
For Bedroom and Bathroom Doors



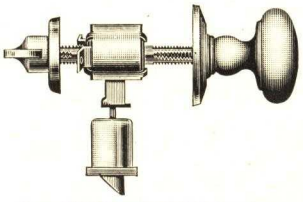
Flat Strike
Box Strikes
at an extra
price



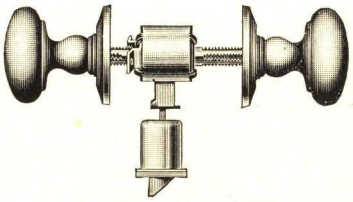
No. T20 Brass Front
No. T30 Steel Front
For Interior Doors



Nos. T22 and T32 Push Button Locks
For Bedroom and Bathroom Doors



Nos. T20CS and T30CS Latches
For Closet Doors



Nos. T20 and T30 Latches
For Interior Doors

Nos. T22 and T32 Push Button Locks For Bedroom and Bathroom Doors

Front	No. T22 Wrought brass, $2\frac{1}{4}$ x 1 in. No. T32 Wrought steel, $2\frac{1}{4}$ x 1 in.
Reversible	For doors of either hand.
Case	Wrought steel, rust resisting. $1\frac{1}{4}$ in. dia.; $1\frac{1}{4}$ in. thick.
Strike	Flat, $2\frac{1}{4}$ x 1 in.; lip to center, $1\frac{1}{4}$ in.
Backset	$2\frac{3}{8}$ in.
Latch Bolt	Bronze, $\frac{7}{16}$ in. throw.
Bolt Case	Wrought steel, rust resisting. $\frac{13}{16}$ in. dia.; $1\frac{1}{16}$ in. long.
Spindles	Steel, threaded, $\frac{5}{16}$ in.
Push Button	Bronze, $\frac{1}{4}$ in. dia.
Emergency Key	Supplied regular with bathroom sets and also with bedroom sets when so ordered, at an extra price.
Operation	By knob from inside at all times. From outside by knob, except when locked by push button inside. When locked by push button, a slight turn of the inside knob releases the locking mechanism. When so ordered, the outside rose or escutcheon will be furnished with an emergency release hole.

Nos. T20 and T30 Latches For Interior Doors

Front	No. T20 Wrought brass, $2\frac{1}{4}$ x 1 in. No. T30 Wrought steel, $2\frac{1}{4}$ x 1 in.
Reversible	For doors of either hand.
Case	Wrought steel, rust resisting. $1\frac{1}{4}$ in. dia.; $1\frac{1}{4}$ in. thick.
Strike	Flat, $2\frac{1}{4}$ x 1 in.; lip to center, $1\frac{1}{4}$ in.
Backset	$2\frac{3}{8}$ in.
Latch Bolt	Bronze, $\frac{7}{16}$ in. throw.
Bolt Case	Wrought steel, rust resisting. $\frac{13}{16}$ in. dia.; $1\frac{1}{16}$ in. long.
Spindles	Steel, threaded, $\frac{5}{16}$ in.
Operation	By knob from both sides at all times.

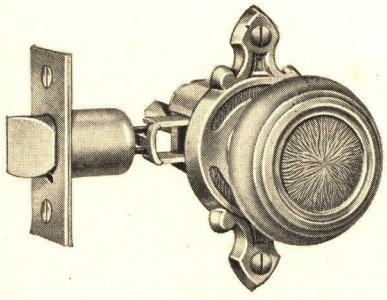
DERBIAN DESIGN

Tubular Lock Sets

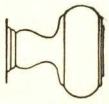
Wrought Brass or Wrought Steel

Standard Finishes:

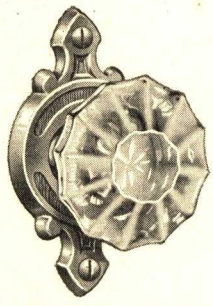
Brass—AY21; BY21; NY21; DZ10; NZ10
Steel—AY21; BY21; NY21; NZ10



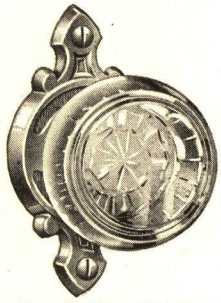
No. TBD200 Set



Side view of
No. KNE134 knob
with French shank



Nos. CD50 and DGO542



Nos. CD50 and DGO341

No.—Brass	No.—Steel	Size	Article
CD34	**AD34**	2 in. dia.	Door knob (metal)
KNE134	.....	2 " "	" " (") French shank
DGO341	.....	2 " "	" " (glass)
DGO542	.....	2 " "	" " (")
CD50	**AD50**	3½ x 1⅞ in.	Rose for latch set
CD50S	**AD50S**	3½ x 1⅞ "	" cut for push button
CD50E	**AD50E**	3½ x 1⅞ "	" " " emergency key
D20 x 10	**B20 x 10**	2¾ x 1⅝ "	Plate and turn knob

WROUGHT BRASS LOCK SETS

Set No.			Lock	Knobs	Trim Outside	Trim Inside
TBD200	Latch	set	T20	CD34	CD50	CD50
TBD201	"	"	T20	KNE134	CD50	CD50
TBD205	"	"	T20	DGO542	CD50	CD50
TBD206	"	"	T20	DGO341	CD50	CD50
TBD200CS	Closet	"	T20CS	CD34 x 10TK	CD50	D20
TBD201CS	"	"	T20CS	KNE134 x 10TK	CD50	D20
TBD205CS	"	"	T20CS	DGO542 x 10TK	CD50	D20
TBD206CS	"	"	T20CS	DGO341 x 10TK	CD50	D20
TBD210†	Bedroom	"	T22	CD34	CD50	CD50S
TBD211†	"	"	T22	KNE134	CD50	CD50S
TBD215†	"	"	T22	DGO542	CD50	CD50S
TBD216†	"	"	T22	DGO341	CD50	CD50S
TBD220*	Bathroom	"	T22	CD34	CD50E	CD50S
TBD221*	"	"	T22	KNE134	CD50E	CD50S
TBD225*	"	"	T22	DGO542	CD50E	CD50S
TBD226*	"	"	T22	DGO341	CD50E	CD50S

WROUGHT STEEL LOCK SETS

TSD300	Latch	set	T30	AD34	AD50	AD50
TSD305	"	"	T30	DGO542	AD50	AD50
TSD306	"	"	T30	DGO341	AD50	AD50
TSD300CS	Closet	"	T30CS	AD34 x 10TK	AD50	B20
TSD305CS	"	"	T30CS	DGO542 x 10TK	AD50	B20
TSD306CS	"	"	T30CS	DGO341 x 10TK	AD50	B20
TSD310†	Bedroom	"	T32	AD34	AD50	AD50S
TSD315†	"	"	T32	DGO542	AD50	AD50S
TSD316†	"	"	T32	DGO341	AD50	AD50S
TSD320*	Bathroom	"	T32	AD34	AD50E	AD50S
TSD325*	"	"	T32	DGO542	AD50E	AD50S
TSD326*	"	"	T32	DGO341	AD50E	AD50S

*Lock face and inside trim NZ10 finish. DZ10 to order at an extra price. Bathroom sets are regularly supplied with an emergency key and a release slot in the outside rose.
†When so ordered, bedroom sets will be supplied with an emergency release slot in the outside rose. Add "E" to set number.

ADDITION
TUBULAR CYLINDER
FRONT DOOR SETS

Page 285D - No. 29 catalog

No.	Detail
TBD200-170	TBD200 Latch Set x 170 Deadlock
TBD201-170	TBD201 " " x " "
TBH200-170	TBH200 " " x " "
TBH201-170	TBH201 " " x " "
TBO200-170	TBO200 " " x " "
TBO201-170	TBO201 " " x " "
TBV200-170	TBV200 " " x " "
TBV201-170	TBV201 " " x " "

If No. 175 Deadlatch is wanted in place of No. 170 Deadlock, change ending numbers of set to 175, viz: TBD200-175.

C/L 7227 - 1-10-40

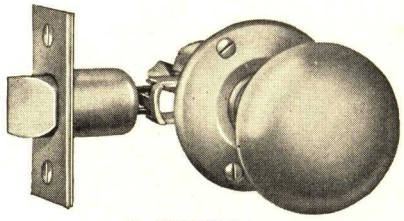
HADIAN DESIGN

Tubular Lock Sets

Wrought Brass or Wrought Steel

Standard Finishes:

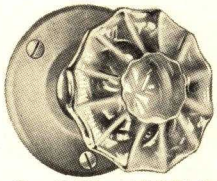
Brass—AZ10; AY22; BY22; NY10; DZ10; NZ10
Steel—AZ10; AY22; NY10; NZ10



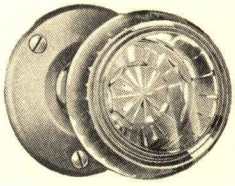
No. TBH200 Set



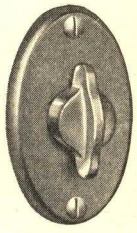
Side View of
No. XDF134 knob
with French shank



Nos. CH50 and DGO542



Nos. CH50 and DGO341



Nos. D20 x 10

No.—Brass	No.—Steel	Size	Article
DO34	**BO34**	2 in. dia.	Door knob (metal)
XDF134	.....	2 " "	" " (") French shank
DGO341	.....	2 " "	" " (glass)
DGO542	.....	2 " "	" " (")
CH50	**AH50**	2⅛ in. dia.	Rose for latch set
CH50S	**AH50S**	2⅛ " "	" cut for push button
CH50E	**AH50E**	2⅛ " "	" " " emergency key
D20 x 10	**B20 x 10**	2¾ x 1⅝ in.	Plate and turn knob

WROUGHT BRASS LOCK SETS

Set No.			Lock	Knobs	Trim Outside	Trim Inside
TBH200	Latch	set	T20	DO34	CH50	CH50
TBH201	"	"	T20	XDF134	CH50	CH50
TBH205	"	"	T20	DGO542	CH50	CH50
TBH206	"	"	T20	DGO341	CH50	CH50
TBH200CS	Closet	"	T20CS	DO34 x 10TK	CH50	D20
TBH201CS	"	"	T20CS	XDF134 x 10TK	CH50	D20
TBH205CS	"	"	T20CS	DGO542 x 10TK	CH50	D20
TBH206CS	"	"	T20CS	DGO341 x 10TK	CH50	D20
TBH210†	Bedroom	"	T22	DO34	CH50	CH50S
TBH211†	"	"	T22	XDF134	CH50	CH50S
TBH215†	"	"	T22	DGO542	CH50	CH50S
TBH216†	"	"	T22	DGO341	CH50	CH50S
TBH220*	Bathroom	"	T22	DO34	CH50E	CH50S
TBH221*	"	"	T22	XDF134	CH50E	CH50S
TBH225*	"	"	T22	DGO542	CH50E	CH50S
TBH226*	"	"	T22	DGO341	CH50E	CH50S

WROUGHT STEEL LOCK SETS

TSH300	Latch	set	T30	BO34	AH50	AH50
TSH305	"	"	T30	DGO542	AH50	AH50
TSH306	"	"	T30	DGO341	AH50	AH50
TSH300CS	Closet	"	T30CS	BO34 x 10TK	AH50	B20
TSH305CS	"	"	T30CS	DGO542 x 10TK	AH50	B20
TSH306CS	"	"	T30CS	DGO341 x 10TK	AH50	B20
TSH310†	Bedroom	"	T32	BO34	AH50	AH50S
TSH315†	"	"	T32	DGO542	AH50	AH50S
TSH316†	"	"	T32	DGO341	AH50	AH50S
TSH320*	Bathroom	"	T32	BO34	AH50E	AH50S
TSH325*	"	"	T32	DGO542	AH50E	AH50S
TSH326*	"	"	T32	DGO341	AH50E	AH50S

*Lock face and inside trim NZ10 finish. DZ10 to order at an extra price. Bathroom sets are regularly supplied with an emergency key and a release slot in the outside rose.

†When so ordered, bedroom sets will be supplied with an emergency release slot in the outside rose. Add "E" to set number.

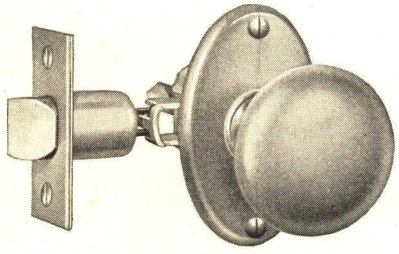
ORVIAN DESIGN

Tubular Lock Sets

Wrought Brass or Wrought Steel

Standard Finishes:

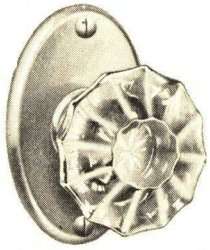
Brass—AZ10; AY22; BY22; NY10; DZ10; NZ10
Steel—AZ10; AY22; NY10; NZ10



No. TBO200 Set



Side view of
No. XDF134 knob
with French shank



Nos. CO50 and DGO542



Nos. CO50 and DGO341

No.—Brass	No.—Steel	Size	Article
DO34	**BO34**	2 in. dia.	Door knob (metal)
XDF134	.....	2 " "	" " (") French shank
DGO341	.....	2 " "	" " (glass)
DGO542	.....	2 " "	" " (")
CO50	**AO50**	3 x 1⅞ in.	Rose for latch set
CO50S	**AO50S**	3 x 1⅞ "	" cut for push button
CO50E	**AO50E**	3 x 1⅞ "	" " " emergency key
D20 x 10	**B20 x 10**	2¾ x 1⅝ "	Plate and turn knob

WROUGHT BRASS LOCK SETS

Set No.			Lock	Knobs	Trim Outside	Trim Inside
TBO200	Latch	set	T20	DO34	CO50	CO50
TBO201	"	"	T20	XDF134	CO50	CO50
TBO205	"	"	T20	DGO542	CO50	CO50
TBO206	"	"	T20	DGO341	CO50	CO50
TBO200CS	Closet	"	T20CS	DO34 x 10TK	CO50	D20
TBO201CS	"	"	T20CS	XDF134 x 10TK	CO50	D20
TBO205CS	"	"	T20CS	DGO542 x 10TK	CO50	D20
TBO206CS	"	"	T20CS	DGO341 x 10TK	CO50	D20
TBO210†	Bedroom	"	T22	DO34	CO50	CO50S
TBO211†	"	"	T22	XDF134	CO50	CO50S
TBO215†	"	"	T22	DGO542	CO50	CO50S
TBO216†	"	"	T22	DGO341	CO50	CO50S
TBO220*	Bathroom	"	T22	DO34	CO50E	CO50S
TBO221*	"	"	T22	XDF134	CO50E	CO50S
TBO225*	"	"	T22	DGO542	CO50E	CO50S
TBO226*	"	"	T22	DGO341	CO50E	CO50S

WROUGHT STEEL LOCK SETS

TSO300	Latch	set	T30	BO34	AO50	AO50
TSO305	"	"	T30	DGO542	AO50	AO50
TSO306	"	"	T30	DGO341	AO50	AO50
TSO300CS	Closet	"	T30CS	BO34 x 10TK	AO50	B20
TSO305CS	"	"	T30CS	DGO542 x 10TK	AO50	B20
TSO306CS	"	"	T30CS	DGO341 x 10TK	AO50	B20
TSO310†	Bedroom	"	T32	BO34	AO50	AO50S
TSO315†	"	"	T32	DGO542	AO50	AO50S
TSO316†	"	"	T32	DGO341	AO50	AO50S
TSO320*	Bathroom	"	T32	BO34	AO50E	AO50S
TSO325*	"	"	T32	DGO542	AO50E	AO50S
TSO326*	"	"	T32	DGO341	AO50E	AO50S

*Lock face and inside trim NZ10 finish. DZ10 to order at an extra price. Bathroom sets are regularly supplied with an emergency key and a release slot in the outside rose.

†When so ordered, bedroom sets will be supplied with an emergency release slot in the outside rose. Add "E" to set number.

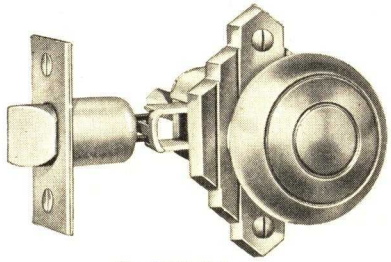
VERNIAN DESIGN

Tubular Lock Sets

Wrought Brass or Wrought Steel

Standard Finishes:

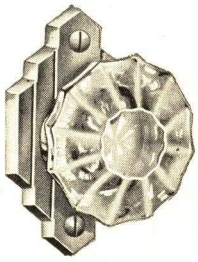
Brass—AY21; BY21; NY21; DZ10; NZ10
Steel—AY21; BY21; NY21; NZ10



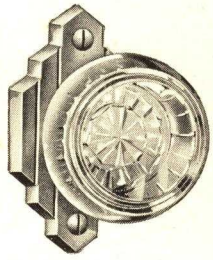
No. TBV200 Set



Side View of
No. KNC134 knob
with French shank



Nos. CV50 and DGO542



Nos. CV50 and DGO341

No.—Brass	No.—Steel	Size	Article
CV34	**AV34**	2 in. dia.	Door knob (metal)
KNC134	.....	2 " "	" " (") French shank
DGO341	.....	2 " "	" " (glass)
DGO542	.....	2 " "	" " (")
CV50	**AV50**	3⅛ x 1¾ in.	Rose for latch set
CV50S	**AV50S**	3⅛ x 1¾ "	" cut for push button
CV50E	**AV50E**	3⅛ x 1¾ "	" " " emergency key
D20 x 10	**B20 x 10**	2¾ x 1⅝ "	Plate and turn knob

WROUGHT BRASS LOCK SETS

Set No.			Lock	Knobs	Trim Outside	Trim Inside
TBV200	Latch	set	T20	CV34	CV50	CV50
TBV201	"	"	T20	KNC134	CV50	CV50
TBV205	"	"	T20	DGO542	CV50	CV50
TBV206	"	"	T20	DGO341	CV50	CV50
TBV200CS	Closet	"	T20CS	CV34 x 10TK	CV50	D20
TBV201CS	"	"	T20CS	KNC134 x 10TK	CV50	D20
TBV205CS	"	"	T20CS	DGO542 x 10TK	CV50	D20
TBV206CS	"	"	T20CS	DGO341 x 10TK	CV50	D20
TBV210†	Bedroom	"	T22	CV34	CV50	CV50S
TBV211†	"	"	T22	KNC134	CV50	CV50S
TBV215†	"	"	T22	DGO542	CV50	CV50S
TBV216†	"	"	T22	DGO341	CV50	CV50S
TBV220*	Bathroom	"	T22	CV34	CV50E	CV50S
TBV221*	"	"	T22	KNC134	CV50E	CV50S
TBV225*	"	"	T22	DGO542	CV50E	CV50S
TBV226*	"	"	T22	DGO341	CV50E	CV50S

WROUGHT STEEL LOCK SETS

TSV300	Latch	set	T30	AV34	AV50	AV50
TSV305	"	"	T30	DGO542	AV50	AV50
TSV306	"	"	T30	DGO341	AV50	AV50
TSV300CS	Closet	"	T30CS	AV34 x 10TK	AV50	B20
TSV305CS	"	"	T30CS	DGO542 x 10TK	AV50	B20
TSV306CS	"	"	T30CS	DGO341 x 10TK	AV50	B20
TSV310†	Bedroom	"	T32	AV34	AV50	AV50S
TSV315†	"	"	T32	DGO542	AV50	AV50S
TSV316†	"	"	T32	DGO341	AV50	AV50S
TSV320*	Bathroom	"	T32	AV34	AV50E	AV50S
TSV325*	"	"	T32	DGO542	AV50E	AV50S
TSV326*	"	"	T32	DGO341	AV50E	AV50S

*Lock face and inside trim NZ10 finish. DZ10 to order at an extra price. Bathroom sets are regularly supplied with an emergency key and a release slot in the outside rose.

†When so ordered, bedroom sets will be supplied with an emergency release slot in the outside rose. Add "E" to set number.

WROUGHT DESIGNS

ATHENIAN DESIGN

Wrought Bronze or Brass and Wrought Steel

Symbols: Bronze or Brass—CA; Steel—AA

Standard Finishes:

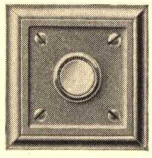
Bronze—BZ10; BY22; NY10; BY24; CZ27.
Brass—AZ10; AY22; AX28.
Steel—AY22; AX28; CZ27; NV10.

For finishes, see page XXV.
For lock sets, see following page.

CUTS ONE-THIRD SIZE



No. GA1133



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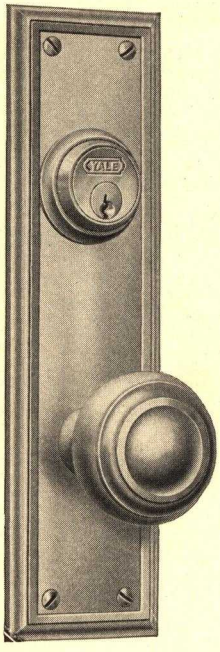
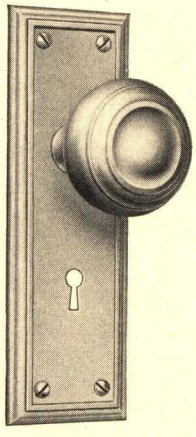
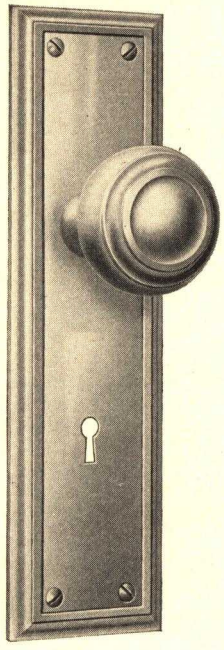


Nos. CA89 and CA35



Nos. CA86 and CA35



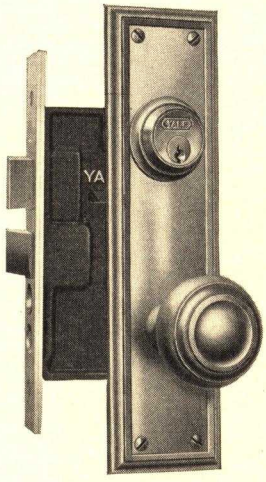
Nos. CA89 and CA35

No.—Brass	No.—Steel	Size	Article
CA35	**AA35**	2¼ in. dia.	Door knob
CA81	**AA81**	5¼ x 1¼ in.	Escutcheon for French door locks
CA86	**AA86**	7⅛ x 2⅜ "	" " inside " "
CA89	**AA89**	10 x 2¾ "	" " front " "
CA530	....	10 x 2¾ "	Door pull (grip No. 132)
GA1133*	....	2 5/16 x 2 5/16 "	Cylinder plate
GA1401*	....	2 5/16 x 2 5/16 "	Push button
CA1730	**AA1730**	10 x 2¾ "	Push plate
GA4534*	....	13¼ x 2 5/16 "	Handle (page 122)
GA4734*	....	13¼ x 2 5/16 "	" (" 122)

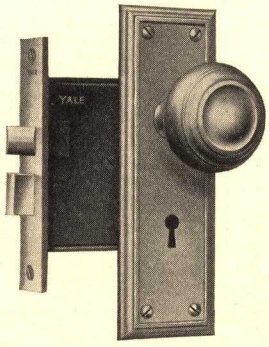
*Cast Bronze or Brass.
For escutcheon plates, with turn knobs, add ½ to list number.

ATHENIAN DESIGN

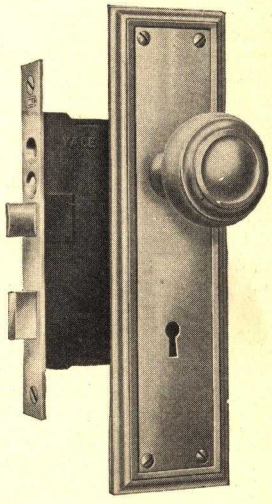
Lock Sets



Cylinder Front Door Set



Inside Door Set



Bit Key Front Door Set

Wrought Bronze or Brass Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
CA8020	Inside door	802	42	CA35	CA86 x CA86 escuts.
CA8210	" "	821	44	CA35	CA86 x CA86 "
CA8200	" "	820	44	CA35	CA86 x CA86 "
CA18210	" "	1821	43	CA35	CA86 x CA86 "
CA18200	" "	1820	43	CA35	CA86 x CA86 "
CA18310	" "	1831	43	CA35	CA86 x CA86 "
CA18300	" "	1830	43	CA35	CA86 x CA86 "
CA8020-CS	Closet "	802	42	½ pr. CA35	CA86 escut. x 2189 clo. spindle
CA8210-CS	" "	821	44	½ " CA35	CA86 " x 2189 " "
CA8200-CS	" "	820	44	½ " CA35	CA86 " x 2189 " "
CA18210-CS	" "	1821	43	½ " CA35	CA86 " x 2189 " "
CA18200-CS	" "	1820	43	½ " CA35	CA86 " x 2189 " "
CA18310-CS	" "	1831	43	½ " CA35	CA86 " x 2189 " "
CA18300-CS	" "	1830	43	½ " CA35	CA86 " x 2189 " "
CA8174	French "	817	42	905 x DO33	CA81 x CA81 escuts.
CA15120*	Bath room	1512	51	CA35 x DO35	CA86 x DT83½ "
CA15190*	" "	1519	52	CA35 x DO35	CA86 x DT83½ "
CA18190*	" "	1819	52	CA35 x DO35	CA86 x DT83½ "
CA15230	Communicating	1523	54	CA35	CA86½ x CA86½ "
CA15240	"	1524	55	CA35	CA86½ x CA86½ "
CA18240	"	1824	54	CA35	CA86½ x CA86½ "
CA7600	Bit key front door	760	12	CA35	CA89 x CA86 "
CA7610	" " " "	761	12	CA35	CA89 x CA86 "
CA7710	" " vestibule	771	12	CA35	CA86 x CA86 "
CA77500	Cylinder front door	7750	9	CA35	CA89 x CA86½ "
CA77900	" vestibule	7790	9	CA35	CA89 x CA86 "
CA77901	" office	7790	9	CA35	CA86 x CA86 "

Wrought Steel Lock Sets

AA00	Inside door	0	72	AA35	AA86 x AA86 escuts.
AA8080	" "	808	42	AA35	AA86 x AA86 "
AA00-CS	Closet "	0	72	½ pr. AA35	AA86 escut. x 2189 clo. spindle
AA8080-CS	" "	808	42	½ " AA35	AA86 " x 2189 " "
AA8184	French "	818	42	2905 x BO33	AA81 x AA81 escuts.
AA15130*	Bath room	1513	51	AA35 x BO35	AA86 x BU85½ "
AA7590	Bit key front door	759	12	AA35	AA89 x AA86 "
AA7690	" " vestibule	769	12	AA35	AA86 x AA86 "

*Inside trim, NZ10 finish.

Specify set number, name of design, thickness of door and finish.

Entrance Door Handle Lock Sets are shown on page 122.

BORDIAN DESIGN

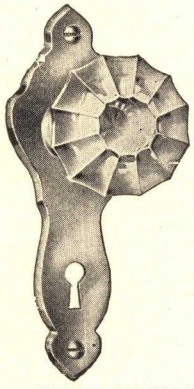
Wrought Brass and Wrought Steel

Symbols: Brass—CB; Steel—AB

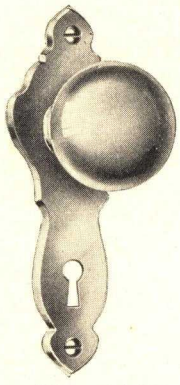
Standard Finishes:

Brass—AZ10; AY22; BY22; BY24; AX28; NZ10; NY10 and NX36.
Steel—AZ10; AY22; AX28; NZ10; NY10 and NX36.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



Nos. CB83 and DGO542



Nos. CB83 and DO34



Nos. CB83 and DGO341

No.—Brass	No.—Steel	Size	Article
DO34	**BO34**	2 in. dia.	Door knob (metal)
DGO341	.....	2 " "	" " (glass)
DGO542	.....	2 " "	" " (")
CB83	**AB83**	5¾ x 2 1/16 in.	Escutcheon for 3½ and 3¾ in. locks only

For escutcheon plates, with turn knobs, add ½ to list number.

Wrought Brass Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
CB8020	Inside door	802	42	DO34	CB83 x CB83 escuts.
CB8210	" "	821	44	DO34	CB83 x CB83 "
CB18210	" "	1821	43	DO34	CB83 x CB83 "
CB18310	" "	1831	43	DO34	CB83 x CB83 "
GCB8080N	" "	808	42	DGO542	CB83 x CB83 "
GCB8020N	" "	802	42	DGO542	CB83 x CB83 "
GCB8210N	" "	821	44	DGO542	CB83 x CB83 "
GCB18210N	" "	1821	43	DGO542	CB83 x CB83 "
GCB18310N	" "	1831	43	DGO542	CB83 x CB83 "
CB8020-CS	Closet "	802	42	½ pr. DO34	CB83 escut. x 2189 clo. spindle
GCB8080N-CS	" "	808	42	½ " DGO542	CB83 " x F2189 " "
GCB8020N-CS	" "	802	42	½ " DGO542	CB83 " x F2189 " "
CB8174	French "	817	42	905 x DO34	CB83 x CB83 escuts.
GCB8174N	" "	817	42	905 x DGO542	CB83 x CB83 "
CB15120*	Bath room	1512	51	DO34	CB83 x CB83½ "
GCB15120N*	" "	1512	51	DGO542	CB83 x CB83½ "
CB18190*	" "	1819	52	DO34	CB83 x CB83½ "
GCB18190N*	" "	1819	52	DGO542	CB83 x CB83½ "

Wrought Steel Lock Sets

AB8080	Inside door	808	42	BO34	AB83 x AB83 escuts.
GAB8080N	" "	808	42	DGO542	AB83 x AB83 "
AB8080-CS	Closet "	808	42	½ pr. BO34	AB83 escut. x 2189 clo. spindle
GAB8080N-CS	" "	808	42	½ " DGO542	AB83 " x F2189 " "
AB15130*	Bath room	1513	51	BO34	AB83 x AB83½ escuts.
GAB15130N*	" "	1513	51	DGO542	AB83 x AB83½ "

*Inside trim, NZ10 finish.
Specify set number, name of design, thickness of door and finish.
The DGO341 or DGO752 glass knobs can be furnished in sets in place of the DGO542 knobs at the same price. When ordering sets with the DGO341 knobs, affix the letter "S" to set number instead of "N," thus GCB8020S, etc. For sets with the DGO752 knobs, affix the letter "R."

CUTS ONE-THIRD SIZE

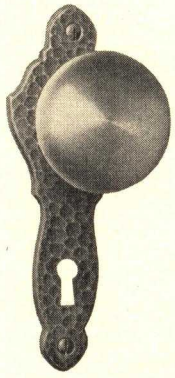
CORDOVIAN DESIGN

Wrought Brass and Wrought Steel

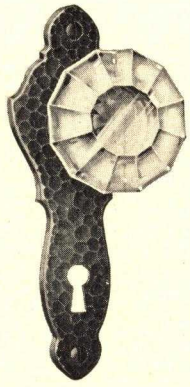
Symbols: Brass—CC; Steel—AC

Standard Finishes:

Brass—AY22; BY24 and NX36.
Steel—NX36. For finishes, see page XXV.



Nos. CC83 and DO34



Nos. CC83 and DGO542

Brass	Steel	Size	Article
DO34	**BO34**	2 in. dia.	Door knob
DGO341	.....	2 " "	" " (glass)
DGO542	.....	2 " "	" " "
CC83	**AC83**	5¾ x 2 1/16 in.	Escutcheon for 3½ and 3¾ in. locks only

For escutcheon plates, with turn knobs, add ½ to list number.

Wrought Brass Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
CC8020	Inside door	802	42	DO34	CC83 x CC83 escuts.
GCC8020N	" "	802	42	DGO542	CC83 x CC83 "
CC8020-CS	Closet "	802	42	½ pr. DO34	CC83 escut. x 2189 clo. spindle
GCC8020N-CS	" "	802	42	½ " DGO542	CC83 " x F2189 " "
CCB15120*	Bath room	1512	51	DO34	CC83 x CB83½ escuts.
GCCB15120N*	" "	1512	51	DGO542	CC83 x CB83½ "

Wrought Steel Lock Sets

AC8080	Inside door	808	42	BO34	AC83 x AC83 escuts.
GAC8080N	" "	808	42	DGO542	AC83 x AC83 "
AC8080-CS	Closet "	808	42	½ pr. BO34	AC83 escut. x 2189 clo. spindle
GAC8080N-CS	" "	808	42	½ " DGO542	AC83 " x F2189 " "
ACB15130*	Bath room	1513	51	BO34	AC83 x AB83½ escuts.
GACB15130N*	" "	1513	51	DGO542	AC83 x AB83½ "

*Inside knob and Bordian escutcheon, NZ10 finish.
Specify set number, name of design, thickness of door and finish.
The DGO341 or DGO752 glass knobs can be furnished in sets in place of the DGO542 knobs at the same price. When ordering sets with the DGO 341 knobs, affix the letter "S" to set number, thus GCC8020S, etc. For sets with the DGO752 knobs, affix the letter "R."

DERBIAN DESIGN

Wrought Brass and Wrought Steel

Symbols: Brass—CD; Steel—AD

Standard Finishes:

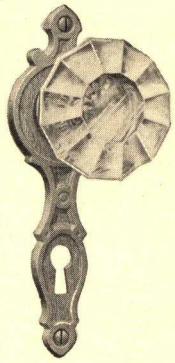
Brass—AY21; BY21; BY23; AX28 and NY21.
Steel—AY21; AX28 and NV21.

For finishes, see page XXV.
For lock sets, see following page.

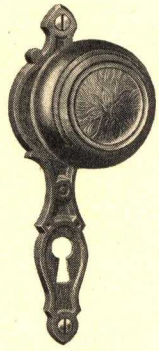
CUTS ONE-THIRD SIZE



Nos. CD88 and CD34



Nos. CD83 and DGO542



Nos. CD83 and CD34



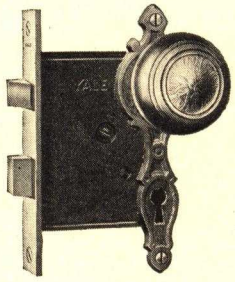
Nos. CD83 and DGO341

No.—Brass	No.—Steel	Size	Article
CD34	**AD34**	2 in. dia.	Door knob
DGO341	.....	2 " "	" " (glass)
DGO542	.....	2 " "	" " (")
CD83	**AD83**	5½ x 1¾ in.	Escutcheon for 3½ in. and 3¾ in. locks only.
CD88	.....	8½ x 2¼ "	" " cylinder locks with 3½ in. spacing only, and No. 761 series bit key front door locks.

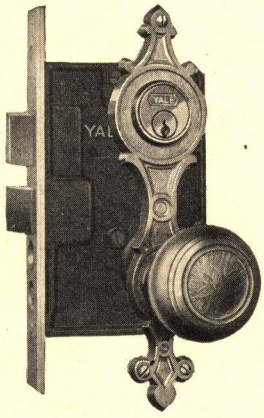
For escutcheon plates, with turn knobs, add ½ to list number.

DERBIAN DESIGN

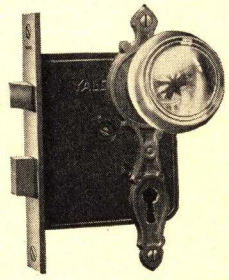
Lock Sets



Inside Door Set with Metal Knob



Cylinder Front Door Set



Inside Door Set with Glass Knob

Wrought Brass Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
CD8020	Inside door	802	42	CD34	CD83 x CD83 escuts.
CD8210	" "	821	44	CD34	CD83 x CD83 "
CD8200	" "	820	44	CD34	CD83 x CD83 "
CD18210	" "	1821	43	CD34	CD83 x CD83 "
CD18310	" "	1831	43	CD34	CD83 x CD83 "
GCD8080N	" "	808	42	DGO542	CD83 x CD83 "
GCD8020N	" "	802	42	DGO542	CD83 x CD83 "
GCD8210N	" "	821	44	DGO542	CD83 x CD83 "
GCD8200N	" "	820	44	DGO542	CD83 x CD83 "
GCD18210N	" "	1821	43	DGO542	CD83 x CD83 "
GCD18310N	" "	1831	43	DGO542	CD83 x CD83 "
CD10220-CS	Closet "	1022	73	½ pr. CD34	CD83 escut. x 2189 clo. spindle
CD8020-CS	" "	802	42	½ " CD34	CD83 " x 2189 " "
CD8210-CS	" "	821	44	½ " CD34	CD83 " x 2189 " "
CD18210-CS	" "	1821	43	½ " CD34	CD83 " x 2189 " "
CD18310-CS	" "	1831	43	½ " CD34	CD83 " x 2189 " "
GCD10220N-CS	" "	1022	73	½ " DGO542	CD83 " x F2189 " "
GCD8080N-CS	" "	808	42	½ " DGO542	CD83 " x F2189 " "
GCD8020N-CS	" "	802	42	½ " DGO542	CD83 " x F2189 " "
GCD8210N-CS	" "	821	44	½ " DGO542	CD83 " x F2189 " "
GCD18210N-CS	" "	1821	43	½ " DGO542	CD83 " x F2189 " "
GCD18310N-CS	" "	1831	43	½ " DGO542	CD83 " x F2189 " "
CD8174	French "	817	42	905 x CD34	CD83 x CD83 escuts.
GCD8174N	" "	817	42	905 x DGO542	CD83 x CD83 "
CD15120*	Bath room	1512	51	CD34	CD83 x CD83½ "
GCD15120N*	" "	1512	51	DGO542	CD83 x CD83½ "
CD18190*	" "	1819	52	CD34	CD83 x CD83½ "
GCD18190N*	" "	1819	52	DGO542	CD83 x CD83½ "
CD7600	Bit key front door	760	12	CD34	CD88 x CD88 "
CD7610	" " " "	761	12	CD34	CD88 x CD88 "
CD77500	Cylinder " "	7750	9	CD34	CD88 x CD88½ "
CD77900	" vestibule	7790	9	CD34	CD88 x CD88 "

Wrought Steel Lock Sets

AD8080	Inside door	808	42	AD34	AD83 x AD83 escuts.
GAD8080N	" "	808	42	DGO542	AD83 x AD83 "
AD8080-CS	Closet "	808	42	½ pr. AD34	AD83 escut. x 2189 clo. spindle
GAD8080N-CS	" "	808	42	½ " DGO542	AD83 " x F2189 " "
AD15130*	Bath room	1513	51	AD34	AD83 x AD83½ escuts.
GAD15130N*	" "	1513	51	DGO542	AD83 x AD83½ "

*Inside trim, NZ10 finish.

Specify set number, name of design, thickness of door and finish.

The DGO341 or DGO752 glass knobs can be furnished in sets in place of the DGO542 knobs at the same price. When ordering sets with the DGO341 knobs, affix the letter "S" to set number instead of "N," thus GCD8020S, etc. For sets with the DGO752 knobs, affix the letter "R."

LINIAN DESIGN

Wrought Brass and Wrought Steel

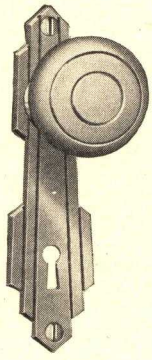
Symbols: Brass—CL; Steel—AL

Standard Finishes:

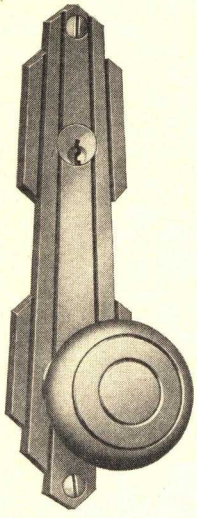
Brass—AY21; BY21; BY23; AX28; NY21.
Steel—AY21; BY21; AX28; NV21.

For finishes, see page XXV.
For lock sets, see following page.

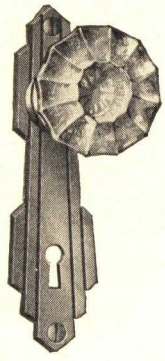
CUTS ONE-THIRD SIZE



Nos. CL83 and CL34



Nos. CL86 and CL34



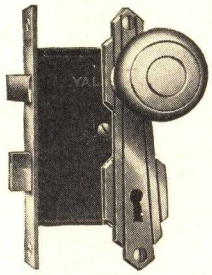
Nos. CL83 and DGO542

No.—Brass	No.—Steel	Size	Article
CL34	**AL34**	2 in. dia.	Door knob (metal)
DGO341	.....	2 " "	" " (glass)
DGO542	.....	2 " "	" " (")
CL83	**AL83**	5½ x 1½ in.	Escutcheon for 3½ and 3¾ in. locks only
CL86	.....	7⅞ x 2 "	" " cylinder locks with 3½ in. spacing only, and bit key locks with 2¾ in. spacing only

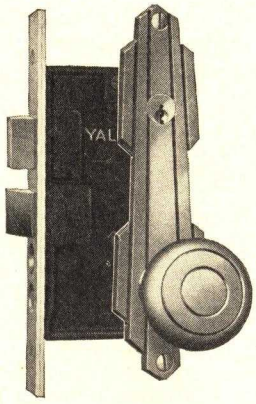
For escutcheon plates, with turn knobs, add ½ to list number.

LINIAN DESIGN

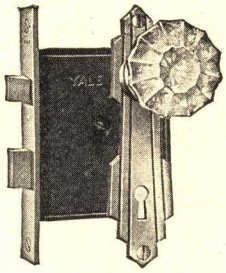
Lock Sets



Inside Door Set with Metal Knob



Cylinder Front Door Set



Inside Door Set with Glass Knob

Wrought Brass Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
CL8020	Inside door	802	42	CL34	CL83 x CL83 escuts.
CL8210	" "	821	44	CL34	CL83 x CL83 "
CL8200	" "	820	44	CL34	CL83 x CL83 "
CL18210	" "	1821	43	CL34	CL83 x CL83 "
CL18200	" "	1820	43	CL34	CL83 x CL83 "
CL18310	" "	1831	43	CL34	CL83 x CL83 "
CL18300	" "	1830	43	CL34	CL83 x CL83 "
GCL8080N	" "	808	42	DGO542	CL83 x CL83 "
GCL8020N	" "	802	42	DGO542	CL83 x CL83 "
GCL8210N	" "	821	44	DGO542	CL83 x CL83 "
GCL8200N	" "	820	44	DGO542	CL83 x CL83 "
GCL18210N	" "	1821	43	DGO542	CL83 x CL83 "
GCL18200N	" "	1820	43	DGO542	CL83 x CL83 "
GCL18310N	" "	1831	43	DGO542	CL83 x CL83 "
GCL18300N	" "	1830	43	DGO542	CL83 x CL83 "
CL10220-CS	Closet "	1022	73	½ pr. CL34	CL83 escut. x 2189 clo. spindle
CL8020-CS	" "	802	42	½ " CL34	CL83 " x 2189 " "
CL8210-CS	" "	821	44	½ " CL34	CL83 " x 2189 " "
CL18210-CS	" "	1821	43	½ " CL34	CL83 " x 2189 " "
CL18310-CS	" "	1831	43	½ " CL34	CL83 " x 2189 " "
GCL10220N-CS	" "	1022	73	½ " DGO542	CL83 " x F2189 " "
GCL8080N-CS	" "	808	42	½ " DGO542	CL83 " x F2189 " "
GCL8020N-CS	" "	802	42	½ " DGO542	CL83 " x F2189 " "
GCL8210N-CS	" "	821	44	½ " DGO542	CL83 " x F2189 " "
GCL18210N-CS	" "	1821	43	½ " DGO542	CL83 " x F2189 " "
GCL18310N-CS	" "	1831	43	½ " DGO542	CL83 " x F2189 " "
CL8174	French "	817	42	905 x CL34	CL83 x CL83 escuts.
GCL8174N	" "	817	42	905 x DGO542	CL83 x CL83 "
CL15120*	Bath room	1512	51	CL34	CL83 x CL83½ "
GCL15120N*	" "	1512	51	DGO542	CL83 x CL83½ "
CL18190*	" "	1819	52	CL34	CL83 x CL83½ "
GCL18190N*	" "	1819	52	DGO542	CL83 x CL83½ "
CL7600	Bit key front door	760	12	CL34	CL86 x CL86 "
CL7610	" " " "	761	12	CL34	CL86 x CL86 "
CL77500	Cylinder " "	7750	9	CL34	CL86 x CL86½ "
CL77900	" vestibule	7790	9	CL34	CL86 x CL86 "

Wrought Steel Lock Sets

AL8080	Inside door	808	42	AL34	AL83 x AL83 escuts.
GAL8080N	" "	808	42	DGO542	AL83 x AL83 "
AL8080-CS	Closet "	808	42	½ pr. AL34	AL83 escut. x 2189 clo. spindle
GAL8080N-CS	" "	808	42	½ " DGO542	AL83 " x F2189 " "
AL15130*	Bath room	1513	51	AL34	AL83 x AL83½ escuts.
GAL15130N*	" "	1513	51	DGO542	AL83 x AL83½ "

*Inside trim, NZ10 finish.

Specify set number, name of design, thickness of door and finish.

The DGO341 or DGO752 glass knobs can be furnished in sets in place of the DGO542 knobs at the same price. When ordering sets with the DGO341 knobs, affix the letter "S" to set number, instead of "N," thus GCL8020S, etc. For sets with the DGO752 knobs, affix the letter "R."

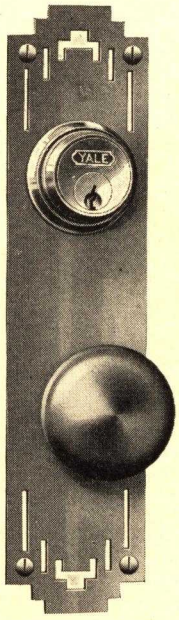
MILTONIAN DESIGN

CUTS ONE-THIRD SIZE

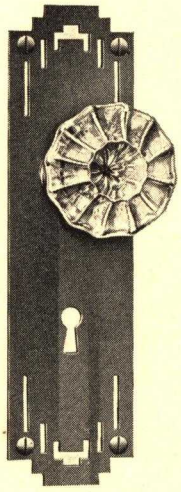
Wrought Brass or Bronze

Symbol CM

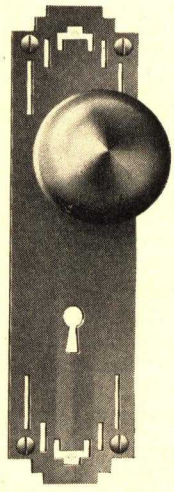
Standard Finishes:
AY22; BY22; BY23; AX28; NY10.
For finishes, see page XXV.



Nos. CM89 and DO34



Nos. CM85 and DGO542



Nos. CM85 and DO34

No.	Size	Article
DO34	2 in. dia.	Door knob
DGO542	2 " "	" " (glass)
CM85	7½ x 2 in.	Escutcheon for inside locks
CM89	9½ x 2¼ "	" " front door locks

For escutcheon plates, with turn knobs, add ½ to list number.

Wrought Brass or Bronze Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
CM8020	Inside door	802	42	DO34	CM85 x CM85 escuts.
CM8210	" "	821	44	DO34	CM85 x CM85 "
CM18210	" "	1821	43	DO34	CM85 x CM85 "
CM18310	" "	1831	43	DO34	CM85 x CM85 "
GCM8080N	" "	808	42	DGO542	CM85 x CM85 "
GCM8020N	" "	802	42	DGO542	CM85 x CM85 "
GCM8210N	" "	821	44	DGO542	CM85 x CM85 "
GCM18210N	" "	1821	43	DGO542	CM85 x CM85 "
GCM18310N	" "	1831	43	DGO542	CM85 x CM85 "
CM10220-CS	Closet "	1022	73	½ pr. DO34	CM85 escut. x 2189 clo. spindle
CM8020-CS	" "	802	42	½ " DO34	CM85 " x 2189 " "
CM8210-CS	" "	821	44	½ " DO34	CM85 " x 2189 " "
CM18210-CS	" "	1821	43	½ " DO34	CM85 " x 2189 " "
CM18310-CS	" "	1831	43	½ " DO34	CM85 " x 2189 " "
GCM10220N-CS	" "	1022	73	½ " DGO542	CM85 " x F2189 " "
GCM8080N-CS	" "	808	42	½ " DGO542	CM85 " x F2189 " "
GCM8020N-CS	" "	802	42	½ " DGO542	CM85 " x F2189 " "
GCM8210N-CS	" "	821	44	½ " DGO542	CM85 " x F2189 " "
GCM18210N-CS	" "	1821	43	½ " DGO542	CM85 " x F2189 " "
GCM18310N-CS	" "	1831	43	½ " DGO542	CM85 " x F2189 " "
CM8174	French "	817	42	905 x DO34	CM85 x CM85 escuts.
GCM8174N	" "	817	42	905 x DGO542	CM85 x CM85 "
CM15120*	Bath room	1512	51	DO34	CM85 x CM85½ "
GCM15120N*	" "	1512	51	DGO542	CM85 x CM85½ "
CM18190*	" "	1819	52	DO34	CM85 x CM85½ "
GCM18190N*	" "	1819	52	DGO542	CM85 x CM85½ "
CM7600	Bit key front door	760	12	DO34	CM89 x CM89 "
CM7610	" " " "	761	12	DO34	CM89 x CM89 "
CM77500	Cylinder " "	7750	9	DO34	CM89 x CM89½ "
CM77900	" vestibule	7790	9	DO34	CM89 x CM89 "

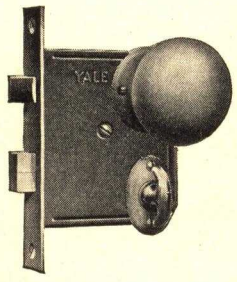
*Inside trim, NZ10 finish.

Specify set number, name of design, thickness of door and finish.

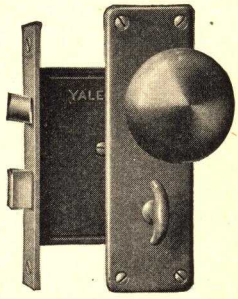
The DGO341 or DGO752 glass knobs can be furnished in sets in place of the DGO542 knobs at the same price. When ordering sets with the DGO341 knobs, affix the letter "S" to set number, instead of "N," thus GCM8020S, etc. For sets with the DGO752 knobs, affix the letter "R."

BATH ROOM LOCK SETS

Plain Designs



No. DY15125½ Set Half trim
No. DY15125 Set Full trim



No. DT15120½ Set Half trim
No. DT15120 Set Full trim

Wrought Bronze or Brass Lock Sets

Set No.	Design	Lock No.	Page	Knobs	Trim
DY15125½*	Yardian	1512	51	½ pr. DO35	D222 rose x DY1305½
DY15125	"	1512	51	1 " DO35	D222 " x D812 x DY1305½
DY15126½*	"	1512	51	½ " DO34	D222 " x DY1305½
DY15126	"	1512	51	1 " DO34	D222 " x D812 x DY1305½
DY15127½*	"	1512	51	½ " DO33	D321 " x DY1305½
DY15127	"	1512	51	1 " DO33	D321 " x D812 x DY1305½
DY15195½*	"	1519	52	½ " DO35	D222 " x DY1305½
DY15195	"	1519	52	1 " DO35	D222 " x D812 x DY1305½
DY15196½*	"	1519	52	½ " DO34	D222 " x DY1305½
DY15196	"	1519	52	1 " DO34	D222 " x D812 x DY1305½
DY15197½*	"	1519	52	½ " DO33	D321 " x DY1305½
DY15197	"	1519	52	1 " DO33	D321 " x D812 x DY1305½
DY18195½*	"	1819	52	½ " DO35	D222 " x DY1305½
DY18195	"	1819	52	1 " DO35	D222 " x D812 x DY1305½
DU15120½*	Utopian	1512	51	½ " DO35	DU85½ escut.
DU15120	"	1512	51	1 " DO35	DU85 x DU85½ escuts.
DU15190½*	"	1519	52	½ " DO35	DU85½ escut.
DU15190	"	1519	52	1 " DO35	DU85 x DU85½ escuts.
DU18190½*	"	1819	52	½ " DO35	DU85½ escut.
DU18190	"	1819	52	1 " DO35	DU85 x DU85½ escuts.
DT15120½*	Torian	1512	51	½ " DO35	DT83½ escut.
DT15120	"	1512	51	1 " DO35	DT83 x DT83½ escuts.
DT15121½*	"	1512	51	½ " DO34	DT83½ escut.
DT15121	"	1512	51	1 " DO34	DT83 x DT83½ escuts.
DT15190½*	"	1519	52	½ " DO35	DT83½ escut.
DT15190	"	1519	52	1 " DO35	DT83 x DT83½ escuts.
DT15191½*	"	1519	52	½ " DO34	DT83½ escut.
DT15191	"	1519	52	1 " DO34	DT83 x DT83½ escuts.
DT18190½*	"	1819	52	½ " DO35	DT83½ escut.
DT18190	"	1819	52	1 " DO35	DT83 x DT83½ escuts.

Wrought Steel Lock Sets

BY15135½*	Yardian	1513	51	½ pr. BO35	B222 rose x BY1305½
BY15135	"	1513	51	1 " BO35	B222 " x B812 x BY1305½
BY15136½*	"	1513	51	½ " BO34	B222 " x BY1305½
BY15136	"	1513	51	1 " BO34	B222 " x B812 x BY1305½
BY15137½*	"	1513	51	½ " BO33	B321 " x BY1305½
BY15137	"	1513	51	1 " BO33	B321 " x B812 x BY1305½
BU15130½*	Utopian	1513	51	½ " BO35	BU85½ escut.
BU15130	"	1513	51	1 " BO35	BU85 x BU85½ escuts.

*These sets have trim on inside only. Regularly furnished NZ10 finish.
Specify set number, name of design and finish of outside trim. Inside trim regularly furnished NZ10 finish.

TORIAN DESIGN

Round Corners and Round Edges

Wrought Bronze or Brass

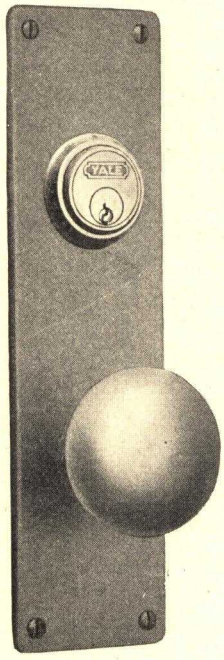
Symbol DT

Standard Finishes:

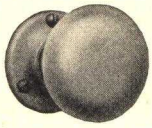
AZ10; BZ10; AY22; BY22; CZ27; NY10; NZ10; FX80 on steel.

For finishes, see page XXV.
For lock sets, see following page.

CUTS ONE-THIRD SIZE



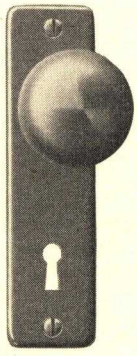
Nos. DT89 and DO35



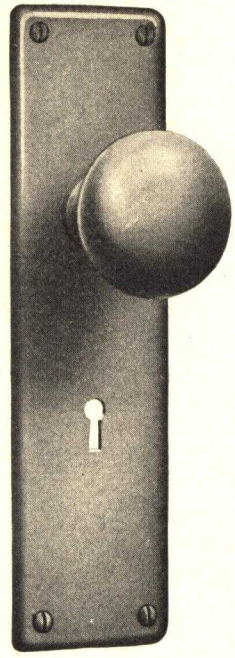
Nos. DO33 and D321



No. DT812



Nos. DT81 and DO33

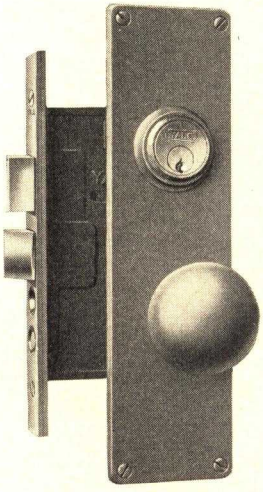


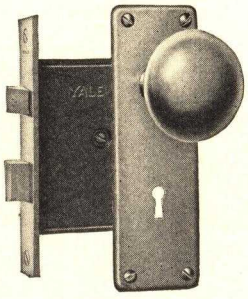
Nos. DT89 and DO35

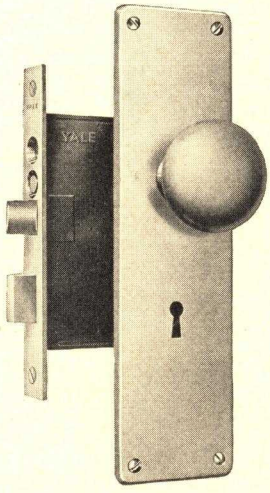
No.	Size	Article
DO33	1¾ in. dia.	Door knob
DO34	2 " "	" "
DO35	2¼ " "	" "
DT81	5½ x 1⅝ in.	Escutcheon for French door locks
DT83	6 x 2 "	" " inside door locks
DT86	7½ x 2¼ "	" " " " "
DT89	10 x 2¾ "	" " front " "
D222	2 in. dia.	Knob rose
D321	1¾ " "	" "
DT812	1 1/16 x 1 1/16 in.	Key plate for door locks
DT815	1 1/16 x 1 1/16 "	" "
DT1205*	1 1/16 x 1 1/16 "	Plate cut for turn knob
DT3854	7¼ x 2¼ "	Cup for sliding door locks

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Entrance Door Handles, shown on page 133.
Door Pulls and Push Plates of above design are listed in the Plain Hardware section.

TORIAN DESIGN
Lock Sets


Cylinder Front Door Set


Inside Door Set


Bit Key Front Door Set

Wrought Bronze or Brass Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
DT8020	Inside door	802	42	DO35	DT83 x DT83 escuts.
DT8021	" "	802	42	DO34	DT83 x DT83 "
DT8041	" "	804	42	DO34	DT83 x DT83 "
DT8210	" "	821	44	DO35	DT83 x DT83 "
DT8200	" "	820	44	DO35	DT83 x DT83 "
DT18210	" "	1821	43	DO35	DT83 x DT83 "
DT18200	" "	1820	43	DO35	DT83 x DT83 "
DT18310	" "	1831	43	DO35	DT83 x DT83 "
DT18300	" "	1830	43	DO35	DT83 x DT83 "
DT15000	" "	1500	47	DO35	DT86 x DT86 "
DT8020-CS	Closet "	802	42	½ pr. DO35	DT83 escuts. x 2189 clo. spindle
DT8021-CS	" "	802	42	½ " DO34	DT83 " x 2189 " "
DT8041-CS	" "	804	42	½ " DO34	DT83 " x 2189 " "
DT8210-CS	" "	821	44	½ " DO35	DT83 " x 2189 " "
DT18210-CS	" "	1821	43	½ " DO35	DT83 " x 2189 " "
DT18200-CS	" "	1820	43	½ " DO35	DT83 " x 2189 " "
DT18310-CS	" "	1831	43	½ " DO35	DT83 " x 2189 " "
DT18300-CS	" "	1830	43	½ " DO35	DT83 " x 2189 " "
DT8174	French "	817	42	905 x DO33	DT81 x DT81 escuts.
DT15230	Communicating	1523	54	DO35	DT83½ x DT83½ "
DT15240	"	1524	55	DO35	DT83½ x DT83½ "
DT18240	"	1824	54	DO35	DT83½ x DT83½ "
DT17050	Sliding door	1705	61	.....	DT3854 x DT3854 "
DT17150	" "	1715	61	.....	DT3854 x DT3854 "
DT7600	Bit key front door	760	12	DO35	DT89 x DT86 "
DT7610	" " " "	761	12	DO35	DT89 x DT86 "
DT7710	" " vestibule	771	12	DO35	DT86 x DT86 "
DT77500	Cylinder front door	7750	9	DO35	DT89 x DT86½ "
DT77900	" vestibule	7790	9	DO35	DT89 x DT86 "
DT77901	" office	7790	9	DO35	DT86 x DT86 "
DT76561	" "	7656	29	DO35	DT86 x DT86 "
DT77381	" "	7738	25	DO35	DT86 x DT86 "

Specify set number, name of design, thickness of door and finish.
Bath Room Door Sets are listed on page 295.
Entrance Door Handle Lock Sets are shown on page 133.

UTOPIAN DESIGN

Wrought Bronze or Brass and Wrought Steel

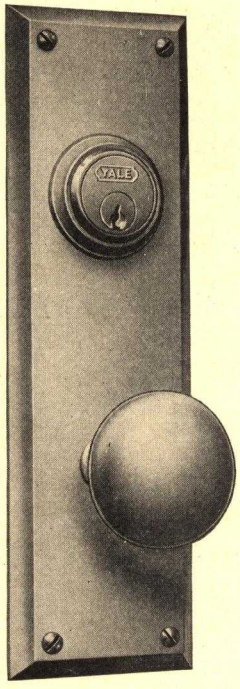
Symbols: Bronze or Brass—DU; Steel—BU

CUTS ONE-THIRD SIZE

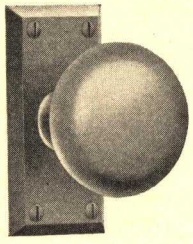
Standard Finishes:

Bronze—BZ10; BY22; BY23; BY24; CZ27; NZ10; NY10; FX80 on steel.
Brass—AZ10; AY22; AX28.
Steel—BZ10; AY22; CZ27; AX28; NV10 and NX36.

For finishes, see page XXV.
For lock sets, see following page.



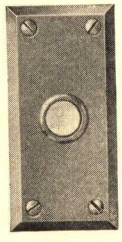
Nos. DU89 and DO35



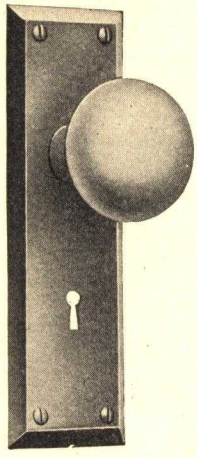
Nos. DU242 and DO35



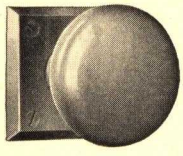
No. DU1133



No. DU1413



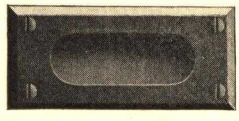
Nos. DU85 and DO35



Nos. DU233 and DO35



No. DU812



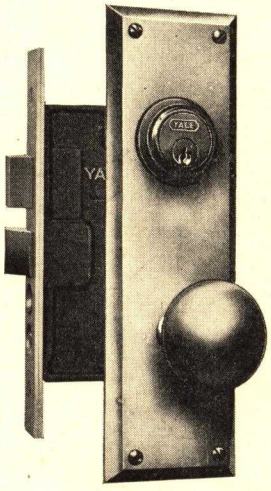
No. DU1348

No.—Brass	No.—Steel	Size	Article
DO35	**BO35**	2¼ in. dia.	Door knob
DU81	**BU81**	5¼ x 1⅛ in.	Escutcheon for French door locks
DU85	**BU85**	7 x 2¼ "	" " inside " "
DU87	**BU87**	8 x 2½ "	" " front " "
DU89	**BU89**	10 x 3 "	" " " " "
DU233	.....	2¼ x 2¼ "	Knob rose
DU242	.....	3½ x 1¾ "	" "
DU812	.....	1 5/16 x 1⅛ "	Key plate for door locks
DU854	.....	7 x 2¼ "	Cup for sliding door locks
DU1133	.....	2¼ x 2¼ "	Cylinder plate
DU1348	.....	1¾ x 3½ "	Sash lift, flush
DU1413	.....	3½ x 1¾ "	Push button
DU1501	.....	2¼ x 7 "	Letter box plate, outside
DU1511	.....	2¼ x 7 "	" " " inside

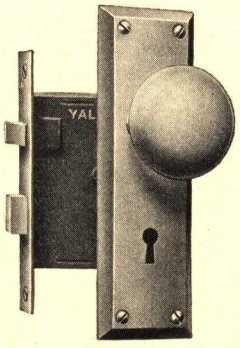
For escutcheon plates, with turn knobs, add ½ to list number.
Entrance Door Handles, shown on page 133.
Door Pulls and Push Plates of above design are listed in the Plain Hardware section.

UTOPIAN DESIGN

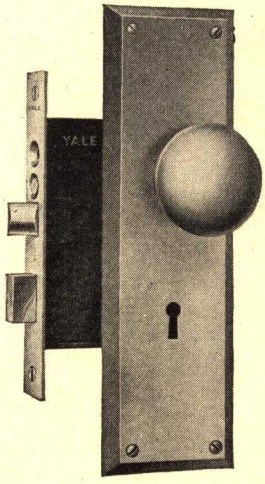
Lock Sets



Cylinder Front Door Set



Inside Door Set



Bit Key Front Door Set

Wrought Bronze or Brass Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
DU8020	Inside door	802	42	DO35	DU85 x DU85 escuts.
DU8025	" "	802	42	DO35	DU233 roses x DU812 k. plates.
DU8041	" "	804	42	DO34	DU85 x DU85 escuts.
DU8210	" "	821	44	DO35	DU85 x DU85 "
DU8200	" "	820	44	DO35	DU85 x DU85 "
DU18210	" "	1821	43	DO35	DU85 x DU85 "
DU18200	" "	1820	43	DO35	DU85 x DU85 "
DU18310	" "	1831	43	DO35	DU85 x DU85 "
DU18300	" "	1830	43	DO35	DU85 x DU85 "
DU15000	" "	1500	47	DO35	DU85 x DU85 "
DU8020-CS	Closet "	802	42	½ pr. DO35	DU85 escut. x 2189 clo. spindle
DU8025-CS	" "	802	42	½ " DO35	DU233 x DU812 x 2189 " "
DU8041-CS	" "	804	42	½ " DO34	DU85 escut. x 2189 " "
DU8210-CS	" "	821	44	½ " DO35	DU85 " x 2189 " "
DU18210-CS	" "	1821	43	½ " DO35	DU85 " x 2189 " "
DU18200-CS	" "	1820	43	½ " DO35	DU85 " x 2189 " "
DU18310-CS	" "	1831	43	½ " DO35	DU85 " x 2189 " "
DU18300-CS	" "	1830	43	½ " DO35	DU85 " x 2189 " "
DU8174	French "	817	42	905 x DO33	DU81 x DU81 escuts
DU15230	Communicating	1523	54	DO35	DU85½ x DU85½ "
DU15240	"	1524	55	DO35	DU85½ x DU85½ "
DU18240	"	1824	54	DO35	DU85½ x DU85½ "
DU17050	Sliding door	1705	61	.....	DU854 x DU854 "
DU17150	" "	1715	61	.....	DU854 x DU854 "
DU7601	Bit key front door	760	12	DO35	DU89 x DU85 "
DU7611	" " " "	761	12	DO35	DU89 x DU85 "
DU7710	" " vestibule	771	12	DO35	DU85 x DU85 "
DU77500	Cylinder front door	7750	9	DO35	DU89 x DU87½ "
DU77900	" vestibule	7790	9	DO35	DU89 x DU87 "
DU77901	" office	7790	9	DO35	DU87 x DU87 "
DU76561	" "	7656	29	DO35	DU87 x DU87 "
DU76601	" "	7660	21	DO35	DU87 x DU87½ "
DU77381	" "	7738	25	DO35	DU87 x DU87 "

Wrought Steel Lock Sets

BU8080	Inside door	808	42	BO35	BU85 x BU85 escuts.
BU8080-CS	Closet "	808	42	½ pr. BO35	BU85 escut. x 2189 clo. spindle
BU8184	French "	818	42	2905 x BO33	BU81 x BU81 escuts.
BU7590	Bit key front door	759	12	BO35	BU89 x BU85 "
BU7690	" " vestibule	769	12	BO35	BU85 x BU85 "

Specify set number, name of design, thickness of door and finish.
Bath Room Door Sets are listed on page 295.
Entrance Door Handle Lock Sets are shown on page 133.

VERNIAN DESIGN

Wrought Brass and Wrought Steel

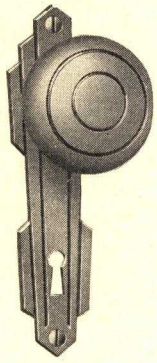
Symbols: Brass—CV; Steel—AV.

Standard Finishes:

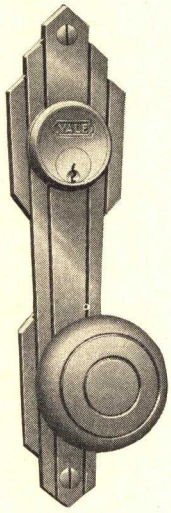
Brass—AY21; BY21; BY23; AX28; NY21.
Steel—AY21; BY21; AX28; NV21.

For finishes, see page XXV.
For lock sets, see following page.

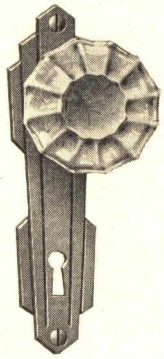
CUTS ONE-THIRD SIZE



Nos. CV83 and CV34



Nos. CV86 and CV34



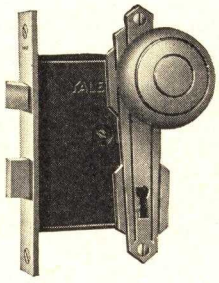
Nos. CV83 and DGO542

No.—Brass	No.—Steel	Size	Article
CV34	**AV34**	2 in. dia.	Door knob (metal)
DGO341	....	2 " "	" " (glass)
DGO542	....	2 " "	" " (")
CV83	**AV83**	5½ x 1½ in.	Escutcheon for 3½ and 3¾ in. locks only.
CV86	....	7⅞ x 2 "	" " cylinder locks with 3½ in. spacing only, and bit key locks with 2¾ in. spacing only.

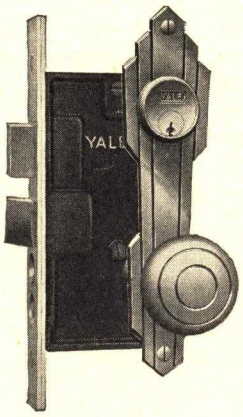
For escutcheon plates, with turn knobs, add ½ to list number.

VERNIAN DESIGN

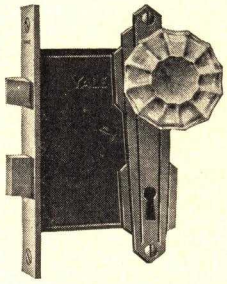
Lock Sets



Inside Door Set with Metal Knob



Cylinder Front Door Set



Inside Door Set with Glass Knob

Wrought Brass Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
CV8020	Inside door	802	42	CV34	CV83 x CV83 escuts.
CV8210	" "	821	44	CV34	CV83 x CV83 "
CV8200	" "	820	44	CV34	CV83 x CV83 "
CV18210	" "	1821	43	CV34	CV83 x CV83 "
CV18200	" "	1820	43	CV34	CV83 x CV83 "
CV18310	" "	1831	43	CV34	CV83 x CV83 "
CV18300	" "	1830	43	CV34	CV83 x CV83 "
GCV8080N	" "	808	42	DGO542	CV83 x CV83 "
GCV8020N	" "	802	42	DGO542	CV83 x CV83 "
GCV8210N	" "	821	44	DGO542	CV83 x CV83 "
GCV8200N	" "	820	44	DGO542	CV83 x CV83 "
GCV18210N	" "	1821	43	DGO542	CV83 x CV83 "
GCV18200N	" "	1820	43	DGO542	CV83 x CV83 "
GCV18310N	" "	1831	43	DGO542	CV83 x CV83 "
GCV18300N	" "	1830	43	DGO542	CV83 x CV83 "
CV10220-CS	Closet "	1022	73	½ pr. CV34	CV83 escut. x 2189 clo. spindle
CV8020-CS	" "	802	42	½ " CV34	CV83 " x 2189 " "
CV8210-CS	" "	821	44	½ " CV34	CV83 " x 2189 " "
CV18210-CS	" "	1821	43	½ " CV34	CV83 " x 2189 " "
CV18310-CS	" "	1831	43	½ " CV34	CV83 " x 2189 " "
GCV10220N-CS	" "	1022	73	½ " DGO542	CV83 " x F2189 " "
GCV8080N-CS	" "	808	42	½ " DGO542	CV83 " x F2189 " "
GCV8020N-CS	" "	802	42	½ " DGO542	CV83 " x F2189 " "
GCV8210N-CS	" "	821	44	½ " DGO542	CV83 " x F2189 " "
GCV18210N-CS	" "	1821	43	½ " DGO542	CV83 " x F2189 " "
GCV18310N-CS	" "	1831	43	½ " DGO542	CV83 " x F2189 " "
CV8174	French "	817	42	905 x CV34	CV83 x CV83 escuts.
GCV8174N	" "	817	42	905 x DGO542	CV83 x CV83 "
CV15120*	Bath room	1512	51	CV34	CV83 x CV83½ "
GCV15120N*	" "	1512	51	DGO542	CV83 x CV83½ "
CV18190*	" "	1819	52	CV34	CV83 x CV83½ "
GCV18190N*	" "	1819	52	DGO542	CV83 x CV83½ "
CV7600	Bit key front door	760	12	CV34	CV86 x CV86 "
CV7610	" " " "	761	12	CV34	CV86 x CV86 "
CV77500	Cylinder " "	7750	9	CV34	CV86 x CV86½ "
CV77900	" vestibule	7790	9	CV34	CV86 x CV86 "

Wrought Steel Lock Sets

AV8080	Inside door	808	42	AV34	AV83 x AV83 escuts.
GAV8080N	" "	808	42	DGO542	AV83 x AV83 "
AV8080-CS	Closet "	808	42	½ pr. AV34	AV83 escut. x 2189 clo. spindle
GAV8080N-CS	" "	808	42	½ " DGO542	AV83 " x F2189 " "
AV15130*	Bath room	1513	51	AV34	AV83 x AV83½ escuts.
GAV15130*	" "	1513	51	DGO542	AV83 x AV83½ "

*Inside trim, NZ10 finish.

Specify set number, name of design, thickness of door and finish.

The DGO341 or DGO752 glass knobs can be furnished in sets in place of the DGO542 knobs at the same price. When ordering sets with the DGO341 knobs, affix the letter "S" to set number, instead of "N," thus GCV8020S, etc. For sets with the DGO752 knobs, affix the letter "R."

YARDIAN DESIGN

Wrought Bronze or Brass

Symbol DY

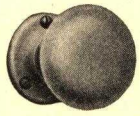
Standard Finishes:
AZ10; BZ10; AY22; AX28; BY22; BY23; BY24; NY10; NZ10; FX80 on steel.

For finishes, see page XXV.
For lock sets, see following page.

CUTS ONE-THIRD SIZE



Nos. DY1305 and 15X



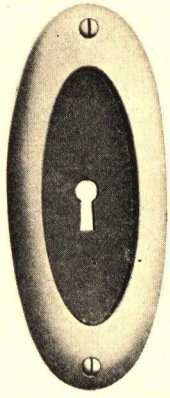
Nos. DO33 and D321



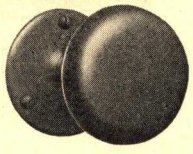
No. D812



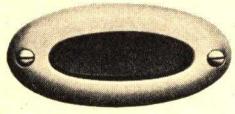
No. D1812



No. DY854



Nos. DO35 and D222



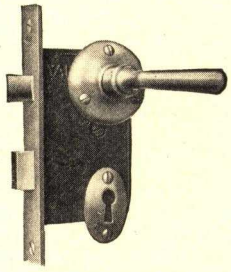
No. DY1349

No.	Size	Article
DO33	1¾ in. dia.	Door knob
DO34	2 " "	" "
DO35	2¼ " "	" "
D35	2¼ " "	" " reinforced
D222	2 " "	Knob rose
D321	1¾ " "	" "
D812	1¾ x 1 3/16 in.	Key plate for door locks
DY854	6 x 2⅝ "	Cup for sliding door locks
DY1305*	1¾ x 1 3/16 "	Plate cut for turn knob
DY1349	1⅝ x 3½ "	Sash lift, flush
D1812	1⅝ x 1 "	Key plate for door locks
DY2305*	2 x 1 "	Plate cut for turn knob
D2812	2 x 1 "	Key plate for door locks

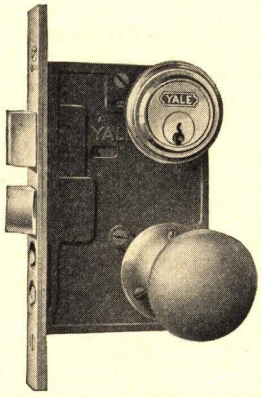
*Does not include turn knob.

YARDIAN DESIGN

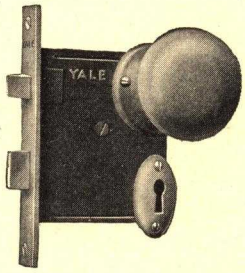
Lock Sets



French Door Set



Cylinder Front Door Set



Inside Door Set

Wrought Bronze or Brass Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
DY8025	Inside door	802	42	DO35	D222 roses x D812 key plates
DY8026	" "	802	42	DO34	D222 " x D812 " "
DY8027	" "	802	42	DO33	D321 " x D812 " "
GDY8025	" "	802	42	D35	G222 " x D812 " "
DY8215	" "	821	44	DO35	D222 " x D812 " "
GDY8215	" "	821	44	D35	G222 " x D812 " "
DY18215	" "	1821	43	DO35	D222 " x D812 " "
GDY18215	" "	1821	43	D35	G222 " x D812 " "
DY18315	" "	1831	43	DO35	D222 " x D812 " "
GDY18315	" "	1831	43	D35	G222 " x D812 " "
DY8025-CS	Closet "	802	42	½ pr. DO35	D222 x D812 x 2189 clo. spindle
DY8026-CS	" "	802	42	½ " DO34	D222 x D812 x 2189 " "
DY8027-CS	" "	802	42	½ " DO33	D321 x D812 x 2189 " "
GDY8025-CS	" "	802	42	½ " D35	G222 x D812 x 2189 " "
DY8215-CS	" "	821	44	½ " DO35	D222 x D812 x 2189 " "
GDY8215-CS	" "	821	44	½ " D35	G222 x D812 x 2189 " "
DY18215-CS	" "	1821	43	½ " DO35	D222 x D812 x 2189 " "
GDY18215-CS	" "	1821	43	½ " D35	G222 x D812 x 2189 " "
DY18315-CS	" "	1831	43	½ " DO35	D222 x D812 x 2189 " "
GDY18315-CS	" "	1831	43	½ " D35	G222 x D812 x 2189 " "
DY8179	French "	817	42	905 x DO33	D321 roses x D1812 key plates
DY15235	Communicating	1523	54	DO35	D222 " x DY1305½ "
DY15245	"	1524	55	DO35	D222 " x DY1305½ "
DY18245	"	1824	54	DO35	D222 " x DY1305½ "
DY17050	Sliding door	1705	61	.....	DY854 x DY854 escuts.
DY17150	" "	1715	61	.....	DY854 x DY854 "
DY7605	Bit key front door	760	12	DO35	D222 roses x D812 key plates
DY7615	" " " "	761	12	DO35	D222 " x D812 " "
DY7715	" " vestibule	771	12	DO35	D222 " x D812 " "
DY77505	Cylinder front door	7750	9	DO35	D222 " x DY1305½
GDY77505	" " "	7750	9	D35	G222 " x DY1305½
DY77905	" office	7790	9	DO35	D222 "
GDY77905	" "	7790	9	D35	G222 "
DY76565	" "	7656	29	DO35	D222 "
DY77385	" "	7738	25	DO35	D222 "

Wrought Steel Lock Sets

BY8085	Inside door	808	42	BO35	B222 roses x B812 key plates
BY8086	" "	808	42	BO34	B222 " x B812 " "
BY8087	" "	808	42	BO33	B321 " x B812 " "
BY8085-CS	Closet "	808	42	½ pr. BO35	B222 x B812 x 2189 clo. spindle
BY8086-CS	" "	808	42	½ " BO34	B222 x B812 x 2189 " "
BY8087-CS	" "	808	42	½ " BO33	B321 x B812 x 2189 " "
BY8189	French door	818	42	2905 x BO33	B321 roses x B812 key plates

Specify set number, name of design, thickness of door and finish.
Bath Room Door Sets are listed on page 295.

ZENOBIAN DESIGN

Wrought Bronze or Brass and Wrought Steel

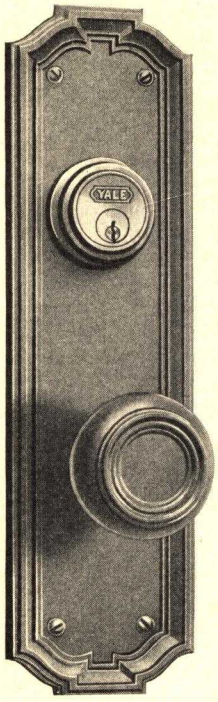
Symbols: Bronze or Brass—CZ; Steel—AZ

CUTS ONE-THIRD SIZE

Standard Finishes:

Bronze—BZ10; BY21; BY22; BY24; CZ27; NY10.
Brass—AZ10; AY21; AY22; AX28.
Steel—AY21; AY22; AX28; CZ27; NV10.

For finishes, see page XXV.
For lock sets, see following page.



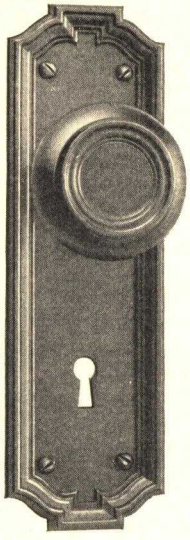
Nos. CZ89 and CZ35



No. CZ1133



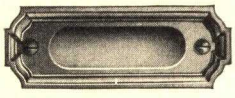
No. CZ1413



Nos. CZ87 and CZ35



No. CZ812



No. CZ1348



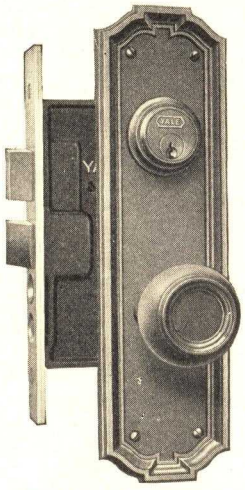
Nos. CZ1305 and 55

No.—Brass	No.—Steel	Size	Article
CZ35	**AZ35**	2¼ in. dia.	Door knob
CZ81	**AZ81**	5¼ x 1¼ in.	Escutcheon for French door locks
CZ87	**AZ87**	8 x 2½ "	" " inside " "
CZ89	**AZ89**	11 x 3 "	" " front " "
CZ223	**AZ223**	2¼ in. dia.	Knob rose
CZ531	....	11 x 3 in.	Door pull (grip No. 132)
CZ812	**AZ812**	2 x 1⅛ "	Key plate for door locks
CZ854	**AZ854**	8 x 2½ "	Cup for sliding door locks
CZ1133	....	2¼ in. dia.	Cylinder plate
CZ1305*	**AZ1305**	2 x 1⅛ in.	Plate cut for turn knob
CZ1348	**AZ1348**	1½ x 4¼ "	Sash lift, flush
CZ1413	....	4¼ x 1½ "	Push button
CZ1730	**AZ1730**	11 x 3 "	Push plate
CZ4534	....	13½ x 2½ "	Handle (page 123)

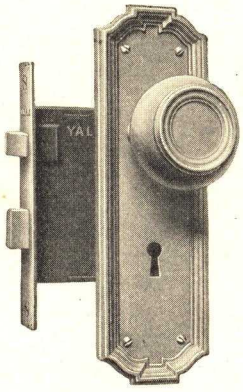
*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

ZENOBIAN DESIGN

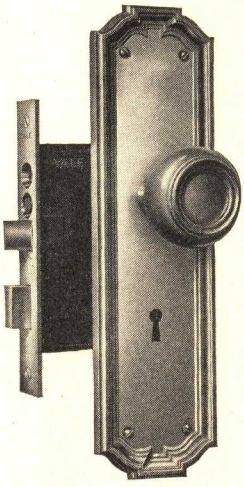
Lock Sets



Cylinder Front Door Set



Inside Door Set



Bit Key Front Door Set

Wrought Bronze or Brass Lock Sets

Set No.		Lock No.	Page	Knobs	Trim
CZ8020	Inside door	802	42	CZ35	CZ87 x CZ87 escuts.
CZ8025	" "	802	42	CZ35	CZ223 roses x CZ812 k. plates
CZ8210	" "	821	44	CZ35	CZ87 x CZ87 escuts.
CZ8200	" "	820	44	CZ35	CZ87 x CZ87 "
CZ18210	" "	1821	43	CZ35	CZ87 x CZ87 "
CZ18200	" "	1820	43	CZ35	CZ87 x CZ87 "
CZ18310	" "	1831	43	CZ35	CZ87 x CZ87 "
CZ18300	" "	1830	43	CZ35	CZ87 x CZ87 "
CZ8020-CS	Closet "	802	42	½ pr. CZ35	CZ87 escut. x 2189 clo. spindle
CZ8025-CS	" "	802	42	½ " CZ35	CZ223 x CZ812 x 2189 clo. spindle
CZ8210-CS	" "	821	44	½ " CZ35	CZ87 escut. x 2189 " "
CZ8200-CS	" "	820	44	½ " CZ35	CZ87 " x 2189 " "
CZ18210-CS	" "	1821	43	½ " CZ35	CZ87 " x 2189 " "
CZ18200-CS	" "	1820	43	½ " CZ35	CZ87 " x 2189 " "
CZ18310-CS	" "	1831	43	½ " CZ35	CZ87 " x 2189 " "
CZ18300-CS	" "	1830	43	½ " CZ35	CZ87 " x 2189 " "
CZ8174	French "	817	42	905 x DO33	CZ81 x CZ81 escuts.
CZ15120*	Bath room	1512	51	CZ35 x DO35	CZ87 x DT83½ "
CZ15190*	" "	1519	52	CZ35 x DO35	CZ87 x DT83½ "
CZ18190*	" "	1819	52	CZ35 x DO35	CZ87 x DT83½ "
CZ15230	Communicating	1523	54	CZ35	CZ87½ x CZ87½ "
CZ15240	"	1524	55	CZ35	CZ87½ x CZ87½ "
CZ18240	"	1824	54	CZ35	CZ87½ x CZ87½ "
CZ17050	Sliding door	1705	61	.....	CZ854 x CZ854 "
CZ17150	" "	1715	61	.....	CZ854 x CZ854 "
CZ7600	Bit key front door	760	12	CZ35	CZ89 x CZ87 "
CZ7610	" " " "	761	12	CZ35	CZ89 x CZ87 "
CZ7710	" " vestibule	771	12	CZ35	CZ87 x CZ87 "
CZ77500	Cylinder front door	7750	9	CZ35	CZ89 x CZ87½ "
CZ77900	" vestibule	7790	9	CZ35	CZ89 x CZ87 "
CZ77901	" office	7790	9	CZ35	CZ87 x CZ87 "

Wrought Steel Lock Sets

AZ05	Inside door	0	72	AZ35	AZ223 x AZ223 roses
AZ8080	" "	808	42	AZ35	AZ87 x AZ87 escuts.
AZ8085	" "	808	42	AZ35	AZ223 roses x AZ812 k. plates
AZ05-CS	Closet "	0	72	½ pr. AZ35	AZ223 rose x 2189 clo. spindle
AZ8080-CS	" "	808	42	½ " AZ35	AZ87 escut. x 2189 " "
AZ8085-CS	" "	808	42	½ " AZ35	AZ223 x AZ812 x 2189 clo. "
AZ8184	French "	818	42	2905 x BO33	AZ81 x AZ81 escuts.
AZ15130*	Bath room	1513	51	AZ35 x BO35	AZ87 x BU85½ "
AZ17040	Sliding door	1704	61	.....	AZ854 x AZ854 "
AZ17140	" "	1714	61	.....	AZ854 x AZ854 "
AZ7590	Bit key front door	759	12	AZ35	AZ89 x AZ87 "
AZ7690	" " vestibule	769	12	AZ35	AZ87 x AZ87 "

*Inside trim NZ10 finish.

Specify set number, name of design, thickness of door and finish.

Entrance Door Handle Lock Sets are shown on page 123.

INSIDE AND SCHOOLHOUSE LOCK SETS

Inside Door Lock Sets
With Cast and Wrought Knobs and Roses

Set No.	Lock No.	Lock Page	Knob No.	Knob Page	Trim
H8215	821	44	H134	149	XH330 roses, D812 key plates
XD8215	821	44	XD133	151	XH319 " XC823 " "
XH8215	821	44	XH131	149	XH320 " D2812 " "
XH8216	821	44	XH132	149	XH318 " D2812 " "
XJ8215	821	44	XJ124	151	XB320 " HP812 " "
XK8215	821	44	XK134	151	XB320 " XC823 " "
XKA8215	821	44	XKA24	153	G222 " G812 " "
XDF8216	821	44	XDF134	152	D222 " D812 " "
XDF8217	821	44	XDF133	152	D321 " D812 " "
XDF15126*	1512	51	XDF134	152	D222 " D812 x DY1305½
XDF15127*	1512	51	XDF133	152	D321 " D812 x DY1305½
XDF77906	7790	9	XDF134	152	D222 "
XDF77907	7790	9	XDF133	152	D321 "

*Inside trim, NZ10 finish.
Other locks may be substituted in above sets at the difference in price.
Other key plates may be substituted in above sets at the difference in price.
Specify set number and finish. If locks, knobs or key plates are wanted different from those listed in above sets, give complete detail of set.

SCHOOLHOUSE LOCK SETS

For Class Room Doors

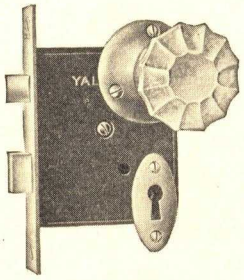
Nos. 772 and 872 Locks are on page 33

Set No.		Lock No.	Knobs	Trim
DY7725	Yardian Design	772	DO35	D222 x D812 key plates
DY8725	" "	872	DO35	D222 x D812 " "
GDY7726	" "	772	G35	G222 x G812 " "
GDY8726	" "	872	G35	G222 x G812 " "
DT7721	Torian "	772	DO35	DT86 x DT86 escuts.
DT8721	" "	872	DO35	DT86 x DT86 "
DT7722	" "	772	G35	DT86 x DT86 "
DT8722	" "	872	G35	DT86 x DT86 "
DU7721	Utopian "	772	DO35	DU87 x DU87 "
DU8721	" "	872	DO35	DU87 x DU87 "
DU7722	" "	772	G35	DU87 x DU87 "
DU8722	" "	872	G35	DU87 x DU87 "
GN7720	Newton "	772	D35	GN86 x GN86 "
GN8720	" "	872	D35	GN86 x GN86 "
GN7721	" "	772	G35	GN86 x GN86 "
GN8721	" "	872	G35	GN86 x GN86 "
GR7720	Revere "	772	D35	GR86 x GR86 "
GR8720	" "	872	D35	GR86 x GR86 "
GR7721	" "	772	G35	GR86 x GR86 "
GR8721	" "	872	G35	GR86 x GR86 "
GS7720	Stonington "	772	D35	GS86 x GS86 "
GS8720	" "	872	D35	GS86 x GS86 "
GS7721	" "	772	G35	GS86 x GS86 "
GS8721	" "	872	G35	GS86 x GS86 "
GT7720	Trenton "	772	D35	GT86 x GT86 "
GT8720	" "	872	D35	GT86 x GT86 "
GT7721	" "	772	G35	GT86 x GT86 "
GT8721	" "	872	G35	GT86 x GT86 "

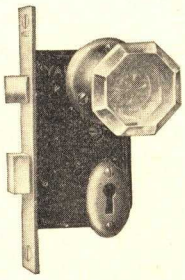
Specify set number, name of design and finish.
For finishes, see page XXV.

LOCK SETS WITH GLASS KNOBS

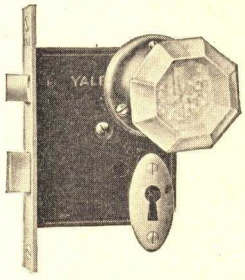
Sectional Trim



No. DG8025N Set



No. GG8179 Set



No. DG8025 Set

Lock Sets with Glass Knobs

Hand Polished Knobs with Cast Shanks, Roses and Key Plates

Set No.		Lock No.	Page	Knobs	Trim
GG8025N	Inside door	802	42	GGO542	G222 roses x G812 key plates
GG8215N	" "	821	44	GGO542	G222 " x G812 " "
GG18215N	" "	1821	43	GGO542	G222 " x G812 " "
GG18315N	" "	1831	43	GGO542	G222 " x G812 " "
GG8025N-CS	Closet "	802	42	½ pr. GGO542	G222 x G812 x F2189 clo. spindle
GG8215N-CS	" "	821	44	½ " GGO542	G222 x G812 x F2189 " "
GG18215N-CS	" "	1821	43	½ " GGO542	G222 x G812 x F2189 " "
GG18315N-CS	" "	1831	43	½ " GGO542	G222 x G812 x F2189 " "
GG15125½N†	Bath room	1512	51	½ " GGO542	G222 x G1305½
GG15125N*	" "	1512	51	1 " GGO542	G222 x G812 x G1305½
GG15195½N†	" "	1519	52	½ " GGO542	G222 x G1305½
GG15195N*	" "	1519	52	1 " GGO542	G222 x G812 x G1305½
GG18195½N†	" "	1819	52	½ " GGO542	G222 x G1305½
GG18195N*	" "	1819	52	1 " GGO542	G222 x G812 x G1305½
GG15235N	Communicating	1523	54	GGO542	G222 x G1305½ x G1305½
GG15245N	"	1524	55	GGO542	G222 x G1305½ x G1305½
GG18245N	"	1824	54	GGO542	G222 x G1305½ x G1305½
GG8179N	French door	817	42	905 x GGO522	G321 roses x G812 key plates

*Inside trim, NZ10 finish.
†½ trim, NZ10 finish.

Fire Polished Knobs with Wrought Shanks, Roses and Key Plates

These sets can also be furnished with Hand Polished tops and cast shanks, with wrought roses and key plates. Hand Polished tops cannot be furnished with wrought shanks.

Set No.		Lock No.	Page	Knobs	Trim
DG8085N	Inside door	808	42	DGO542	D222 roses x D2812 key plates
DG8025N	" "	802	42	DGO542	D222 " x D2812 " "
DG8215N	" "	821	44	DGO542	D222 " x D2812 " "
DG18215N	" "	1821	43	DGO542	D222 " x D2812 " "
DG18315N	" "	1831	43	DGO542	D222 " x D2812 " "
DG8085N-CS	Closet "	808	42	½ pr. DGO542	D222 x D2812 x F2189 clo. spindle
DG8025N-CS	" "	802	42	½ " DGO542	D222 x D2812 x F2189 " "
DG8215N-CS	" "	821	44	½ " DGO542	D222 x D2812 x F2189 " "
DG18215N-CS	" "	1821	43	½ " DGO542	D222 x D2812 x F2189 " "
DG18315N-CS	" "	1831	43	½ " DGO542	D222 x D2812 x F2189 " "
DG15125½N†	Bath room	1512	51	½ " DGO542	D222 rose x DY2305½
DG15125N*	" "	1512	51	1 " DGO542	D222 x D2812 x DY2305½
DG15195½N†	" "	1519	52	½ " DGO542	D222 rose x DY2305½
DG15195N*	" "	1519	52	1 " DGO542	D222 x D2812 x DY2305½
DG18195½N†	" "	1819	52	½ " DGO542	D222 rose x DY2305½
DG18195N*	" "	1819	52	1 " DGO542	D222 x D2812 x DY2305½
DG15235N	Communicating	1523	54	DGO542	D222 x DY2305½ x DY2305½
DG15245N	"	1524	55	DGO542	D222 x DY2305½ x DY2305½
DG18245N	"	1824	54	DGO542	D222 x DY2305½ x DY2305½

*Inside trim, NZ10 finish.
†½ trim, NZ10 finish.
Nos. GGO341, GGO520, GGO522, GGO732 and GGO752 glass knobs can be furnished in sets in place of GGO542 glass knobs at the same price. Nos. DGO341, DGO540 and DGO752 glass knobs substituted for No. DGO542 at same price. When ordering sets with the GGO341 or DGO341 knobs affix the letter "S" to set number in place of "N," thus GG8025S, DG8025S, etc. For sets with GGO732, GGO752 or DGO752 affix the letter "R." When ordering sets with the No. GGO540 or DGO540 knobs, omit the letter "N," thus GG8025, DG8085, etc.

CAST DESIGNS

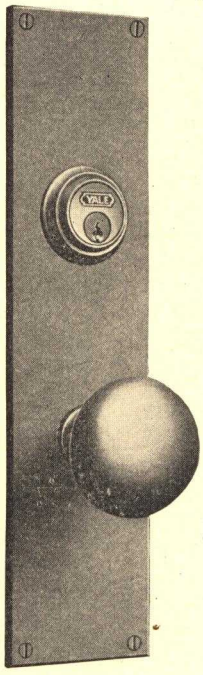
NEWTON DESIGN

Symbol GN
Square Corners and Beveled Edges

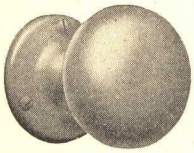
Cast Bronze, Brass and Iron

For finishes, see page XXV.
For lock sets, see following page.

CUTS ONE-THIRD SIZE



Nos. GN89 and D35



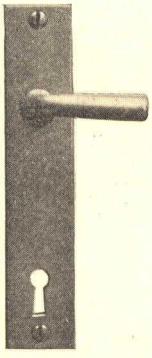
Nos. D35 and G222



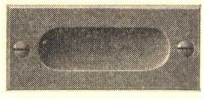
No. GN812



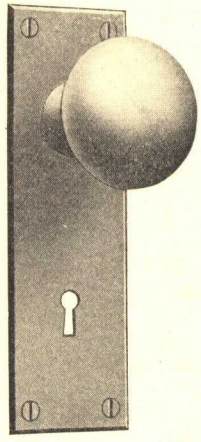
Nos. GN820 and 35



Nos. GN81 and 905



No. GN1347

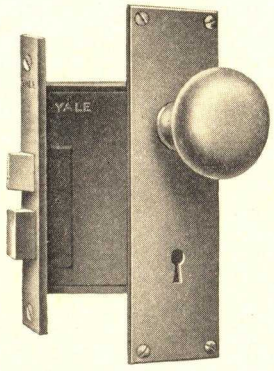


Nos. GN86 and D35

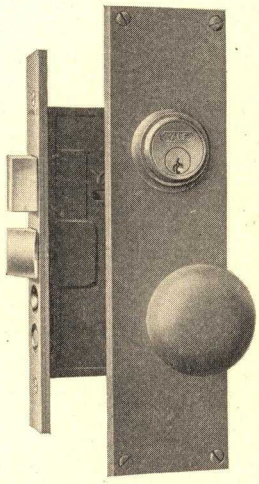
No.	Size	Article
D35	2¼ in. dia.	Door knob, wrought reinforced
G35	2¼ " "	" " cast
GN81	5⅛ x 1 in.	Escutcheon for French door locks
GN83	6 x 2 "	" " 3½ to 4½ in. "
GN84	6¾ x 2⅛ "	" " 3½ " 5 " "
GN86	7½ x 2¼ "	" " 3½ " 5½ " "
GN87	8 x 2½ "	" " 3½ " 6 " "
XGN87	8 x 3 "	" " 3½ " 6 " "
GN88	9 x 2½ "	" " 4½ " 6 " "
GN89	10 x 2¾ "	" " 5 " 6½ " "
GN92	12 x 3 "	" " 5 " 6½ " "
G222	2 in. dia.	Knob rose
GN812	1⅝ x 1 1/16 in.	Key plate for door locks, two screw holes
GN814	1⅝ x 1 1/16 "	" " " " " four " "
GN820*	2½ x 1¼ "	Plate cut for key and turn knob
GN850	6 x 2½ "	Cup for sliding door locks
GN1133	2 x 2 "	Cylinder plate
GN1205*	1⅞ x 1⅛ "	Plate cut for turn knob
GN1347	1¼ x 3 "	Sash lift, flush

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Entrance Door Handles, shown on page 120.
Door Pulls, Letter Hole Trim and Push Plates of above design are listed in the Plain Hardware section.

NEWTON DESIGN
Lock Sets



Inside Door Set


Cylinder Front Door Set

Cast Bronze or Brass Lock Sets

Regularly furnished with No. D35 reinforced wrought knobs. If No. G35 cast knobs are wanted, order should specify set number by No. G35 knobs.

Set No.		Lock No.	Page	Knobs	Trim
GN8210	Inside door	821	44	D35	GN83 x GN83 escuts.
GN8211	" "	821	44	D35	GN86 x GN86 "
GN8212	" "	821	44	D35	GN87 x GN87 "
GN8215	" "	821	44	D35	G222 roses and GN812 key plates
GN8200	" "	820	44	D35	GN83 x GN83 escuts.
GN8201	" "	820	44	D35	GN86 x GN86 "
GN18210	" "	1821	43	D35	GN83 x GN83 "
GN18211	" "	1821	43	D35	GN86 x GN86 "
GN18200	" "	1820	43	D35	GN83 x GN83 "
GN18201	" "	1820	43	D35	GN86 x GN86 "
GN18311	" "	1831	43	D35	GN86 x GN86 "
GN18301	" "	1830	43	D35	GN86 x GN86 "
GN15001	" "	1500	47	D35	GN86 x GN86 "
GN15002	" "	1500	47	D35	GN87 x GN87 "
GN15190	Bath room	1519	52	D35	GN83 x GN83½ "
GN15191	" "	1519	52	D35	GN86 x GN86½ "
GN18190	" "	1819	52	D35	GN83 x GN83½ "
GN18191	" "	1819	52	D35	GN86 x GN86½ "
GN15351	" "	1535	53	D35	GN86 x GN86½ "
GN15240	Communicating	1524	55	D35	GN83½ x GN83½ "
GN15241	"	1524	55	D35	GN86½ x GN86½ "
GN18240	"	1824	54	D35	GN83½ x GN83½ "
GN18241	"	1824	54	D35	GN86½ x GN86½ "
GN15251	"	1525	55	D35	GN86½ x GN86½ "
GN77500	Cylinder, front door	7750	9	D35	GN89 x GN86½ "
GN77900	" vestibule	7790	9	D35	GN89 x GN86 "
GN77901	" office	7790	9	D35	GN87 x GN87 "
GN76561	" "	7656	29	D35	GN87 x GN87 "
GN76601	" "	7660	21	D35	GN87 x GN87½ "
GN77381	" "	7738	25	D35	GN87 x GN87 "
GN662	Coupon booths	66	77	G34	GN86 x D34 x G222 rose

Specify set number, name of design, thickness of door and finish.
Entrance Door Handle Lock Sets are shown on page 120.
Coupon Booth Lock Sets are listed on page 77.
Schoolhouse Lock Sets are listed on page 306.

REVERE DESIGN

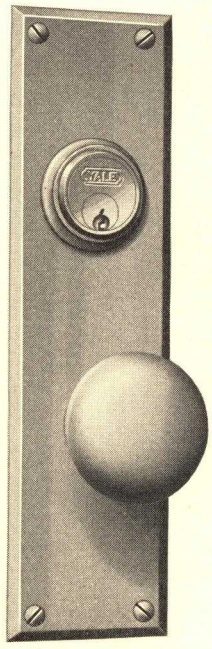
Symbol GR

Square Corners and Beveled Edges

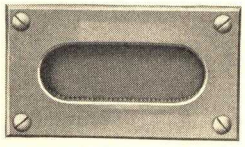
Cast Bronze, Brass and Iron

For finishes, see page XXV.
For lock sets, see following page.

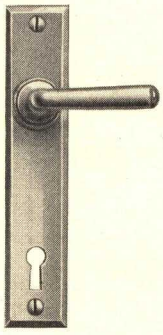
CUTS ONE-THIRD SIZE



Nos. GR89 and D35



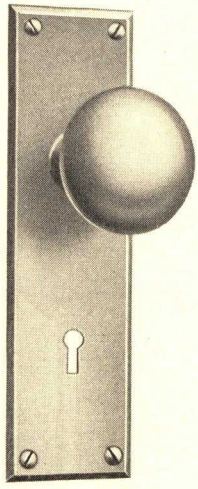
No. GR1349



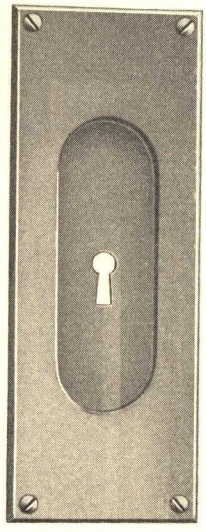
Nos. GR81 and 905



No. GR812



Nos. GR86 and D35



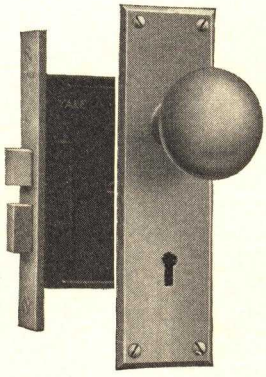
No. GR854

No.	Size	Article
D35	2¼ in. dia.	Door knob, wrought reinforced
G35	2¼ " "	" " cast
GR81	5⅛ x 1 1/16 in.	Escutcheon for French door locks
GR83	6 x 2 "	" " 3½ to 4½ in. locks
GR84	6½ x 2⅛ "	" " 3½ " 5 " "
GR85	7 x 2¼ "	" " 3½ " 5 " "
GR86	7½ x 2¼ "	" " 3½ " 5½ " "
GR87	8 x 2½ "	" " 3½ " 6 " "
GR88	9 x 2½ "	" " 4½ " 6 " "
GR89	10 x 2¾ "	" " 5 " 6½ " "
GR92	12 x 3 "	" " 5 " 6½ " "
G222	2 in. dia.	Knob rose
GR812	2 x 1¼ in.	Key plate for door locks two screw holes
GR814	1¾ x 1⅜ "	" " " " four " "
GR820*	2½ x 1¼ "	Plate cut for key and turn knob
GR850	6 x 2⅜ "	Cup for sliding door locks
GR854	8 x 3 "	" " " " "
GR2305	2¼ x 1¼ "	Plate cut for turn knob
GR1349	2 x 3½ "	Sash lift, flush

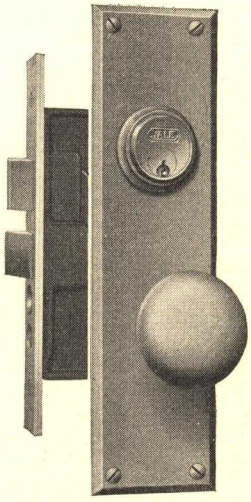
*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Entrance Door Handles, shown on page 135.
Door Pulls, Letter Hole Trim and Push Plates of above design are listed in the Plain Hardware section.

REVERE DESIGN

Lock Sets



Inside Door Set



Cylinder Front Door Set

Cast Bronze and Brass Lock Sets

Regularly furnished with No. D35 reinforced wrought knobs. If No. G35 cast knobs are wanted, order should specify set number by No. G35 knobs.

Set No.		Lock No.	Page	Knobs	Trim
GR8210	Inside door	821	44	D35	GR83 x GR83 escuts.
GR8211	" "	821	44	D35	GR86 x GR86 "
GR8212	" "	821	44	D35	GR87 x GR87 "
GR8215	" "	821	44	D35	G222 roses and GR812 key plates
GR8200	" "	820	44	D35	GR83 x GR83 escuts.
GR8201	" "	820	44	D35	GR86 x GR86 "
GR18210	" "	1821	43	D35	GR83 x GR83 "
GR18211	" "	1821	43	D35	GR86 x GR86 "
GR18200	" "	1820	43	D35	GR83 x GR83 "
GR18201	" "	1820	43	D35	GR86 x GR86 "
GR18311	" "	1831	43	D35	GR86 x GR86 "
GR18301	" "	1830	43	D35	GR86 x GR86 "
GR15001	" "	1500	47	D35	GR86 x GR86 "
GR15002	" "	1500	47	D35	GR87 x GR87 "
GR15190	Bath room	1519	52	D35	GR83 x GR83½ "
GR15191	" "	1519	52	D35	GR86 x GR86½ "
GR18190	" "	1819	52	D35	GR83 x GR83½ "
GR18191	" "	1819	52	D35	GR86 x GR86½ "
GR15351	" "	1535	53	D35	GR86 x GR86½ "
GR15240	Communicating	1524	55	D35	GR83½ x GR83½ "
GR15241	"	1524	55	D35	GR86½ x GR86½ "
GR18240	"	1824	54	D35	GR83½ x GR83½ "
GR18241	"	1824	54	D35	GR86½ x GR86½ "
GR15251	"	1525	55	D35	GR86½ x GR86½ "
GR77500	Cylinder, front door	7750	9	D35	GR89 x GR86½ "
GR77900	" vestibule	7790	9	D35	GR89 x GR86 "
GR77901	" office	7790	9	D35	GR87 x GR87 "
GR76561	" "	7656	29	D35	GR87 x GR87 "
GR76601	" "	7660	21	D35	GR87 x GR87½ "
GR77381	" "	7738	25	D35	GR87 x GR87 "
GR662	Coupon booths	66	77	G34	GR86 x D34 x G222 rose

Specify set number, name of design, thickness of door and finish.
Mono-Lock Sets are shown on page 105.
Entrance Door Handle Lock Sets are shown on page 135.
Coupon Booth Lock Sets are listed on page 77.
Schoolhouse Lock Sets are listed on page 306.

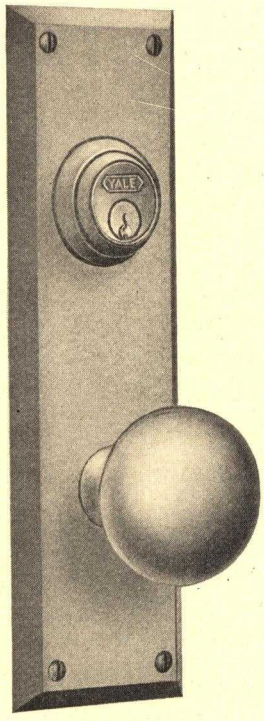
STONINGTON DESIGN

Symbol GS

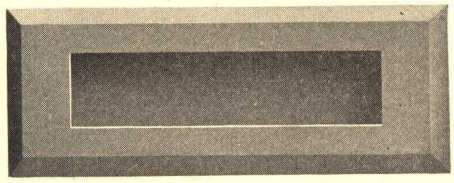
Cast Bronze, Brass and Iron

For finishes, see page XXV.
For lock sets, see following page.

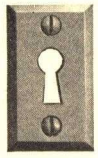
CUTS ONE-THIRD SIZE



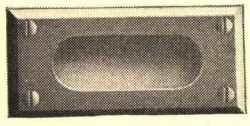
Nos. GS90 and D35



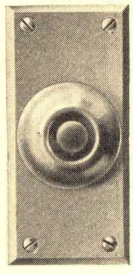
No. GS1531



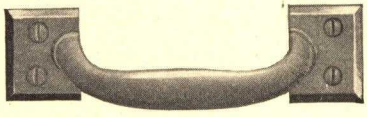
No. GS812



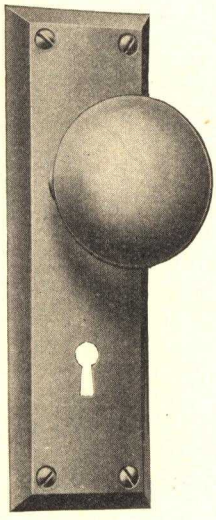
No. GS1349



No. GS1416



No. GS1365

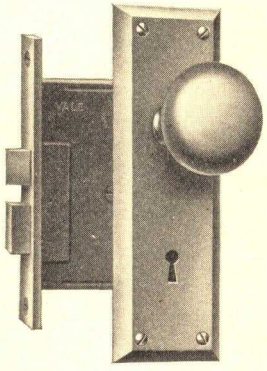


Nos. GS86 and D35

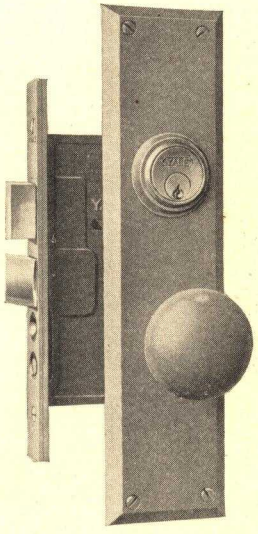
No.	Size	Article
D35	2¼ in. dia.	Door knob, wrought reinforced
G35	2¼ " "	" " cast
GS81	5¼ x 1⅛ in.	Escutcheon for French door locks
GS84	6½ x 2½ "	" " 3½ to 4¼ in. locks
GS86	7½ x 2½ "	" " 3½ " 4½ " "
GS87	8 x 2½ "	" " 4 " 5¾ " "
GS88	9½ x 2¾ "	" " 4¼ " 6 " "
GS90	11 x 2¾ "	" " 5½ " 7 " "
GS233	2¼ x 2¼ "	Knob rose
GS812	2¼ x 1¼ "	Key plate for door locks, two screw holes
GS814	2¼ x 1¼ "	" " " " " four " "
GS1134	3⅛ x 2¾ "	Cylinder plate
GS1349	1⅞ x 4 "	Sash lift, flush
GS1365	1½ x 5¾ "	" " bar
GS1416	4⅛ x 2 "	Push button
GS1531	2½ x 6⅜ "	Letter box plate, outside
GS1551	2½ x 7 "	" " hood, inside
GS1566	9½ x 2¾ "	" hole plate, chute and back plate, vertical
GS1569	9⅝ x 2⅞ "	" " " " " " "
GS1579	9⅝ x 2⅞ "	" " " " " hood
GS2305*	2⅛ x 1¼ "	Plate cut for turn knob
GS3854	7½ x 2½ "	Cup for sliding door locks

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Entrance Door Handles, shown on pages 122 and 134.
Door Pulls and Push Plates of above design are listed in the Plain Hardware section.

STONINGTON DESIGN
Lock Sets



Inside Door Set



Cylinder Front Door Set

Cast Bronze and Brass Lock Sets

Regularly furnished with D35 reinforced wrought knobs. If G35 cast knobs are wanted, order should specify set number by G35 knobs.

Set No.		Lock No.	Page	Knobs	Trim	
GS8210	Inside door	821	44	D35	GS86 x GS86	escuts.
GS8200	" "	820	44	D35	GS86 x GS86	"
GS18210	" "	1821	43	D35	GS86 x GS86	"
GS18200	" "	1820	43	D35	GS86 x GS86	"
GS18310	" "	1831	43	D35	GS86 x GS86	"
GS18300	" "	1830	43	D35	GS86 x GS86	"
GS15000	" "	1500	47	D35	GS86 x GS86	"
GS15190	Bath room	1519	52	D35	GS86 x GS86½	"
GS18190	" "	1819	52	D35	GS86 x GS86½	"
GS15350	" "	1535	53	D35	GS86 x GS86½	"
GS15240	Communicating	1524	55	D35	GS86½ x GS86½	"
GS18240	"	1824	54	D35	GS86½ x GS86½	"
GS15250	"	1525	55	D35	GS86½ x GS86½	"
GS7720	School house	772	33	D35	GS86 x GS86	"
GS8720	" "	872	33	D35	GS86 x GS86	"
GS77500	Cylinder front door	7750	9	D35	GS90 x GS87½	"
GS77900	" vestibule	7790	9	D35	GS90 x GS87	"
GS77901	" office	7790	9	D35	GS87 x GS87	"
GS76561	" "	7656	29	D35	GS87 x GS87	"
GS76601	" "	7660	21	D35	GS87 x GS87½	"
GS77381	" "	7738	25	D35	GS87 x GS87	"

Specify set number, name of design, thickness of door and finish.
Entrance Door Handle Lock Sets are shown on pages 122 and 134.
Coupon Booth Lock Sets are listed on page 77.

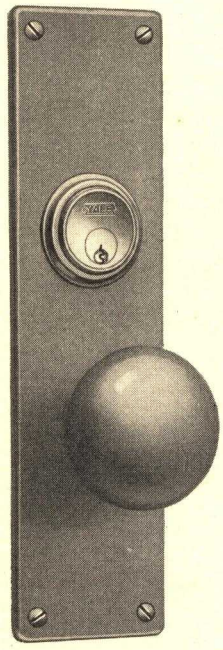
TRENTON DESIGN

Symbol GT
Round Corners and Round Edges

Cast Bronze, Brass and Iron

For finishes, see page XXV.
For lock sets, see following page.

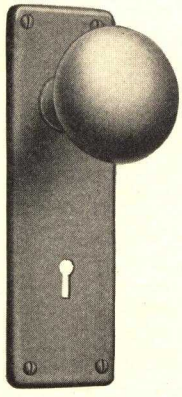
CUTS ONE-THIRD SIZE



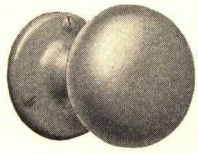
Nos. GT89 and D35



No. GT812



Nos. GT83 and D35



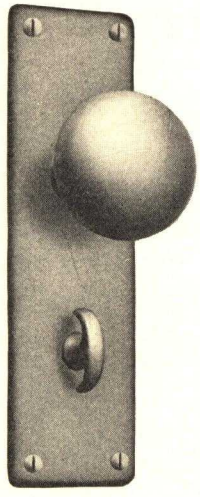
Nos. D35 and G222



Nos. GT820 and 35



No. GT1347



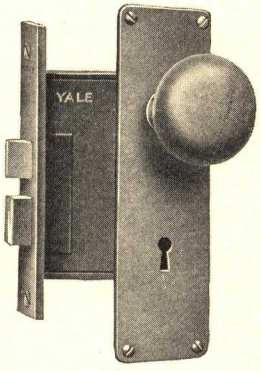
Nos. GT86½ and D35

No.	Size	Article
D35	2¼ in. dia.	Door knob, wrought reinforced
G35	2¼ " "	" " cast
GT81	5⅛ x 1 in.	Escutcheon for French door locks
GT83	6 x 2 "	" " 3½ to 4½ in. locks
GT84	6½ x 2⅛ "	" " 3½ " 4½ " "
GT86	7½ x 2¼ "	" " 3½ " 5½ " "
GT87	8 x 2½ "	" " 3½ " 6 " "
GT88	9 x 2½ "	" " 4½ " 6 " "
GT89	10 x 2¾ "	" " 5 " 6½ " "
GT92	12 x 3 "	" " 5 " 6½ " "
G222	2 in. dia.	Knob rose
GT812	1¾ x 1 1/16 in.	Key plate for door locks, two screw holes
GT814	1¾ x 1 1/16 "	" " " " " four " "
GT820*	2¾ x 1 "	Plate cut for key and turn knobs
GT1133	2⅛ in. dia.	Cylinder plate
GT1205*	1¾ x 1 1/16 in.	Plate cut for turn knob
GT1347	1¼ x 3 "	Sash lift, flush
GT2854	6 x 2½ "	Cup for sliding door locks
GT4854	8 x 3 "	" " " " "

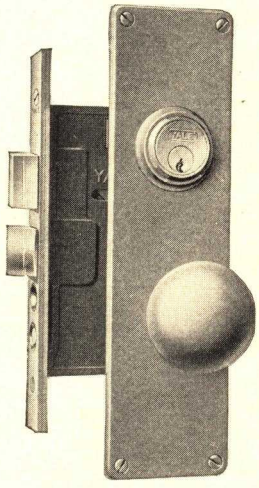
*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Entrance Door Handles, shown on page 135.
Door Pulls, Letter Hole Trim and Push Plates of above design are listed in the Plain Hardware section.

TRENTON DESIGN

Lock Sets



Inside Door Set



Cylinder Front Door Set

Cast Bronze and Brass Lock Sets

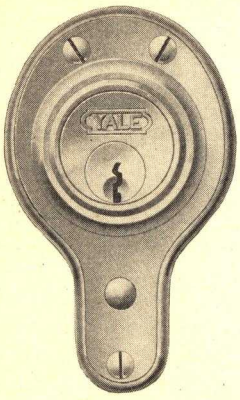
Regularly furnished with No. D35 reinforced wrought knobs. If No. G35 cast knobs are wanted, order should specify set number by No. G35 knobs.

Set No.		Lock No.	Page	Knobs	Trim
GT8210	Inside door	821	44	D35	GT83 x GT83 escuts.
GT8211	" "	821	44	D35	GT86 x GT86 "
GT8212	" "	821	44	D35	GT87 x GT87 "
GT8215	" "	821	44	D35	G222 roses and GT812 key plates
GT8200	" "	820	44	D35	GT83 x GT83 escuts.
GT8201	" "	820	44	D35	GT86 x GT86 "
GT18210	" "	1821	43	D35	GT83 x GT83 "
GT18211	" "	1821	43	D35	GT86 x GT86 "
GT18200	" "	1820	43	D35	GT83 x GT83 "
GT18201	" "	1820	43	D35	GT86 x GT86 "
GT18311	" "	1831	43	D35	GT86 x GT86 "
GT18301	" "	1830	43	D35	GT86 x GT86 "
GT15001	" "	1500	47	D35	GT86 x GT86 "
GT15002	" "	1500	47	D35	GT87 x GT87 "
GT15190	Bath room	1519	52	D35	GT83 x GT83½ "
GT15191	" "	1519	52	D35	GT86 x GT86½ "
GT18190	" "	1819	52	D35	GT83 x GT83½ "
GT18191	" "	1819	52	D35	GT86 x GT86½ "
GT15351	" "	1535	53	D35	GT86 x GT86½ "
GT15240	Communicating	1524	55	D35	GT83½ x GT83½ "
GT15241	"	1524	55	D35	GT86½ x GT86½ "
GT18240	"	1824	54	D35	GT83½ x GT83½ "
GT18241	"	1824	54	D35	GT86½ x GT86½ "
GT15251	"	1525	55	D35	GT86½ x GT86½ "
GT77500	Cylinder, front door	7750	9	D35	GT89 x GT86½ "
GT77900	" vestibule	7790	9	D35	GT89 x GT86 "
GT77901	" office	7790	9	D35	GT87 x GT87 "
GT76561	" "	7656	29	D35	GT87 x GT87 "
GT76601	" "	7660	21	D35	GT87 x GT87½ "
GT77381	" "	7738	25	D35	GT87 x GT87 "
GT662	Coupon booths	66	77	G34	GT86 x D34 x G222 rose

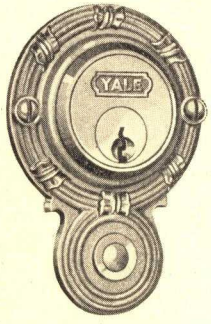
Specify set number, name of design, thickness of door and finish.
Mono-Lock Sets are shown on pages 95 to 104.
Entrance Door Handle Lock Sets are shown on page 135.
Coupon Booth Lock Sets are listed on page 77.
Schoolhouse Lock Sets are listed on page 306.

INDICATORS AND PLATES

Combined Plates for No. Y5 Indicator



4 x 2⅜ in.
No. XU1173 for No. 1675 lock.
No. XU1174 for Nos. 1672, 1673, 1674, 1327, 1642, 1643 locks.



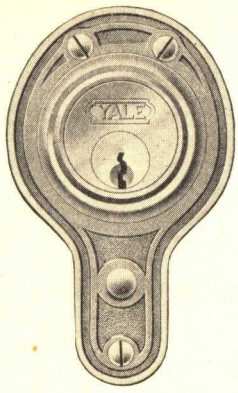
Dreux Design
No. SD1174, 3¼ x 2¼ in.
for Nos. 1672, 1673, 1674, 1327, 1642, 1643 locks.



2⅝ x 1⅛ in.
No. G1112 for Nos. 1657 and 1687 locks.



Gateshead Design
3⅛ x 2⅜ in.
No. MG1173 for No. 1675 lock
No. MG1174 for Nos. 1672, 1673, 1674, 1327, 1642, 1643 locks.



Yuma Design
4 x 2⅜ in.
No. NY1174 for Nos. 1672, 1673, 1674, 1327, 1642, 1643 locks.

Lock Indicators

An "indicator" is a device for showing, by sight or touch, from the corridor side of a door, whether the lock is locked or unlocked from the inside.

In the absence of an "indicator" servants can only determine whether a room is occupied or not by trying the lock, either by the knob or the key. In doing this they unavoidably make more or less noise, which is liable to disturb the guest if in the room. The "indicator" completely eliminates this cause of disturbance, and also saves the time of servants by enabling them to ascertain, at a glance or by a touch, whether or not the door is locked from the inside.

Indicators are only furnished with the locks as described in the catalog.

No. Y4 Type Indicator

When door is locked from the room side, the indicator button is rigid. When not locked from the inside the button can be moved as shown in illustration. Furnished on long cast escutcheon plates only.

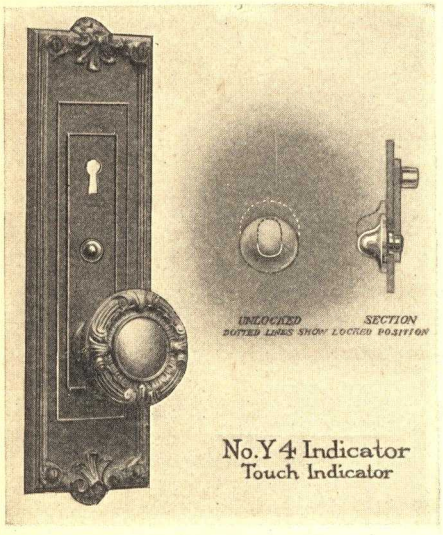
No. Y5 Type Indicator

When door is locked from the room side, the indicator button projects through the escutcheon plate, and cannot be depressed. When not locked from the inside the indicator sets flush with the escutcheon.

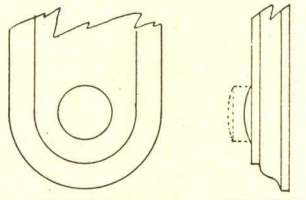
The Y5 Indicator answers the requirements of hotel managements; both as to touch and sight indicator, as to whether or not a room is occupied.

When ordering locks with the No. Y5 Indicator, the exact thickness of doors must be specified.

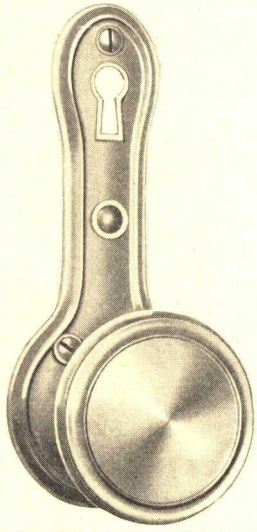
The No. Y5 Indicator is used on plates shown above; also on any cast escutcheon plate, or on any wrought escutcheon plate with a plain surface.



No. Y4 Indicator
Touch Indicator



No. Y5 Indicator
Touch and Sight Indicator



No. XS1176, 5⅝ x 2⅝16 in.
For Nos. 1657 and 1687 locks.

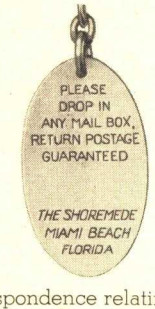
Hotel Key Tags











The above show a few examples of special key tags furnished for hotel work. We invite inquiries and correspondence relating to the production of this class of work.

SPECIAL DESIGNS

Below are shown a few examples of special knobs and escutcheons that we have furnished. Correspondence is invited regarding this class of work.

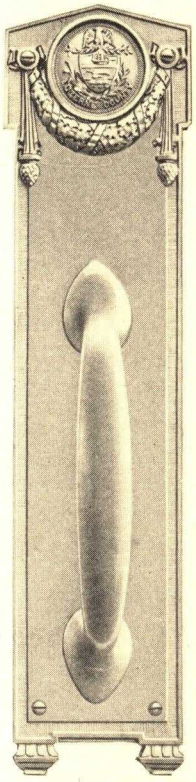


Fig. 1 Special
Plate 16½ x 4⅛ in.
Grip 6⅞ in.

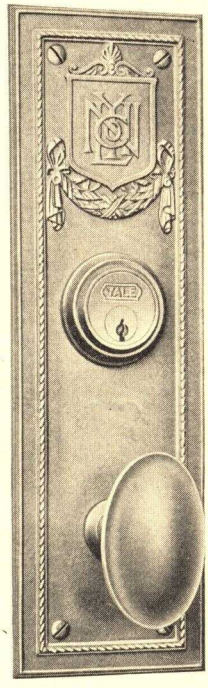


Fig. 2 Special
Plate 10½ x 3⅜ in.
Knob 2½ x 1⅝ in.



Fig. 3 Special
Plate 10⅞ x 3¼ in.
Knob 2½ in. dia.



Fig. 4 Special
Plate 9¾ x 3 in.
Knob 2¼ in. dia.



Fig. 5 Special
Plate 16⅛ x 3⅞ in.
Knob 2⁹⁄₁₆ x 1¾ in.

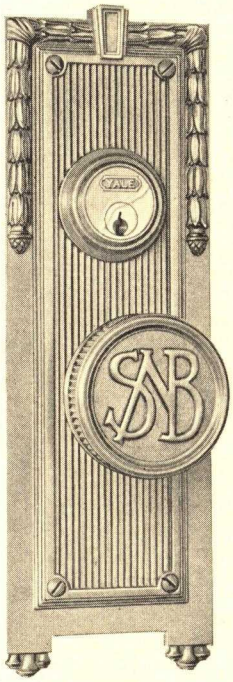


Fig. 6 Vigone
Plate 10¾ x 3½ in.
Knob 2½ in. dia.

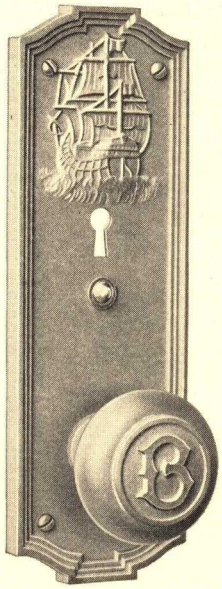


Fig. 7 Special
Plate 8⅞ x 3 in.
Knob 2¼ in. dia.

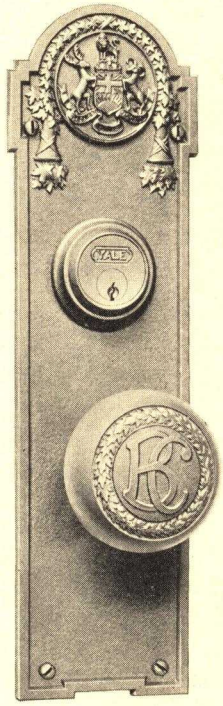


Fig. 8 Special
Plate 11 x 3¼ in.
Knob 2½ in. dia.

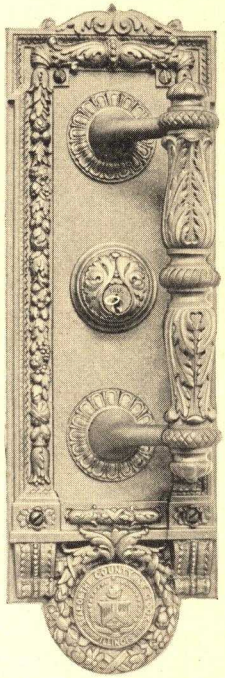
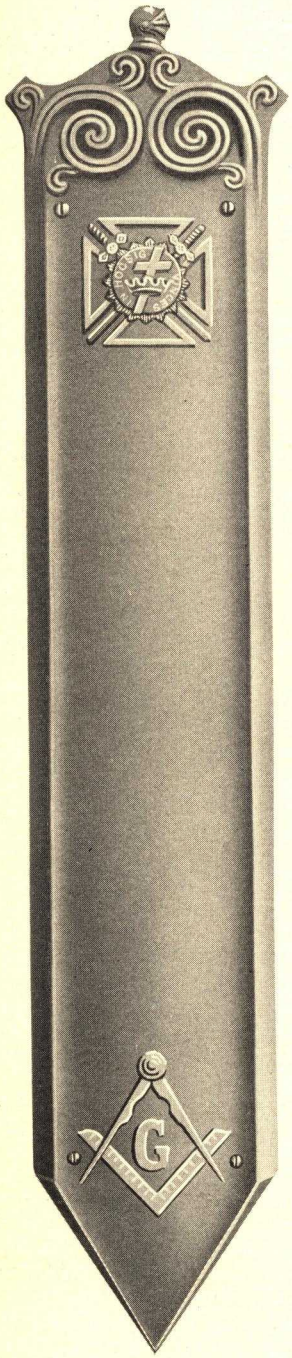


Fig. 9 Special
Plate 13 x 4⅜ in.
Grip 5½ in.

MASONIC HARDWARE



No. LVB1730
21 x 4½ ins.
Can also be furnished
with other emblems



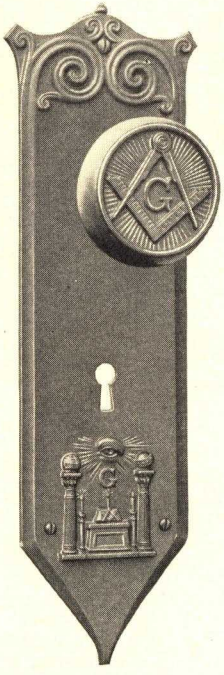
Fig. 1



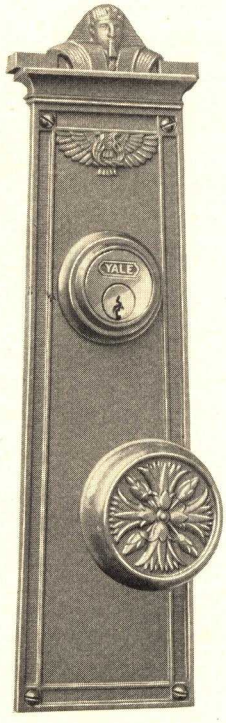
Fig. 2



Fig. 3



Nos. CVB89 and
AVB35



Nos. RK90 and RK35
Khartoum Design



Nos. BVB89 and
KVB37



Fig. 4



Fig. 5



Fig. 6

Designs with Emblems

It is often desirable to indicate the character of a building by emblems or seals upon the knobs or escutcheons. Especially is this true of buildings housing Masonic or other lodges; also of municipal, state or government buildings, where the coat of arms or public seal may be introduced; and of buildings for railroad companies, banks, etc., where the name or seal of the corporation is frequently used. For special knobs see page 146.

We invite inquiries and correspondence regarding the production of this class of work, for which we have unequalled facilities.

CUTS ONE-THIRD SIZE

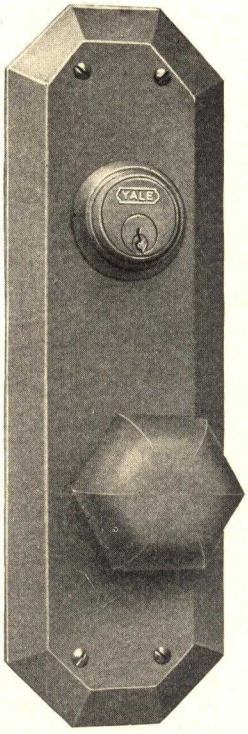
Mission School

ALAMEDA DESIGN

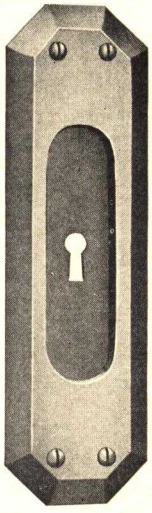
Symbol KA

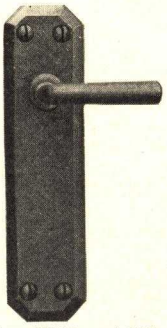
Cast Bronze or Brass

Standard Finishes:
AZ10; AW10; AY22; BY14; NX56
For finishes, see page XXV.

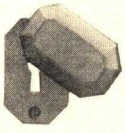


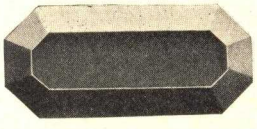
Nos. KA90 and KA55

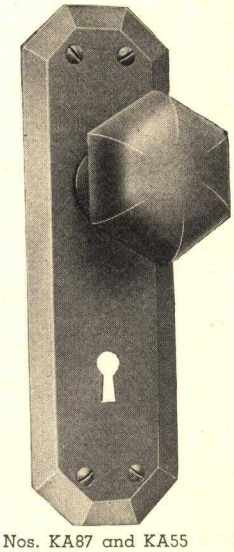

No. KA4854


Nos. KA81 and 905


No. KA812


No. KA1823


No. KA1349


Nos. KA87 and KA55

No.	Size	Article
XKA35	2¼ in. dia.	Door knob, octagon (page 154)
KA501/4	1 " "	Drawer knob
KA503/4	1 " "	Shutter "
KA53	1¾ " "	Door knob
KA55	2¼ " "	" "
KA81	5⅛ x 1¼ in.	Escutcheon for French door locks
KA87	8 x 2½ "	" " 3½ to 4½ in. locks
KA90	11 x 3½ "	" " 4¾ " 7 " "
KA220	1¾ in.	Knob rose
KA223	2¼ "	" "
XKA223	2¼ "	" " for No. XKA35 knob
XKA270	1¾ "	Rose for No. XKA935 lever handle
KA812	2 x 1¼ in.	Key plate for door locks
KA930	2⅞ in.	Lever handle (page 162)
KA931	3½ "	" " (" 162)
XKA935	4 "	" " (" 162)
KA1099	1⅛ x 4⅜ in.	Drawer pull, drop
KA1105*	2 x 1¼ "	Plate cut for turn knob
KA1133	2 x 2 "	Cylinder plate
KA1349	1¾ x 4 "	Sash lift, flush
KA1407	2 x 2 "	Push button, midget type
KA1532	2⅛ x 8 "	Letter box plate, outside
KA1534	12⅛ x 2⅛ "	Handle (page 124)
KA1730	12 x 3 "	Push plate
KA1823	2 x 1¼ "	Key plate with drop, for door locks
KA2534	13¾ x 2 3/16 "	Handle (page 124)
KA4634	14¾ x 2¾ "	" (" 124)
KA4854	8 x 2½ "	Cup for sliding door locks

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 107.
Cremone bolts are shown on page 190.

French Gothic School

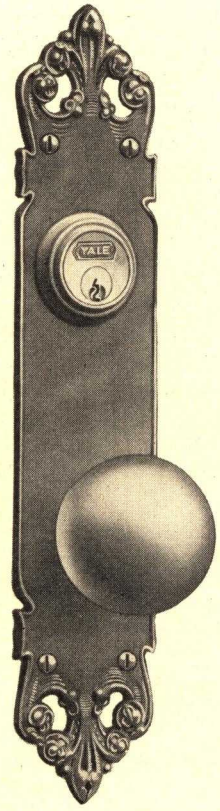
ALENCON DESIGN

Symbol LA

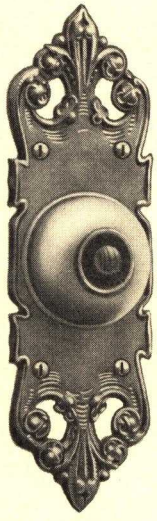
Cast Bronze, Brass and Iron (FX80)

CUTS ONE-THIRD SIZE

Standard Finishes:
AY21; BY21; BX12; SX52; FX80
For finishes, see page XXV.



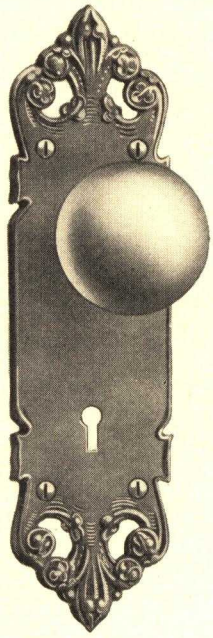
Nos. LA91 and D35



No. LA1416



No. LA812



Nos. LA89 and D35

No.	Size	Article
D35	2¼ in. dia.	Door knob, wrought reinforced
D37	2½ " "	" " "
LA81	6⅜ x 1¼ in.	Escutcheon for French door locks
LA89	9⅞ x 2½ "	" " 3½ to 4½ in. locks.
LA90	10⅞ x 2½ "	" " 4½ " 5½ " "
LA91	12⅝ x 2½ "	" " 5 " 7 " "
LA316	17½ x 2½ "	Handle
LA545	12⅝ x 2½ "	Door pull (grip No. 6)
LA812	3⅜ x 1⅜ "	Key plate for door locks
LA854	9¾ x 2½ "	Cup for sliding door locks
LA1099	2¼ x 7⅛ "	Drawer pull, drop
LA1349	1¼ x 4⅞ "	Sash lift, flush
LA1360	1¼ x 7¼ "	" " bar
LA1416	8 x 2½ "	Push button
LA1425	5 x 8 "	Door knocker
LA1531	2¼ x 8 "	Letter box plate, outside
LA1551	2¼ x 8¼ "	" " hood, inside
LA1730	12⅝ x 2½ "	Push plate
LA1730	18 x 2½ "	" "
LA1730	24 x 4 "	" "
LA6054*	4¾ x 1 "	Plate cut for turn knob
LA8355*	5⅛ x 1¼ "	" " " " "

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

French Renaissance School

AMBOISE DESIGN

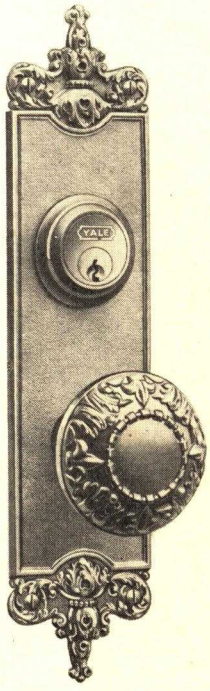
Symbol MA

Cast Bronze, Brass and Iron (FX80)

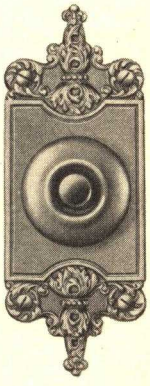
Standard Finishes:

AY21; BY21; BX12; SX52; FX80

For finishes, see page XXV.



Nos. MA90 and MA35



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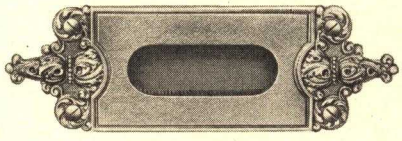

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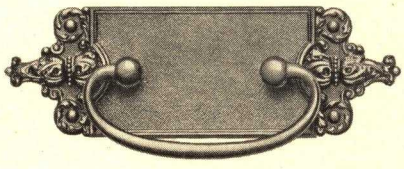

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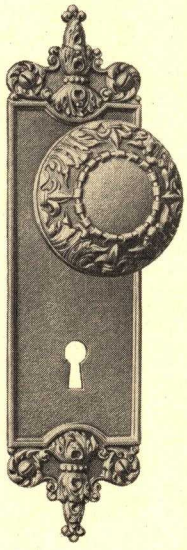


Nos. MA87 and MA35

No.	Size	Article
MA35	2¼ in. dia.	Door knob
MA37	2½ " "	" "
MA81	8¼ x 1½ in.	Escutcheon for French door locks
MA87	8½ x 2¼ "	" " 3½ to 4½ in. locks
MA89	10¼ x 2¼ "	" " 4½ " 5½ " "
MA90	10¾ x 2½ "	" " 5 " 7 " "
MA223	2¼ in. dia.	Knob rose
MA316	18 x 2½ in.	Handle
MA545	12 x 2½ "	Door pull (grip No. 7)
MA850	9½ x 2¼ "	Cup for sliding door locks
MA1099	2 x 6¼ "	Drawer pull, drop
MA1349	2 x 6¼ "	Sash lift, flush
MA1416	5¾ x 2⅛ "	Push button
MA1532	2¼ x 8⅜ "	Letter box plate, outside
MA1552	2¼ x 8⅝ "	" " hood, inside
MA1730	12 x 2½ "	Push plate
MA1730	18¼ x 2½ "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

Colonial School

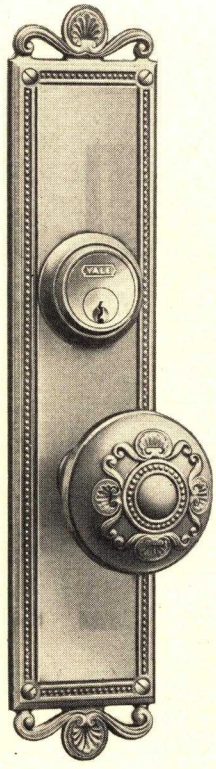
AMHERST DESIGN

Symbol NA

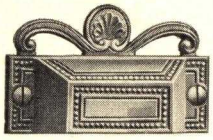
Cast Bronze or Brass

Standard Finishes:
AY22; BY14; BY22; BY24; SY52
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



Nos. NA90 and NA37



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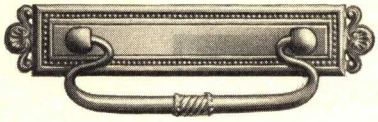
No. NA812



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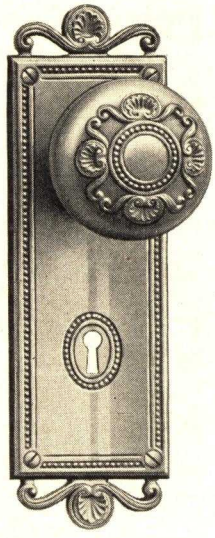


Nos. NA87 and NA37

No.	Size	Article
NA34	2 in. dia.	Door knob
NA35	2¼ " "	" "
NA37	2½ " "	" "
NA81	5⅞ x 1⅛ in.	Escutcheon for French door locks
NA84	6½ x 2 "	" " 3½ in. locks only
NA87	8¼ x 2½ "	" " 3¾ to 5½ in. locks
NA90	11¾ x 2⅝ "	" " 5 " 7 " "
NA91	12⅞ x 3¼ "	" " 5 " 7 " "
NA223	2¼ in. dia.	Knob rose
NA566	12⅞ x 3¼ in.	Door pull (grip No. 20)
NA812	2½ x 1⅛ "	Key plate for door locks
NA854	8¼ x 2½ "	Cup for sliding door locks
NA1062	2 x 3¼ "	Drawer pull, surface
NA1098	1⅛ x 3 "	" " drop
NA1099	1⅛ x 5¾ "	" " "
NA1348	1½ x 4⅛ "	Sash lift, flush
NA1349	2 x 4⅝ "	" " "
NA1361	1½ x 6 "	" " bar
NA1416	4⅝ x 2 "	Push button
NA1532	2⅝ x 8¼ "	Letter box plate, outside
NA1542	2⅝ x 8¼ "	" " hood, inside
NA1730	12⅞ x 3¼ "	Push plate
NA7255*	4⅝ x 1⅛ "	Plate cut for turn knob
NA8205*	5¾ x 1⅛ "	" " " " "

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

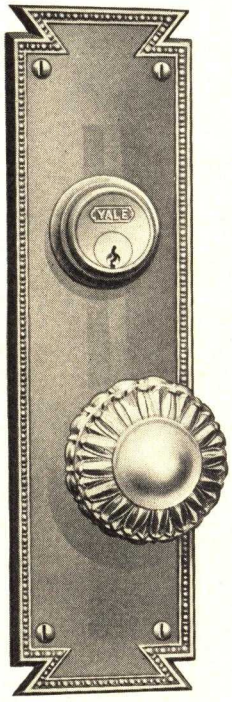
Greek School

ARGOS DESIGN

Symbol QA

Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
AY21; BY21; BY14; FX80
For finishes, see page XXV.



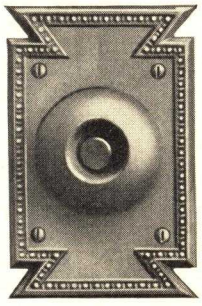
Nos. QA89 and QA27



No. QA812



No. QA1099



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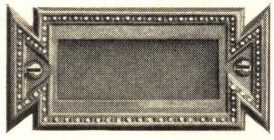

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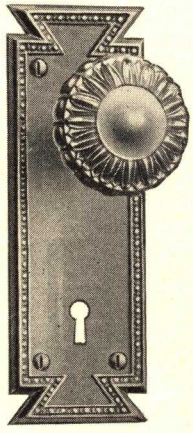


Nos. QA84 and QA25

No.	Size	Article
QA25	2¼ in. dia.	Door knob
QA27	2½ " "	" "
QA81	5⅜ x 1⅜ in.	Escutcheon for French door locks
QA84	6⅝ x 2⅜ "	" " 3½ to 4 in. locks
QA87	8 x 3 "	" " 4¼ " 5½ " "
QA89	10⅞ x 3 "	" " 5 " 7 " "
QA542	10⅞ x 3 "	Door pull (grip No. 22)
QA812	2⅛ x 1¼ "	Key plate for door locks
QA854	8 x 3 "	Cup for sliding door locks
QA1099	1¼ x 4½ "	Drawer pull, drop
QA1349	2 x 4⅛ "	Sash lift, flush
QA1416	4⅝ x 3 "	Push button
QA1730	10⅞ x 3 "	Push plate
QA1730	15¾ x 3½ "	" "
QA1730	18¼ x 3 "	" "
QA6355*	4 x 1¼ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Colonial School

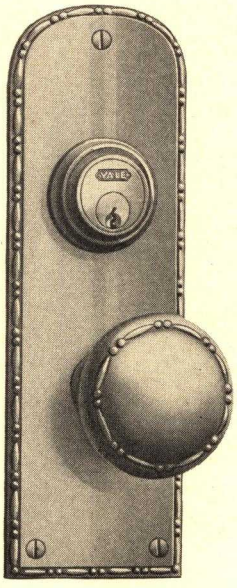
ARLINGTON DESIGN

CUTS ONE-THIRD SIZE

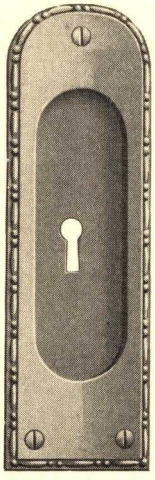
Symbol RA

Cast Bronze or Brass

Standard Finishes:
AZ10; AY22; BZ10; BY14; BY24
For finishes, see page XXV.



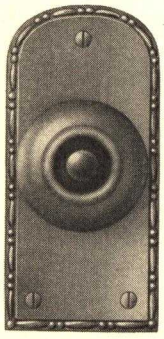
Nos. RA88 and RA35



No. RA854



No. RA812



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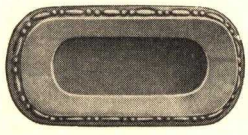

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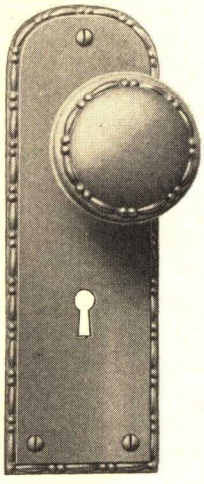


Nos. RA86 and RA35

No.	Size	Article
RA35	2¼ in. dia.	Door knob
RA37	2½ " "	" "
RA81	5⅝ x 1¼ in.	Escutcheon for French door locks
RA86	7⅜ x 2½ "	" " 3½ to 5 in. locks
RA88	9 x 3 "	" " 4½ " 6 " "
RA223	2¼ in. dia.	Knob rose
RA316	18⅛ x 3 in.	Handle
RA541	9 x 3 "	Door pull (grip No. 6)
RA812	2¾ x 1¼ "	Key plate for door locks
RA854	7¼ x 2½ "	Cup for sliding door locks
RA1348	1¾ x 3¾ "	Sash lift, flush
RA1416	5⅛ x 2½ "	Push button
RA1730	9 x 3 "	Push plate
RA1730	18⅛ x 3 "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

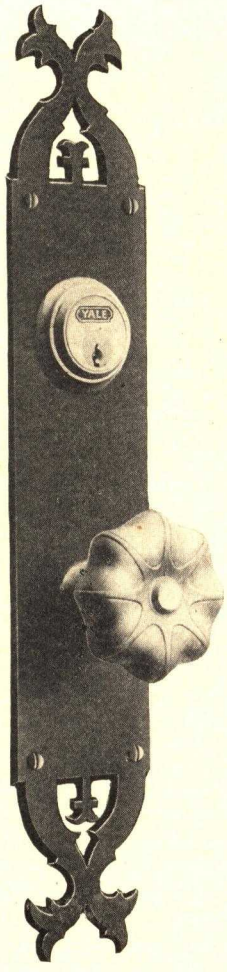
Elizabethan School

ASHBY DESIGN

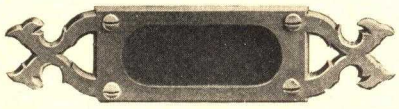
Symbol SA

Cast Bronze, Brass and Iron

Standard Finishes:
AZ10; AY22; FX80
For finishes, see page XXV.



Nos. SA92 and SA97



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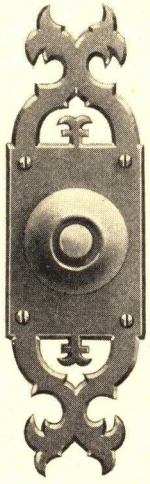
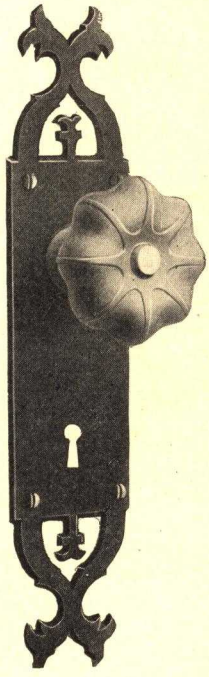


No. SA1416



No. SA812



Nos. SA89 and SA97

No.	Size	Article
SA89	10⅝ x 2½ in.	Escutcheon for inside door locks
SA92	14⅞ x 2¾ "	" " pin-tumbler locks
SA97	2⅝ in. dia.	Door knob
SA234	2⅜ x 2⅜ in.	Knob rose
SA812	2⅜ x 1¼ "	Key plate for door locks
SA823	2⅜ x 1¼ "	" " with drop
SA854	10⅝ x 2½ "	Cup for sliding door locks
SA1349	1½ x 6¼ "	Sash lift, flush
SA1416	7⅜ x 2¼ "	Push button
SA1730	10⅝ x 2½ "	Push plate
SA1730	14⅞ x 2¾ "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

Greek School

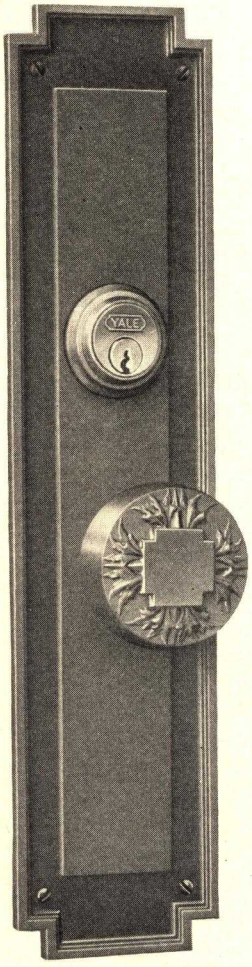
ATHENS DESIGN

Symbol TA

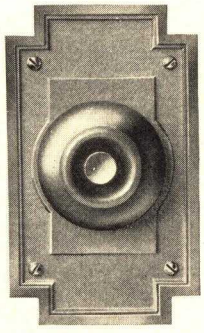
Cast Bronze, Brass and Iron

Standard Finishes:
AY21; BY21; BY14; FX80
For finishes, see page XXV.

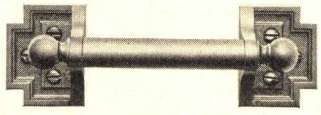
CUTS ONE-THIRD SIZE



Nos. TA92 and TA7



No. TA1416



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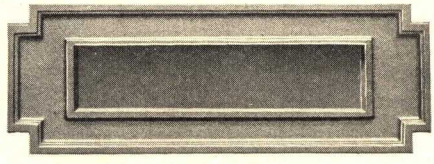

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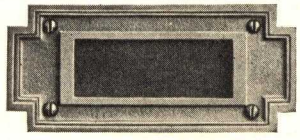
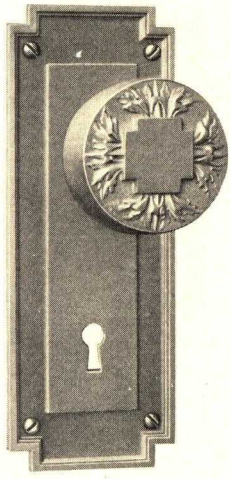


No. TA1349



Nos. TA86 and TA5

No.	Size	Article
TA5	2¼ in. dia.	Door knob
TA7	2½ " "	" "
TA81	5½ x 1¼ in.	Escutcheon for French door locks
TA86	7¼ x 2¾ "	" " 3½ to 4½ in locks
TA88	9 x 3⅛ "	" " 4½ " 5½ " "
TA90	12 x 3½ "	" " 5 " 7 " "
TA92	15 x 3½ "	" " 5 " 7 " "
TA535	15 x 3½ "	Door pull (grip No. 134)
TA586	16¾ x 3¾ "	" " (" " 79)
TA812	1⅞ x 1⅛ "	Key plate for door locks
TA850	7¼ x 2¾ "	Cup for sliding door locks
TA1099	1¼ x 4⅝ "	Drawer pull, drop
TA1133	2⅝ x 2¼ "	Cylinder plate
TA1205*	1⅞ x 1⅛ "	Plate cut for turn knob
TA1349	2 x 4½ "	Sash lift, flush
TA1362	1⁹⁄₁₆ x 4⅞ "	" " bar
TA1416	5 x 3 "	Push button
TA1531	2⅜ x 6⅝ "	Letter box plate, outside
TA1730	15 x 3½ "	Push plate
TA1730	16¾ x 3¾ "	" "
TA1730	20 x 4 "	" "
TA4534	14⅝ x 2¼ "	Handle (page 125)
TA4634	14¾ x 2¼ "	" (" 125)
TA35616	16¾ x 3¾ "	" (" 140)
TA57616	20 x 4 "	" (" 140)

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 106.

CUTS ONE-THIRD SIZE

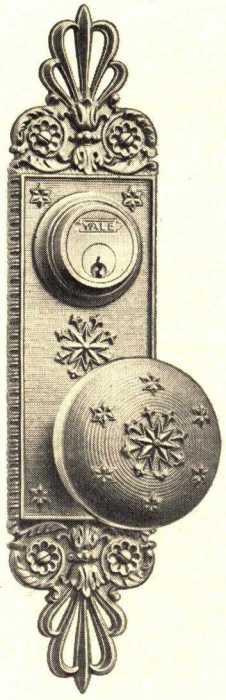
Empire School

AUSTERLITZ DESIGN

Symbol VA

Cast Bronze or Brass

Standard Finishes:
AY21; AY22; BY21; BY24; SY52
For finishes, see page XXV.



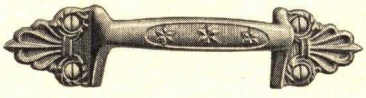
Nos. VA89 and VA37



No. VA1416



No. VA812



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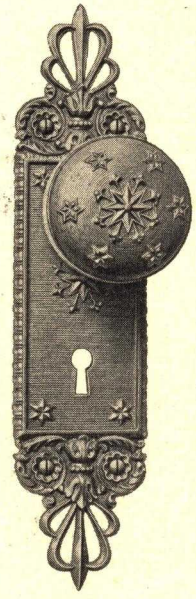


Nos. VA88 and VA35

No.	Size	Article
VA35	2¼ in. dia.	Door knob
VA37	2½ " "	" "
VA81	6⅝ x 1¼ in.	Escutcheon for French door locks
VA87	8 x 1¾ "	" " 2½ in. spacing only
VA88	9¼ x 2¼ "	" " 3½ to 4¼ in. locks
VA89	10¾ x 2½ "	" " 4½ " 6 " "
VA90	12¼ x 2½ "	" " 5 " 7 " "
VA316	19⅛ x 2½ "	Handle (page 142)
VA554	13½ x 2½ "	Door pull (grip No. 69½)
VA812	3 x ⅞ "	Key plate for door locks
VA850	9¼ x 2⅛ "	Cup for sliding door locks
VA1098	1¼ x 5¼ "	Drawer pull, drop
VA1347	1¼ x 5⅛ "	Sash lift, flush
VA1365	1¼ x 5⅝ "	" " bar
VA1415	7¼ x 2⅛ "	Push button
VA1416	7½ x 2½ "	" "
VA1730	12¼ x 2½ "	Push plate
VA1730	18⅞ x 2½ "	" "
VA4005*	3⅛ x ⅞ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Romanesque School

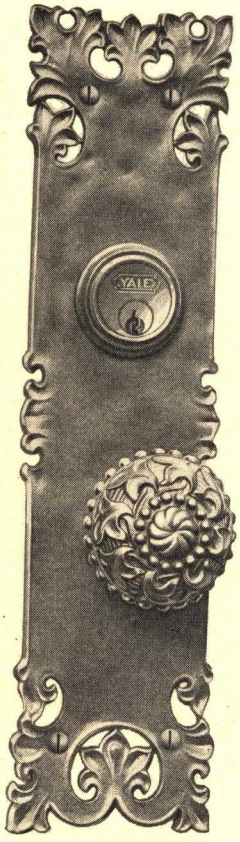
AUVERGNE DESIGN

Symbol WA

Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
AY21; BY21; BY24; SY52; FX80
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



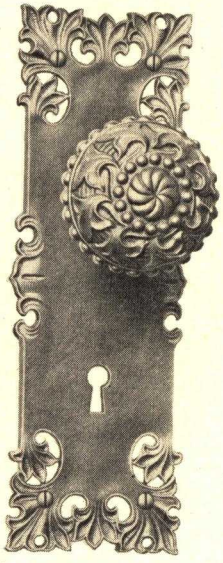
Nos. WA90 and WA35



No. WA812



Nos. WA35 and WA240



Nos. WA87 and WA35

No.	Size	Article
WA33	1¾ in. dia.	Door knob
WA35	2¼ " "	" "
WA37	2½ " "	" "
WA81	5¼ x 1⅜ in.	Escutcheon for French door locks
WA85	7 x 2½ "	" " 3½ in. locks only
WA87	8½ x 2¾ "	" " 3½ to 5 in. locks
WA90	12¾ x 3⅜ "	" " 5 " 7 " "
WA91	13⅛ x 3½ "	" " 5 " 7 " "
WA240	2½ x 2½ "	Knob rose, square
WA316	15¼ x 2⅝ "	Handle (page 142)
WA523	10¾ x 2¼ "	Door pull (grip No. 12)
WA545	13⅛ x 3½ "	" " (" " 20)
WA812	2¾ x 1⅝ "	Key plate for door locks
WA820*	3¼ x 1¼ "	Plate cut for key and turn knob
WA854	8¾ x 2¾ "	Cup for sliding door locks
WA1099	1⅞ x 6¼ "	Drawer pull, drop
WA1349	1⅞ x 5¾ "	Sash lift, flush
WA1360	1⅝ x 7½ "	" " bar
WA1416	6⅞ x 2⅞ "	Push button
WA1425	8½ x 2⅞ "	Door knocker
WA1507	2¾ x 8⅜ "	Letter box plate, outside
WA1730	14¼ x 3¼ "	Push plate
WA4305*	3 x 1¼ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

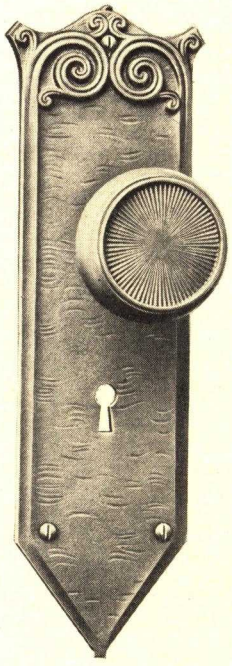
Romanesque School

BEAUMONT DESIGN

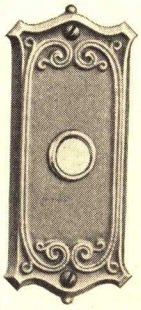
Symbol VB

Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
AY21; BY14; BY21; BY24; BX67; FX80.
For finishes, see page XXV.



Nos. VB89 and VB35



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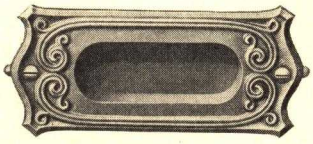
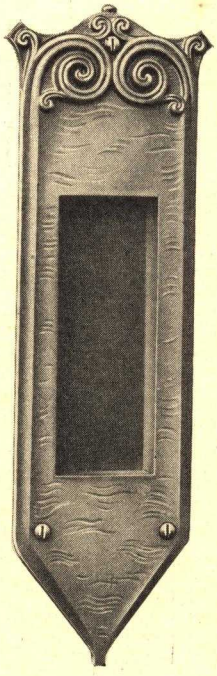


No. VB1349



No. VB812

This design is especially appropriate for Masonic use. The pieces are usually furnished with one or more of the many Masonic emblems. For additional information regarding designs with emblems see page 320.



No. VB854

No.	Size	Article
VB35	2¼ in. dia.	Door knob
VB89	10⅜ x 3⅜ in.	Escutcheon for locks not over 5½ in.
VB316	21 x 4⅝ "	Handle (page 141)
VB595	20⅜ x 5¾ "	Door pull (grip No. 42)
VB596	21 x 4⅝ "	" " (" " 42)
VB812	2 x 1¼ "	Key plate for door locks
VB854	10⅜ x 3⅜ "	Cup for sliding door locks
VB1348	1⅞ x 4 "	Sash lift, flush
VB1349	2⅛ x 4⅝ "	" " "
VB1413	4⅝ x 2⅛ "	Push button
VB1730	20⅜ x 5¾ "	Push plate
VB1730	21 x 4⅝ "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

French Gothic School

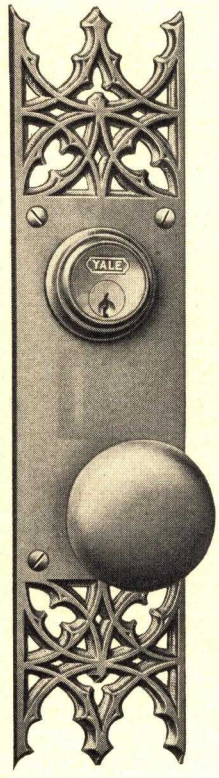
BEAUVAIS DESIGN

Symbol HB

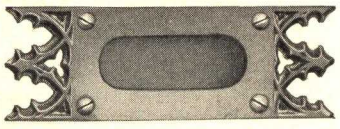
Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
AZ10; AY22; BY24; FX80
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



Nos. HB90 and D35



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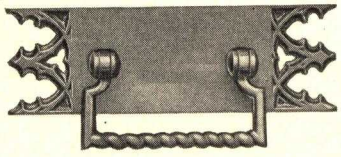
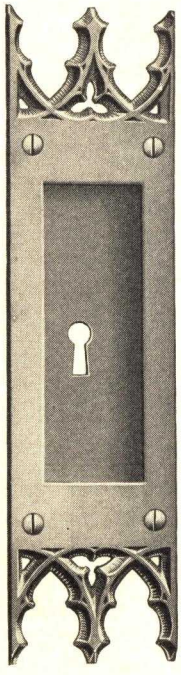
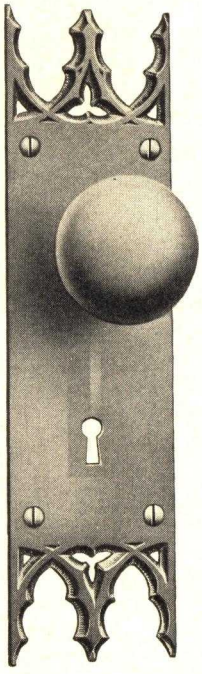


No. HB1099



No. HB854



Nos. HB89 and D35

No.	Size	Article
D35	2¼ in. dia.	Door knob, wrought reinforced
D37	2½ " "	" " " "
HB81	6 x 1 in.	Escutcheon for French door locks
HB89	10⅜ x 2¾ "	" " 3½ to 4½ in. locks
HB90	12 x 2¾ "	" " 4¼ " 5½ " "
HB91	14 x 2¾ "	" " 5 " 7 " "
HB316	23⅝ x 4⅜ "	Handle
HB508	12 x 2¾ "	Door pull (grip No. 82½)
HB812	2⅞ x ⅞ "	Key plate for door locks
HB854	10⅜ x 2¾ "	Cup for sliding door locks
HB1099	1¾ x 5¼ "	Drawer pull, drop
HB1349	1¾ x 5¼ "	Sash lift, flush
HB1416	6½ x 2¾ "	Push button
HB1730	12 x 2¾ "	Push plate
HB1730	15⅞ x 3¾ "	" "
HB1730	18⅛ x 4½ "	" "
HB8054*	5½ x ⅞ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

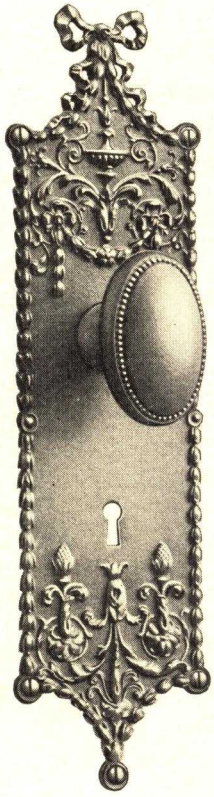
Adam School

BOLTON DESIGN

Symbol NB

Cast Bronze or Brass

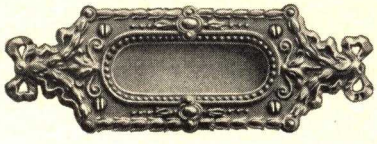
Standard Finishes:
AZ10; AY22; SY52; GY10
For finishes, see page XXV.



Nos. NB90 and NB67



No. NB812



No. NB1349



No. NB854

No.	Size	Article
NB67	2⅝ x 1¾ in.	Door knob
NB69	3 x 2 "	" "
NB90	12¼ x 3⅜ "	Escutcheon for locks with 2¾ in. spacing only
NB322	2 in. dia.	Knob rose
NB812	2¾ x 1⅝ in.	Key plate for door locks
NB823	2¾ x 1⅝ "	" " with drop for door locks
NB854	12¼ x 3⅜ "	Cup for sliding door locks
NB1099	2 x 5¾ "	Drawer pull, drop
NB1205*	4¾ x ⅞ "	Plate cut for turn knob
NB1349	2 x 5¾ "	Sash lift, flush

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Louis XIV School

BRETON DESIGN

Symbol TB

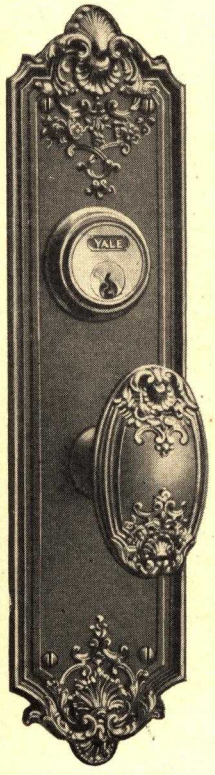
Cast Bronze, Brass and Iron (FX80)

Standard Finishes:

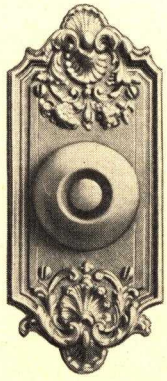
AY21; BY21; BY24; SY52; FX80

For finishes, see page XXV.

CUTS ONE-THIRD SIZE



Nos. TB90 and TB69



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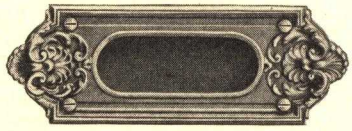

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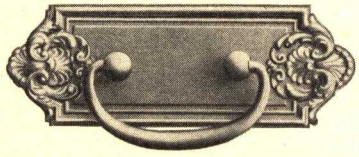
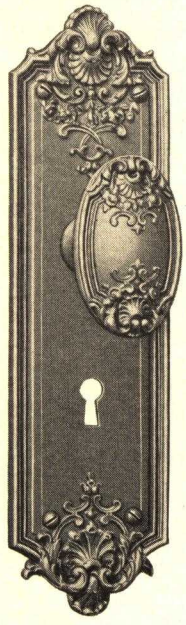


No. TB1099



No. TB1507



Nos. TB88 and TB67

No.	Size	Article
TB67	2⅝ x 1⅝ in.	Door knob
TB69	3⅛ x 1⅞ "	" "
TB81	6 x 1⅜ "	Escutcheon for French door locks
TB88	9½ x 2½ "	" " 3½ to 4¾ in. locks
TB90	11¾ x 3 "	" " 5 " 7 " "
TB223	2¼ in. dia.	Knob rose
TB316	23 x 3¾ in.	Handle (page 142)
TB552	18 x 3¾ "	Door pull (grip No. 20)
TB812	3 x 1 7/16 "	Key plate for door locks
TB854	9½ x 2½ "	Cup for sliding door locks
TB1099	1⅞ x 5½ "	Drawer pull, drop
TB1349	1⅞ x 5½ "	Sash lift, flush
TB1362	1⅜ x 5¾ "	" " bar
TB1416	5¾ x 2½ "	Push button
TB1507	2½ x 9⅛ "	Letter box plate, outside
TB1527	2½ x 9⅛ "	" " hood, inside
TB1730	11¾ x 3 "	Push plate
TB1730	18 x 3¾ "	" "
TB1730	23 x 3¾ "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

Francis I School

CHAMBORD DESIGN

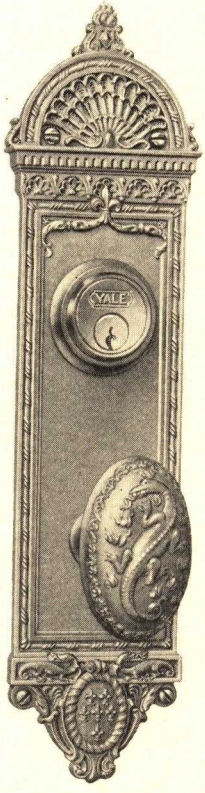
Symbol LC

Cast Bronze or Brass

Standard Finishes

AY24; AY52; BY24; SY52; GY10

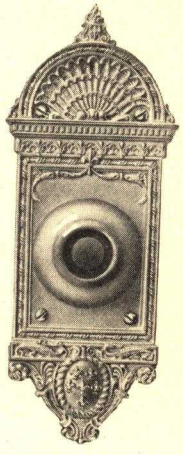
For finishes, see page XXV.



Nos. LC90 and LC69



No. LC1349



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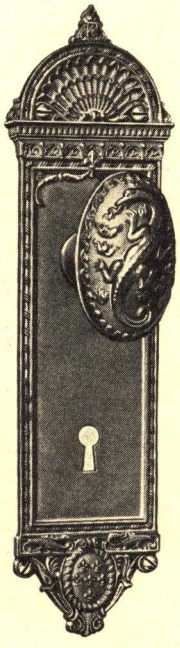
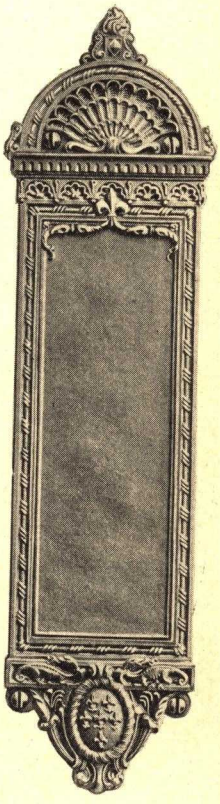


Nos. LC89 and LC67



No. LC1730

No.	Size	Article
LC67	2½ x 1½ in.	Door knob
LC69	2¾ x 1¾ "	" "
LC89	10 x 2¾ "	Escutcheon for 3½ to 4¾ in. locks
LC90	12¼ x 3¼ "	" " 5 " 6½ " "
LC812	2½ x 1 "	Key plate for door locks
LC854	9⅞ x 2¾ "	Cup for sliding door locks
LC1099	1⅝ x 6½ "	Drawer pull, drop
LC1349	1⅝ x 6¼ "	Sash lift, flush
LC1416	7 x 2¾ "	Push button
LC1730	12¼ x 3¼ "	Push plate
LC5145*	3½ x 1 "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Colonial School

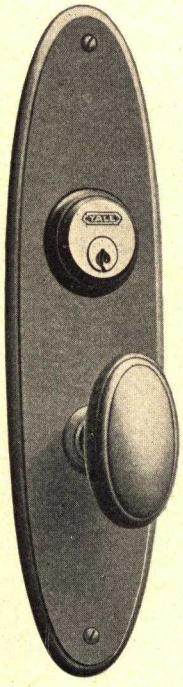
CHESTER DESIGN

Symbol NC

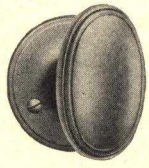
Cast Bronze, Brass and Iron

Standard Finishes:
AZ10; AY22; FX80
For finishes, see page XXV.

▪ CUTS ONE-THIRD SIZE ▪



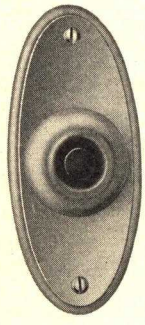
Nos. NC90 and NC67



Nos. NC67 and NC225



No. NC1347



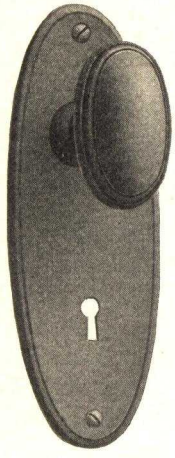
No. NC1416



No. NC823



No. NC812



Nos. NC85 and NC67

No.	Size	Article
NC67	2½ x 1½ in.	Door knob
NC81	5½ x 1¼ "	Escutcheon for French door locks
NC85	7 x 2½ "	" " 3½ to 4¼ in. locks
NC87	8 x 2½ "	" " 4¼ " 5½ " "
NC90	11 x 3 "	" " 5 " 7 " "
NC225	2½ in. dia.	Knob rose
NC316	14⅝ x 3¼ in.	Handle
NC531	11 x 3 "	Door pull (grip No. 132)
NC563	2 in. dia.	Knob rose, with concealed attachment
NC812	1½ x ⅞ in.	Key plate for door locks
NC820*	3 x 1¼ "	Plate cut for key and turn knob
NC823	2⅛ x 1 "	Key plate with drop, for door locks
NC854	6¾ x 2⅝ "	Cup for sliding door locks
NC1005*	1½ x ⅞ "	Plate cut for turn knob
NC1099	1⅝ x 4⅜ "	Drawer pull, drop
NC1133	2 7/16 in. dia.	Cylinder plate
NC1347	1¼ x 3⅞ in.	Sash lift, flush
NC1416	4⅞ x 2⅛ "	Push button
NC1531	2½ x 7 "	Letter box plate, outside
NC1551	2½ x 7⅝ "	" " hood, inside
NC1730	11 x 3 "	Push plate
NC1730	18 x 4 "	" "

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

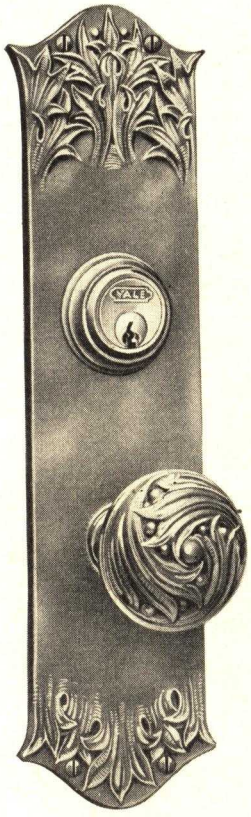
Romanesque School

CLUNY DESIGN

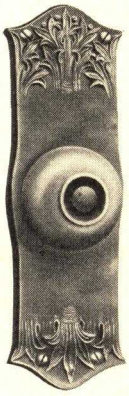
Symbol PC

Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
AY21; BY21; BY24; SX52; FX80
For finishes, see page XXV.



Nos. PC91 and PC35



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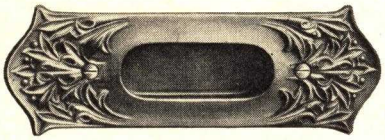

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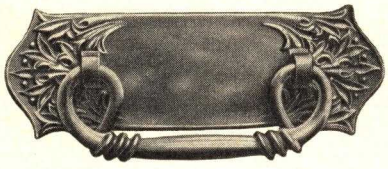
No. PC812



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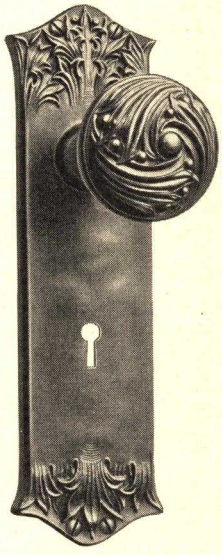


Nos. PC87 and PC35

No.	Size	Article
PC33	1¾ in. dia.	Door knob
PC35	2¼ " "	" "
PC37	2½ " "	" "
PC81	5¼ x 1½ in.	Escutcheon for French door locks
PC86	7¼ x 2 "	" " locks with 2¼ in. spacing only.
PC87	8½ x 2½ "	" " 3½ to 5 in. locks
PC89	10 x 2½ "	" " 5 " 7 " "
PC91	12⅝ x 3⅜ "	" " 5 " 7 " "
PC92	14½ x 3⅜ "	" " 5 " 7 " "
PC316	15 x 3½ "	Handle
PC554	12⅝ x 3⅜ "	Door pull (grip No. 4)
PC812	3¼ x 1⅜ "	Key plate for door locks
PC854	8½ x 2⅞ "	Cup for sliding door locks
PC1099	2 x 6 "	Drawer pull, drop
PC1348	1⅝ x 4½ "	Sash lift, flush
PC1349	2 x 6 "	" " "
PC1362	1⅝ x 5½ "	" " bar
PC1413	4½ x 1½ "	Push button
PC1416	6⅛ x 2 "	" "
PC1507	2½ x 8½ "	Letter box plate, outside
PC1517	2½ x 8½ "	" " " inside
PC1527	2½ x 8½ "	" " hood, inside
PC1730	12⅝ x 3⅜ "	Push plate
PC1730	14½ x 3⅜ "	" "
PC1730	18 x 3¾ "	" "
PC1730	20⅛ x 4⅛ "	" "
PC5005*	3½ x ⅞ "	Plate cut for turn knob
PC7355*	4⅞ x 1¼ "	" " " " "

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

German Gothic School

COBURG DESIGN

Symbol QC

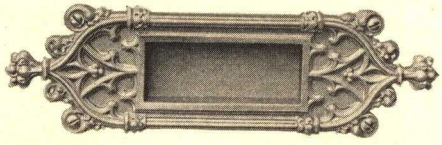
Cast Bronze, Brass and Iron

Standard Finishes:
BY14; BY65; FX80
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



Nos. QC94 and QC37



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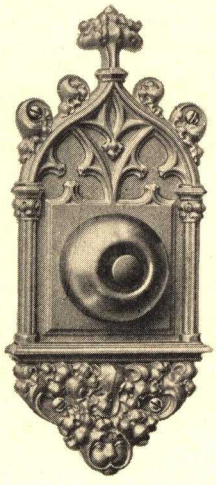

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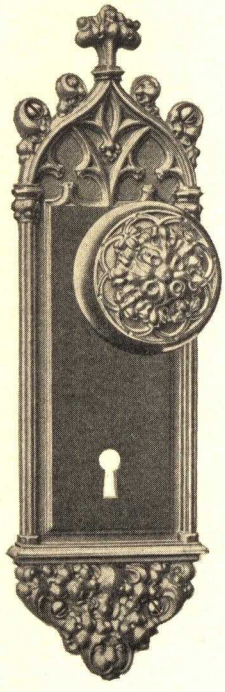


Nos. QC89 and QC35

No.	Size	Article
QC35	2¼ in. dia.	Door knob
QC37	2½ " "	" "
QC89	10⅜ x 3¼ in.	Escutcheon for 3½ to 4½ in. locks.
QC90	11¼ x 3¼ "	" " 4¼ " 5 " "
QC94	17¼ x 4⅜ "	" " 5 " 7 " "
QC316	23½ x 4¼ "	Handle (grip No. 61)
QC589*	17¼ x 4⅜ "	Door pull (grip No. 1)
QC812	3¼ x 1⅜ "	Key plate for door locks
QC854	10⅜ x 3¼ "	Cup for sliding door locks
QC1099	2 x 6⅝ "	Drawer pull, drop
QC1349	2 x 6¾ "	Sash lift, flush
QC1416	7⅜ x 3¼ "	Push button
QC1730	17⅛ x 3⅛ "	Push plate
QC1730	17¼ x 4⅜ "	" "

*Specify hand.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 107.

CUTS ONE-THIRD SIZE

German Gothic School

COLOGNE DESIGN

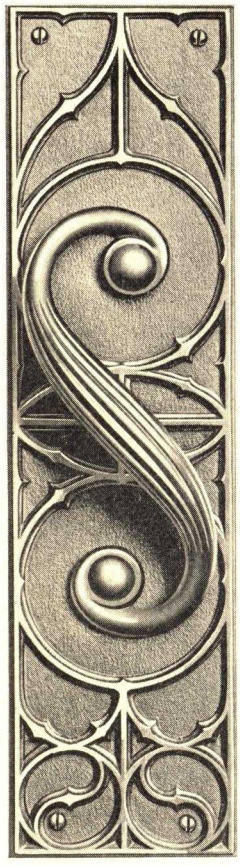
Symbol RC

Cast Bronze, Brass and Iron (FX80)

Standard Finishes:

BY14; NX56; FX80

For finishes, see page XXV.



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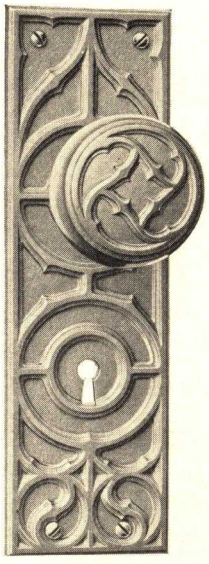
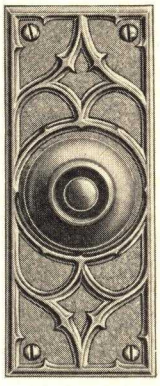


Nos. RC87 and RC35



No. RC1349



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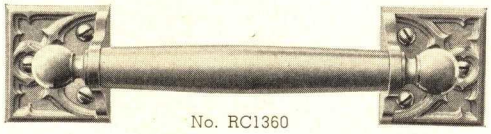

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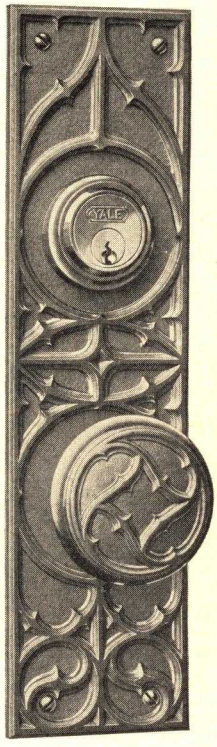


Nos. RC90 and RC37

No.	Size	Article
RC35	2¼ in. dia.	Door knob
RC37	2½ " "	" "
RC87	8⅝ x 2⅝ in.	Escutcheon for 2½ and 2¾ in. spacings only.
RC88	9⅝ x 2⅞ "	" " inside of 670 and 726 locks
RC89	10⅜ x 3⅛ "	" " pin-tumbler locks with 3 in. spacing
RC90	11½ x 3⅛ "	" " " " " " 4 " "
RC91	12 x 3⅝ "	" " " " " " 3½ " "
RC223	2¼ in. dia.	Knob rose
RC569*	13⅜ x 3½ in.	Door pull (grip No. 1)
RC812	2 x 1 "	Key plate for door locks
RC854	8⅝ x 2⅝ "	Cup for sliding door locks
RC1349	1½ x 4¼ "	Sash lift, flush
RC1360	2 x 7⅝ "	" " bar
RC1416	5¾ x 2¼ "	Push button
RC1532	2¼ x 8 "	Letter box plate, outside
RC1552	2¼ x 8⅛ "	" " hood, inside
RC1730	13⅜ x 3½ "	Push plate

*Specify hand.

For escutcheon plates, with turn knobs, add ½ to list number.

Colonial School

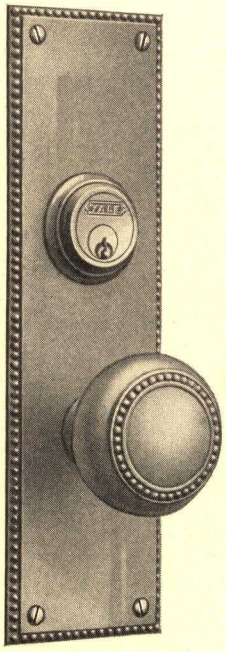
COLONNA DESIGN

Symbol SC

Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
AZ10; AY22; BZ10; BY14; BY24; FX80
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



Nos. SC89 and SC37



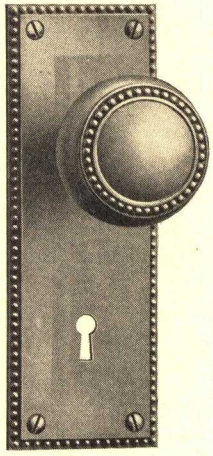
No. SC3812



No. SC1347



No. SC1531



Nos. SC85 and SC35

No.	Size	Article
SC35	2¼ in. dia.	Door knob
SC37	2½ " "	" "
SC81	5⅛ x 1⅛ in.	Escutcheon for French door locks
SC85	7 x 2½ "	" " 3½ to 4½ in. locks
SC87	8½ x 2½ "	" " 4½ " 5½ " "
SC89	10 x 3 "	" " 5 " 7 " "
SC90	11 x 3½ "	" " 5 " 7 " "
SC223	2¼ in. dia.	Knob rose
SC316	16 x 4 in.	Handle (page 136)
SC554	11 x 3½ "	Door pull (grip No. 4)
SC820*	3¼ x 1 "	Plate cut for key and turn knob
SC850	7 x 2½ "	Cup for sliding door locks
SC1099	1½ x 3¾ "	Drawer pull, drop
SC1347	1⅜ x 3½ "	Sash lift, flush
SC1416	4⅞ x 2½ "	Push button
SC1531	2½ x 7¼ "	Letter box plate, outside
SC1541	2½ x 7¼ "	" " " inside
SC1551	2⅝ x 7⅜ "	" " hood, inside
SC1730	11 x 3½ "	Push plate
SC1730	14 x 3 "	" "
SC1730	16 x 4 "	" "
SC2634	14 x 2 "	Handle (page 127)
SC3205*	2½ x 1⅛ "	Plate cut for turn knob
SC3812	2 x 1 "	Key plate for door locks
SC6154*	4⅛ x 1⅛ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

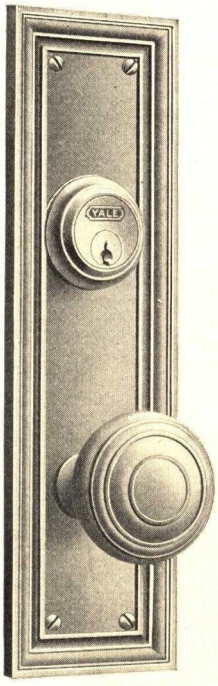
Colonial School

DARTMOUTH DESIGN

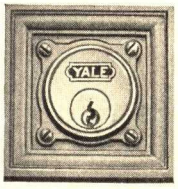
Symbol HD

Cast Bronze, Brass and Iron

Standard Finishes:
BZ10; AY21; BY21; BY24; FX80
For finishes, see page XXV.



Nos. HD89 and HD35



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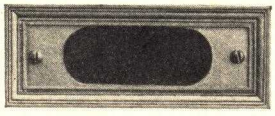

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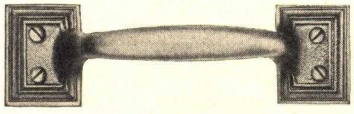

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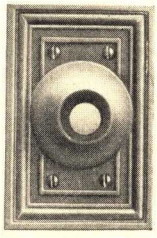

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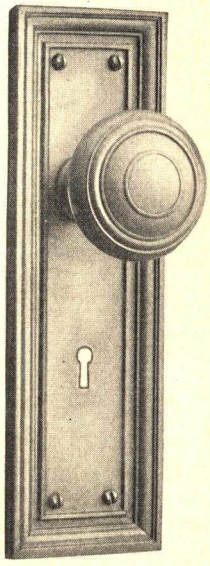


Nos. HD88 and HD35

No.	Size	Article
HD35	2¼ in. dia.	Door knob
HD37	2½ " "	" "
HD81	5 1/16 x 1¼ in.	Escutcheon for French door locks
HD85	7 x 2½ "	" " 3½ to 4½ in. locks
HD88	8¾ x 2¾ "	" " 4 " 5½ " "
HD89	10½ x 3 "	" " pin-tumbler locks
HD223	2¼ in. dia.	Knob rose
HD530	10½ x 3 in.	Door pull (grip No. 132)
HD535	15 x 3 "	" " (" " 134)
HD812	2¼ x 1¼ "	Key plate for door locks
HD820*	3¼ x 1¼ "	Plate cut for key and turn knob
HD850	7 x 2½ "	Cup for sliding door locks
HD1132	2½ x 2½ "	Cylinder plate
HD1133	2¾ x 2¾ "	" "
HD1348	1⅝ x 4¼ "	Sash lift, flush
HD1365	1⅝ x 5½ "	" " bar
HD1401	2¾ x 2¾ "	Push button, midget type
HD1416	3⅝ x 2½ "	" "
HD1531	2¾ x 8¾ "	Letter box plate, outside
HD1551	2¾ x 8¾ "	" " hood, inside
HD1565	8¾ x 2¾ "	" hole plate, chute and backplate, vert. (page 238)
HD1569	10 x 3⅛ "	" " " " " " " (page 239)
HD1579	10 x 3⅛ "	" " " " " " hood (page 239)
HD1730	10½ x 3 "	Push plate
HD1730	15 x 3 "	" "
HD1730	20 x 4 "	" "
HD2305*	2¼ x 1¼ "	Plate cut for turn knob
HD6234	16½ x 2½ "	Handle (page 129)
HD8234	19½ x 2¾ "	" (" 129)
HD34616	15 x 3 "	" (" 135)
HD57516	20 x 4 "	" (" 135)

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 108.

Colonial School

DEDHAM DESIGN

Symbol JD

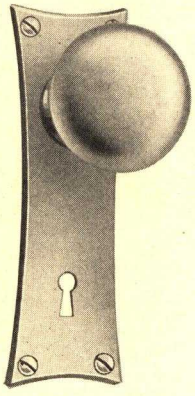
Cast Bronze, Brass and Iron

Standard Finishes:
AZ10; AY22; BY14; BY22; FX80
For finishes, see page XXV.

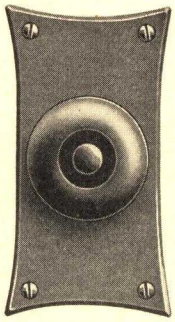
CUTS ONE-THIRD SIZE



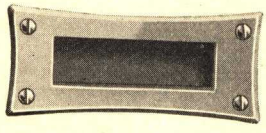
No. JD812



Nos. JD83 and D35



No. JD1416



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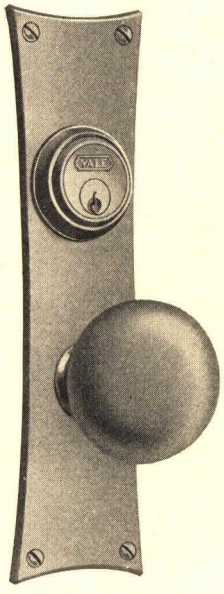


Nos. JD88 and D35

No.	Size	Article
D35	2¼ in. dia.	Door knob
D37	2½ " "	" "
JD81	5 x 1⅜ in.	Escutcheon for French door locks
JD83	6 x 2 "	" " 3½ to 4½ in. locks
JD85	8 x 2 "	" " 3½ " 5 " "
JD88	9 x 2½ "	" " 4½ " 6 " "
JD233	2⅛ x 2⅛ "	Knob rose
JD812	2⅛ x 1⅜ "	Key plate for door locks
JD820*	3 x 1⅜ "	Plate cut for key and turn knob
JD850	7 x 2½ "	Cup for sliding door locks
JD1098	1⅝ x 3⅝ "	Drawer pull, drop
JD1133	2½ x 2½ "	Cylinder plate
JD1348	1¾ x 4 "	Sash lift, flush
JD1401	2½ x 2½ "	Push button, midget type
JD1416	4⅞ x 2⅝ "	" "
JD1531	2½ x 8¾ "	Letter box plate, outside
JD1730	9 x 2½ "	Push plate
JD1730	12 x 4½ "	" "
JD2405*	2⅛ x 1⅜ "	Plate cut for turn knob
JD4534	15 x 2⅝ "	Handle (page 122)

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

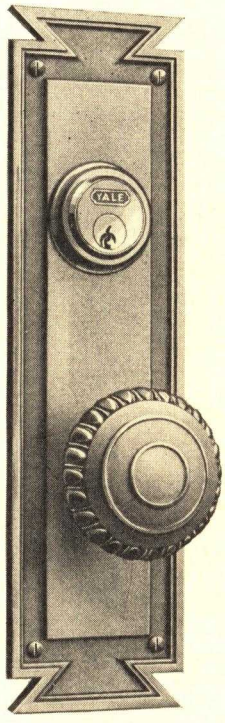
Greek School

DELOS DESIGN

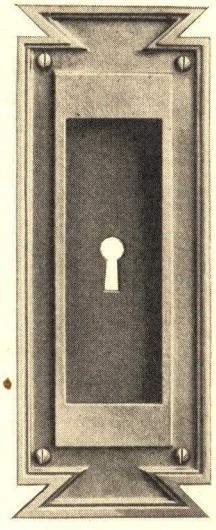
Symbol WD

Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY14; BX67
For finishes, see page XXV.



Nos. WD89 and WD27



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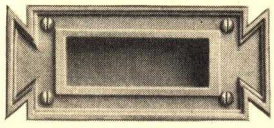

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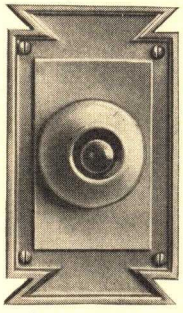

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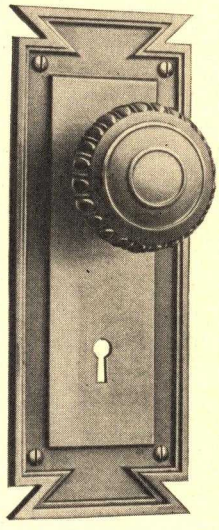


Nos. WD87 and WD25

No.	Size	Article
WD25	2¼ in. dia.	Door knob
WD27	2½ " "	" "
WD87	8 x 3 in.	Escutcheon for 3½ to 4½ in. locks
WD89	11 x 3 "	" " 4¾ " 7 " "
WD223	2¼ in. dia.	Knob rose
WD854	8 x 3 in.	Cup for sliding door locks
WD1099	1¾ x 4⅛ "	Drawer pull, drop
WD1349	1¾ x 4⅜ "	Sash lift, flush
WD1416	4¾ x 2¾ "	Push button
WD1730	11 x 3 "	Push plate
WD1730	15 x 3 "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

French Renaissance School

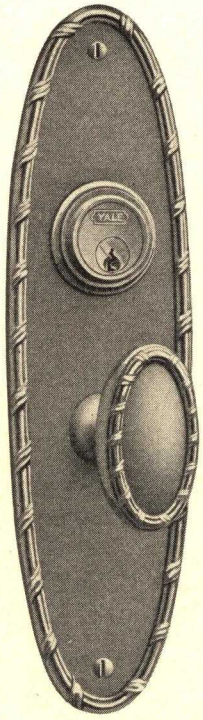
DORMANS DESIGN

Symbol OD

Cast Bronze or Brass

Standard Finishes:
AY22; BY14; BY24; SY52*
For finishes, see page XXV.

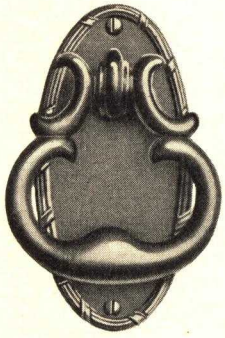
CUTS ONE-THIRD SIZE



Nos. OD90 and OD69



No. OD1099



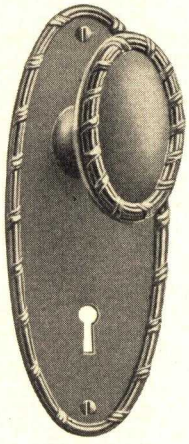
No. OD1425



No. OD1349



No. OD812



Nos. OD85 and OD69

No.	Size	Article
OD69	2¾ x 1⅝ in.	Door knob
OD81	5¼ x 1½ "	Escutcheon for French door locks
OD85	6¾ x 2½ "	" " 3½ to 4½ in. locks
OD90	11 x 3 "	" " 4¾ " 7 " "
OD224	2⅜ in. dia.	Knob rose
OD316	16¼ x 3½ in.	Handle
OD549	11 x 3 "	Door pull (grip No. 20)
OD812	2 x 1⅛ "	Key plate for door locks
OD854	6¾ x 2½ "	Cup for sliding door locks
OD1099	1⅞ x 4¼ "	Drawer pull, drop
OD1349	1⅞ x 4¼ "	Sash lift, flush
OD1413	4¼ x 1¾ "	Push button
OD1416	5 x 2¼ "	" "
OD1425	4¾ x 3 "	Door knocker
OD1531	2½ x 6⅝ "	Letter box plate, outside
OD1730	11 x 3 "	Push plate
OD6354*	4⅜ x 1¼ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

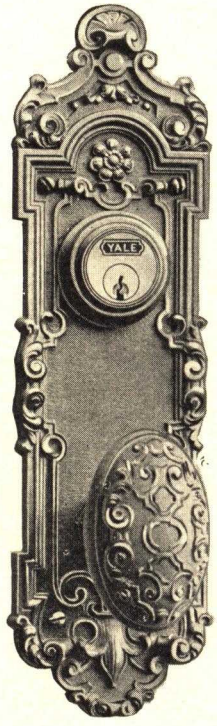
Flemish Renaissance School

DORTRECHT DESIGN

Symbol PD

Cast Bronze, Brass and Iron

Standard Finishes:
AY24; BY14; BY24; BX67; FX80
For finishes, see page XXV.



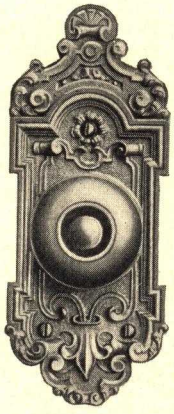
Nos. PD90 and PD67



No. PD1349



No. PD812



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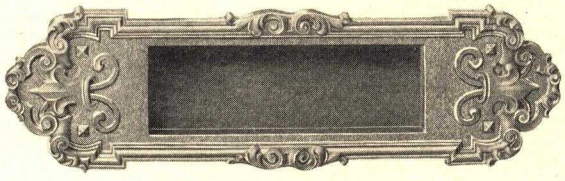


No. PD1532



Nos. PD87 and PD67

No.	Size	Article
PD67	2⅝ x 1⅝ in.	Door knob
PD69	3 x 1⅞ "	" "
PD81	5⅜ x 1⅜ "	Escutcheon for French door locks
PD87	8½ x 2½ "	" " 3½ to 4¼ in. locks
PD88	9 x 2½ "	" " 4¼ " 5½ " "
PD90	11⅛ x 3⅛ "	" " 5 " 6½ " "
PD223	2¼ in. dia.	Knob rose
PD316	18¾ x 3¼ in.	Handle (page 137)
PD554	11⅛ x 3⅛ "	Door pull (grip No. 6)
PD812	2⅞ x 1¼ "	Key plate for door locks
PD854	8½ x 2½ "	Cup for sliding door locks
PD1099	1¾ x 5½ "	Drawer pull, drop
PD1349	1¾ x 5½ "	Sash lift, flush
PD1416	6⅛ x 2½ "	Push button
PD1427	10⅞ x 3 "	Door knocker with peephole (page 233)
PD1532	2½ x 8¾ "	Letter box plate, outside
PD1552	2½ x 8½ "	" " hood, inside
PD1730	11⅛ x 3⅛ "	Push plate
PD3305*	2⅞ x 1¼ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

French Renaissance School

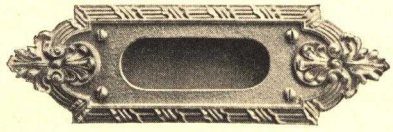
DREUX DESIGN

Symbol SD

Cast Bronze or Brass

Standard Finishes:
BY24; SY52
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



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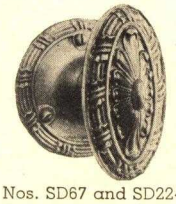
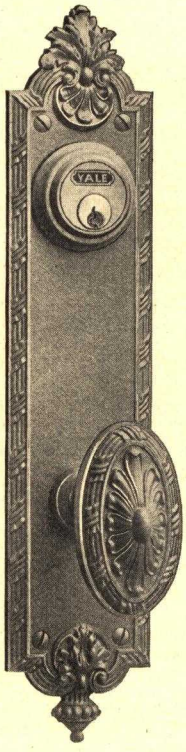


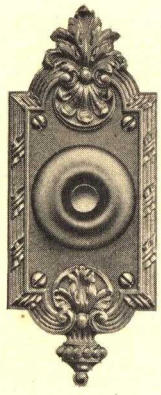
Nos. SD67 and SD224



Nos. SD90 and SD67



Nos. SD820 and 35



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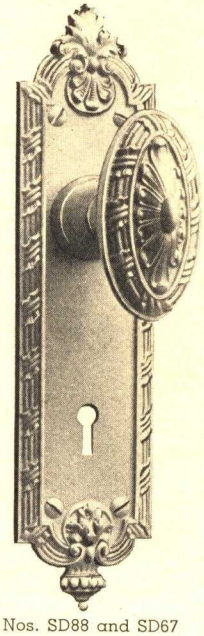


Nos. SD88 and SD67

No.	Size	Article
SD67	2¾ x 1⅜ in.	Door knob
SD81	5¾ x 1 3/16 "	Escutcheon for French door locks
SD87	8½ x 2 "	" " 3½ to 4¼ in. locks
SD88	9½ x 2½ "	" " 3½ " 5 " "
SD90	12 x 2½ "	" " 5 " 7 " "
SD160	6⅜ x 1⅜ "	Cremone bolt (page 192)
SD167	6⅜ x 1⅜ "	" " (" 192)
SD224	2⅜ in. dia.	Knob rose
SD545	12 x 2½ in.	Door pull (grip No. 7)
SD812†	3 x 1¼ "	Key plate for door locks
SD820*	4⅛ x 1⅛ "	Plate cut for key and turn knob
SD823	2⅝ x 1⅜ "	Key plate, with drop
SD854	9¼ x 2½ "	Cup for sliding door locks
SD935	3¾ "	Lever handle (page 162)
SD1173	3¼ x 2¼ "	Cylinder and indicator plate (page 318)
SD1349	2 x 6⅛ "	Sash lift, flush
SD1416	6 x 2½ "	Push button
SD1730	12 x 2½ "	Push plate
SD1730	16 x 3½ "	" "
SD1730	18¼ x 3½ "	" "
SD3205*	3 x 1¼ "	Plate cut for turn knob

* Does not include turn knob.
†Cannot be used with any lock having less than 2¾ in. spacing.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

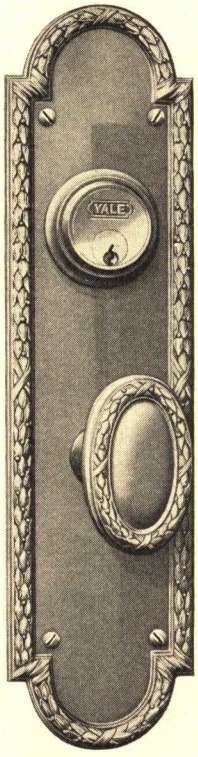
Louis XVI School

DROUET DESIGN

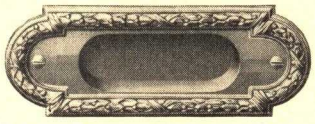
Symbol TD

Cast Bronze or Brass

Standard Finishes:
AY22; BY14; SY804; GY12
For finishes, see page XXV.



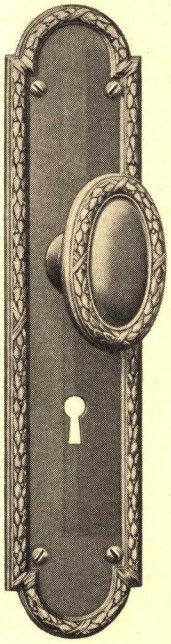
Nos. TD90 and TD67



No. TD1349



No. TD812



Nos. TD89 and TD67

No.	Size	Article
TD67	2⅝ x 1⅝ in.	Door knob
TD81	5⅝ x 1¼ "	Escutcheon for French door locks
TD89	10 x 2⅜ "	" " 3½ to 5 in. locks
TD90	11⅝ x 3 "	" " 5 " 7 " "
TD160	7 x 1½ "	Cremone bolt
TD224	2⅜ in. dia.	Knob rose
TD812	2⅝ x 1⅛ in.	Key plate for door locks
TD820*	3¼ x 1¼ "	Plate cut for key and turn knob
TD823	2⅝ x 1 3/16 "	Key plate with drop, for door locks
TD854	9⅞ x 2¼ "	Cup for sliding door locks
TD1099	1¾ x 4¾ "	Drawer pull, drop
TD1133	2 in. dia.	Cylinder plate
TD1349	1¾ x 4¾ in.	Sash lift, flush
TD1413	5 x 2¼ "	Push button
TD1427	9⅞ x 2¼ "	Door knocker with peephole (page 233)
TD1730	11⅝ x 3 "	Push plate
TD1730	14 x 3 "	" "
TD3205*	2⅝ x 1⅛ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Greek School

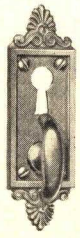
EPHESUS DESIGN

Symbol LE

Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY24; BX67
For finishes, see page XXV.

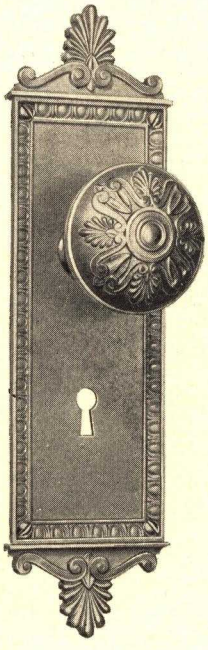
CUTS ONE-THIRD SIZE



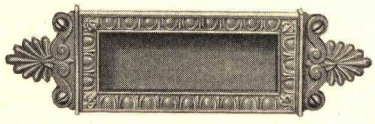
Nos. LE820 and 35



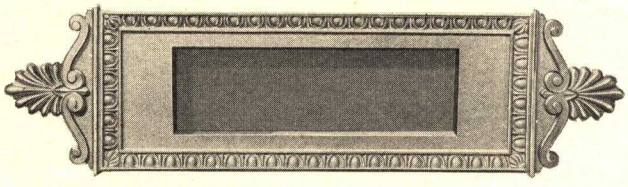
No. LE812



Nos. LE88 and LE15



No. LE1349



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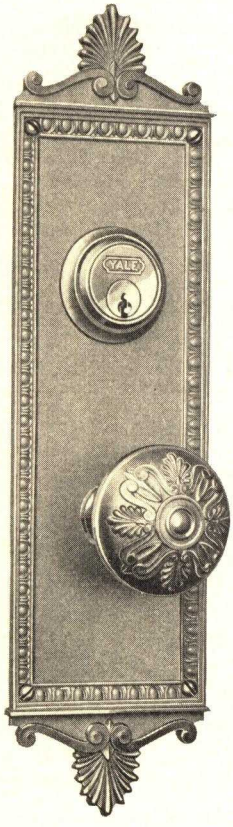


Nos. LE90 and LE15

No.	Size	Article
LE15	2¼ in. dia.	Door knob
LE17	2½ " "	" "
LE87	8 x 1¾ in.	Escutcheon for 3½ in. locks only
LE88	9¾ x 2⅝ "	" " 3½ to 4¾ in. locks
LE89	10½ x 2¾ "	" " 4 " 4¾ " "
LE90	12⅜ x 3¼ "	" " 5 " 7 " "
LE92	14⅛ x 3⅜ "	" " 5 " 7 " "
LE537	17½ x 3⅜ "	Door pull
LE542	12⅜ x 3¼ "	" "
LE812	3 x 1 "	Key plate for door locks
LE820*	3½ x 1 1/16 "	Plate cut for key and turn knob
LE854	9½ x 2⅝ "	Cup for sliding door locks
LE1099	1¾ x 5⅞ "	Drawer pull, drop
LE1349	1⅝ x 5⅝ "	Sash lift, flush
LE1416	6¼ x 2⅝ "	Push button
LE1532	2⅝ x 9¾ "	Letter box plate, outside
LE1552	2¾ x 9⅞ "	Letter box hood, inside
LE1730	17½ x 3⅜ "	Push plate
LE7245	4½ x 1⅛ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

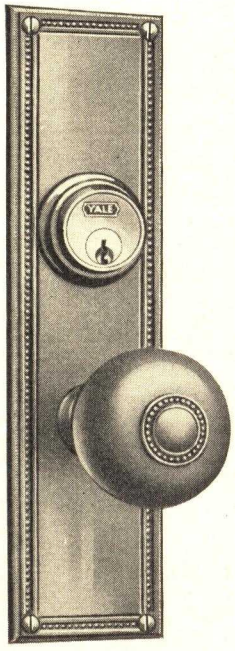
Colonial School

FAIRFAX DESIGN

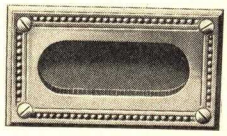
Symbol PF

Cast Bronze or Brass

Standard Finishes:
AZ10; AY22; BZ10; BY22; BY24
For finishes, see page XXV.



Nos. PF89 and PF37



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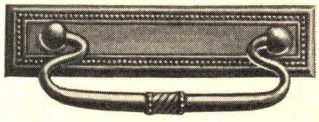
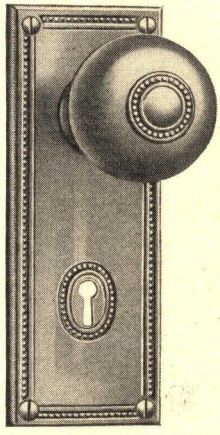


No. PF1099



Nos. PF84 and PF35

No.	Size	Article
PF33	1¾ in. dia.	Door knob
PF35	2¼ " "	" "
PF37	2½ " "	" "
PF81	4⅞ x 1⅛ in.	Escutcheon for French door locks
PF84	6⅝ x 2½ "	" " 3½ to 4¼ in. locks
PF87	8⅝ x 2 "	" " 4½ " 5½ " "
PF89	10 x 2½ "	" " 5 " 7 " "
PF91	13½ x 3¼ "	" " 5 " 7 " "
PF160	6½ x 1½ "	Cremone bolt
PF167	6½ x 1½ "	" "
PF220	2 in. dia.	Knob rose
PF316	18 x 3⅜ in.	Handle (page 141)
PF566	13½ x 3¼ "	Door pull (grip No. 20)
PF854	8 x 3 "	Cup for sliding door locks
PF1062	1⅜ x 3¼ "	Drawer pull, surface
PF1099	1 x 4⅞ "	" " drop
PF1305*	1⅞ x 1¼ "	Plate cut for turn knob
PF1344	1½ x 3 "	Sash lift, flush
PF1348	1⅞ x 3⅜ "	" " "
PF1360	2 x 7 "	" " bar
PF1362	1½ x 4¾ "	" " "
PF1416	4½ x 2⅝ "	Push button
PF1531	2½ x 6½ "	Letter box plate, outside
PF1730	13½ x 3¼ "	Push plate
PF1730	18 x 3½ "	" "
PF1812	1⅝ x 1⅛ "	Key plate for door locks
PF2634	13⅝ x 2 "	Handle (page 127)
PF4005*	3⅛ x ⅞ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Louis XV School

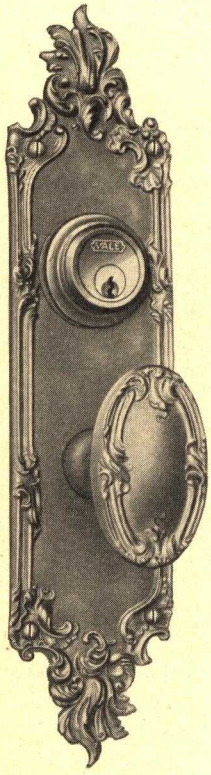
FLEURY DESIGN

Symbol HF

Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
AY21; BY14; BY21; SY52; FX80
For finishes, see page XXV.

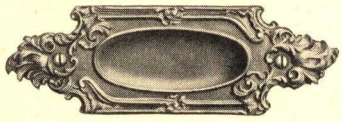
CUTS ONE-THIRD SIZE



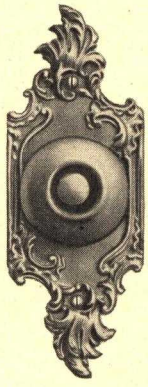
Nos. HF90 and HF67



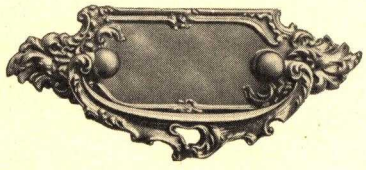
No. HF812



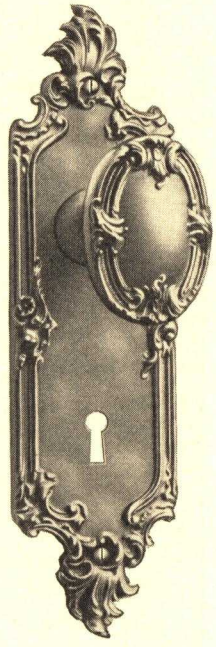
No. HF1349



No. HF1416



No. HF1099



Nos. HF89 and HF67

No.	Size	Article
HF67	2⅝ x 1⅝ in.	Door knob
HF69	3 x 1¾ "	" "
HF81	6 x 1¼ "	Escutcheon for French door locks
HF87	8½ x 1½ "	" " 3½ in. locks only
HF88	9 x 2¼ "	" " 4 to 5 in. locks
HF89	10 x 2¾ "	" " all inside door locks
HF90	12 x 2¾ "	" " 5 to 7 in. locks
HF160	6½ x 1⅝ "	Cremone bolt
HF167	6½ x 1⅝ "	" "
HF223	2¼ in. dia.	Knob rose
HF316	18 x 2⅝ in.	Handle
HF545	12 x 2¾ "	Door pull (grip No. 7)
HF812	3¼ x 1¼ "	Key plate for door locks
HF854	10 x 2¾ "	Cup for sliding door locks
HF963	2⅞ in.	Lever handle (page 164)
HF965	3¾ "	" "
HF970	5 "	" "
HF1099	1¾ x 5⅝ in.	Drawer pull, drop
HF1349	1¾ x 5⅝ "	Sash lift, flush
HF1416	5⅞ x 2¼ "	Push button
HF1730	12 x 2¾ "	Push plate
HF1730	18 x 2⅝ "	" "
HF6355*	4¾ x 1¼ "	Plate cut for turn knob

* Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

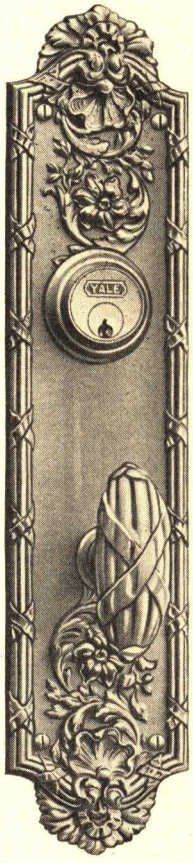
Louis XVI School

FONTAINE DESIGN

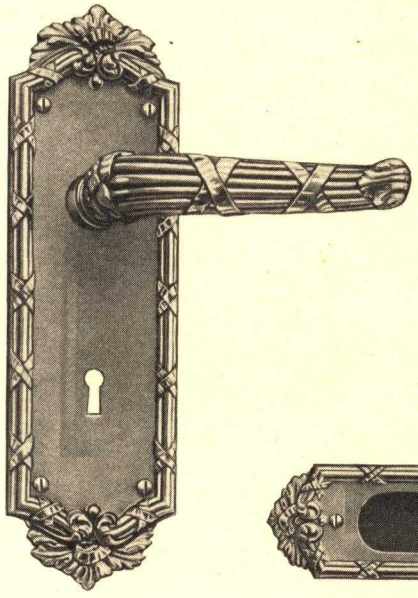
Symbol RF

Cast Bronze or Brass

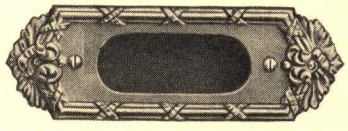
Standard Finishes:
AY21; AY52; BY14; BY21; SY52.
For finishes, see page XXV.



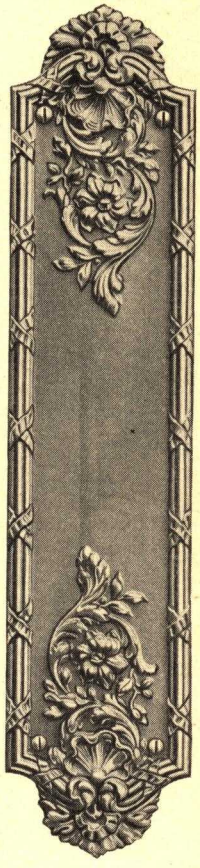
Nos. RF91 and RF69



Nos. RF88 and RF965



No. RF1349



No. RF1730
13½ x 3 inches

No.	Size	Article
RF69	3⅛ x 1¼ in.	Door knob
RF88	9¼ x 2¾ "	Escutcheon for 3½ to 5 in. locks.
RF91	13½ x 3 "	" " 5 " 7 " "
RF854	9¼ x 2¾ "	Cup for sliding door locks
RF965	4¼ in.	Lever handle
RF1349	1¾ x 5⅜ in.	Sash lift, flush
RF1730	9¼ x 2¾ "	Push plate
RF1730	13½ x 3 "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

Greek School

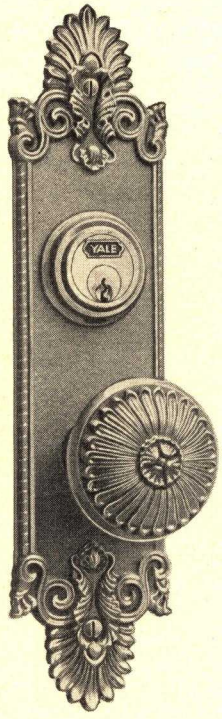
GARDO DESIGN

Symbol LG

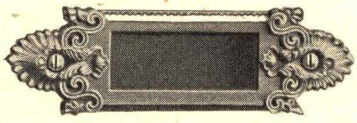
Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY14; BY24.
For finishes, see page XXV.

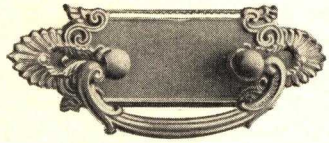
CUTS ONE-THIRD SIZE



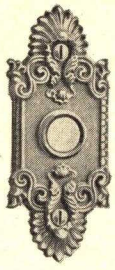
Nos. LG90 and LG35



No. LG1349



No. LG1099



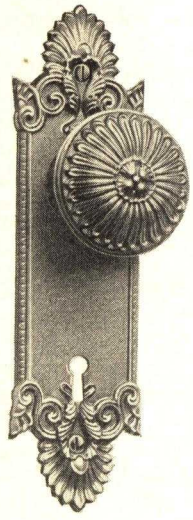
No. LG1413



No. LG812



Nos. LG35 and LG223



Nos. LG87 and LG35

No.	Size	Article
LG35	2¼ in. dia.	Door knob
LG37	2½ " "	" "
LG81	5½ x 1⅜ in.	Escutcheon for French door locks
LG87	7⅞ x 2¼ "	" " 3½ to 4 in. locks
LG88	9⅜ x 2⅛ "	" " 4¼ " 5 " "
LG90	11 x 2⅝ "	" " 5 " 7 " "
LG223	2¼ in. dia.	Knob rose
LG316	18 x 3¼ in.	Handle (page 137)
LG547	12¼ x 2¾ "	Door pull (grip No. 81)
LG812	3 x 1⅜ "	Key plate for door locks
LG854	8 x 2¼ "	Cup for sliding door locks
LG1099	1⅝ x 5 "	Drawer pull, drop
LG1349	1⅝ x 5½ "	Sash lift, flush
LG1413	4 x 1⅝ "	Push button
LG1416	5⅞ x 2¼ "	" "
LG1533	2¼ x 9⅜ "	Letter box plate, outside
LG1543	2¼ x 9⅜ "	" " " inside
LG1553	2¼ x 9⅜ "	" " hood, inside
LG1730	11 x 2⅝ "	Push plate
LG1730	12¼ x 2¾ "	" "
LG1730	17¾ x 3⅛ "	" "
LG5245*	3½ x 1⅛ "	Plate cut for turn knob

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

Adam School

GATESHEAD DESIGN

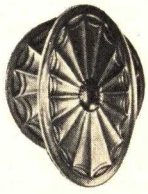
Symbol MG

Cast Bronze or Brass

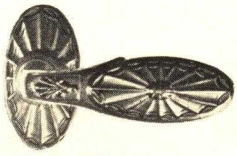
Standard Finishes:
AZ10; AY22; SY10.
For finishes, see page XXV.



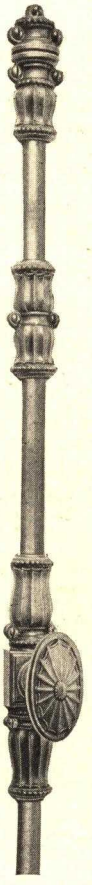
Nos. MG136 and MG323



Nos. MG67 and MG323



Nos. MG963 and MG275



No. MG160
(Cut quarter size)



No. MG812



No. MG816



No. MG1812



No. MG3812



No. MG1133



No. MG3823



Nos. MG1605 and 54

No.	Size	Article
MG67	2¾ x 1½ in.	Door knob with French shank
MG136	2⅜ in. dia.	" " " " "
MG160	6½ x 1 9/16 in.	Cremone bolt
MG167	6½ x 1 9/16 "	" "
MG275	2½ x 1⅜ "	Rose for lever handle
MG323	2¼ in. dia.	" " MG67 door knob
MG812	1¾ x 1 5/16 in.	Key plate for door locks
MG816	1 9/16 in. dia.	" " " " "
MG854	9 x 2¼ in.	Cup for sliding door locks
MG963	3⅝ in.	Lever handle
MG1133	2¼ in. dia.	Cylinder plate
MG1173	3 x 2⅜ in.	" " " with indicator (page 318)
MG1407	2¼ in. dia.	Push button
MG1605*	1½ " "	Rose for turn knob
MG1812	1⅞ x 1 3/16 in.	Key plate for door locks
MG3812	2½ x 1⅛ "	" " " " "
MG3823	2½ x 1⅛ "	" " with drop, for door locks
MG4534	13¾ x 3 "	Handle (page 123)

*Does not include turn knob. For turn knobs, add ½ to list number.

Colonial School

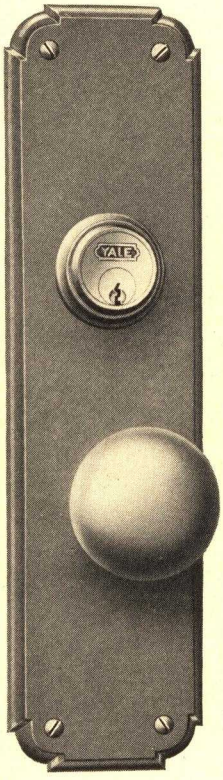
GROTON DESIGN

Symbol RG

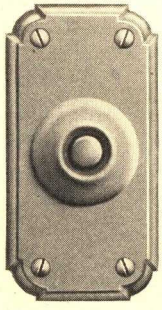
Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
AZ10; AY22; BZ10; BY22; FX80.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



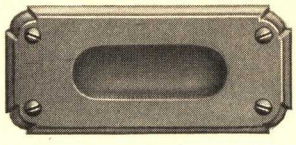
Nos. RG90 and D35



No. RG1416



No. RG812



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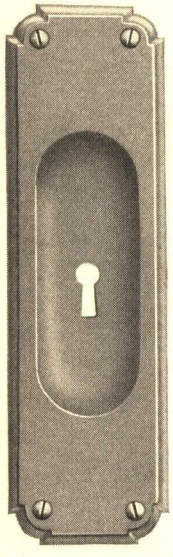
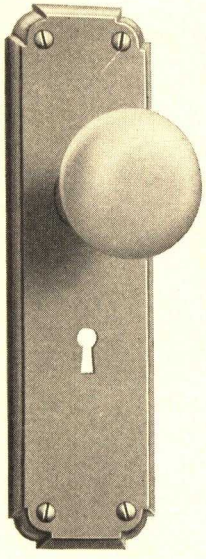


No. RG854



Nos. RG87 and D35

No.	Size	Article
D35	2¼ in. dia.	Door knob, wrought reinforced
D37	2½ " "	" " " "
RG87	8½ x 2½ in.	Escutcheon for 3½ to 5½ in. locks
RG90	12 x 3¼ "	" " 5 " 7 " "
RG554	12 x 3¼ "	Door pull (grip No. 4)
RG812	2¼ x 1⅛ "	Key plate for door locks
RG854	8½ x 2½ "	Cup for sliding door locks
RG1099	2 x 4½ "	Drawer pull, drop
RG1349	2 x 4½ "	Sash lift, flush
RG1416	4¾ x 2½ "	Push button
RG1730	12 x 3¼ "	Push plate

For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

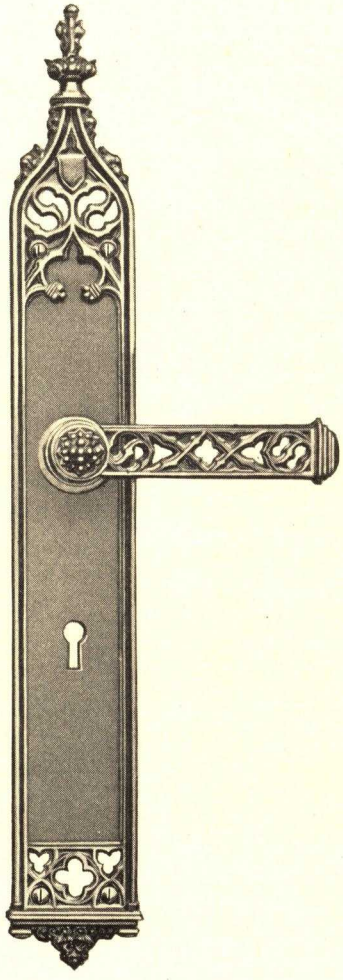
French Gothic School

GUISE DESIGN

Symbol QG

Cast Bronze or Brass

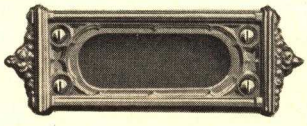
Standard Finishes:
AY21; AY22; BY21; SY52.
For finishes, see page XXV.



Nos. QG92 and QG942



No. QG812



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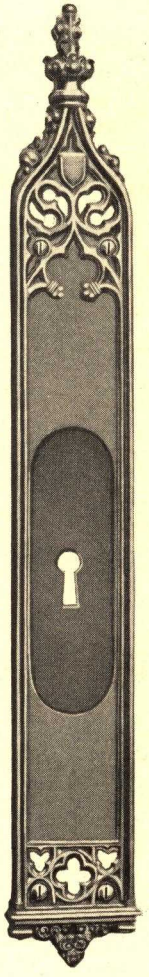


No. QG854

No.	Size	Article
QG92	15 x 2⅛ in.	Escutcheon for all inside door locks
QG812	3 x 1 "	Key plate for door locks
QG854	14¾ x 2 "	Cup for sliding door locks
QG942	4 in.	Lever handle
QG1349	1¾ x 4¾ in.	Sash lift, flush
QG1730	15 x 2⅛ "	Push plate
QG1730	17 x 2⅛ "	" "
QG11362	1⅝ x 3½ "	Sash lift, bar, locking

For escutcheon plates, with turn knobs, add ½ to list number.

Tudor Gothic School

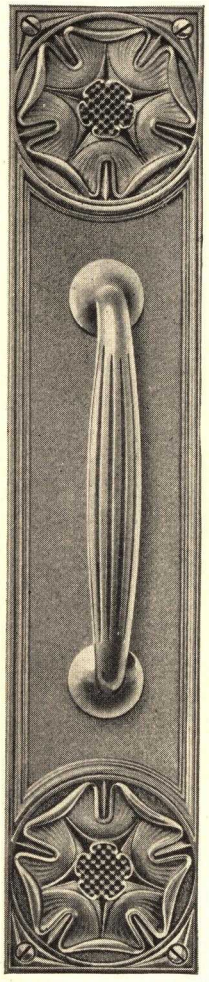
HATTON DESIGN

Symbol OH

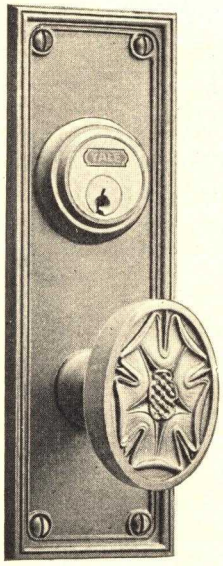
Cast Bronze or Brass

Standard Finishes:
BX12; BY14; SY52.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



No. OH568



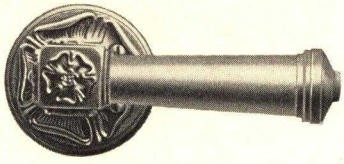
Nos. OH89 and OH67



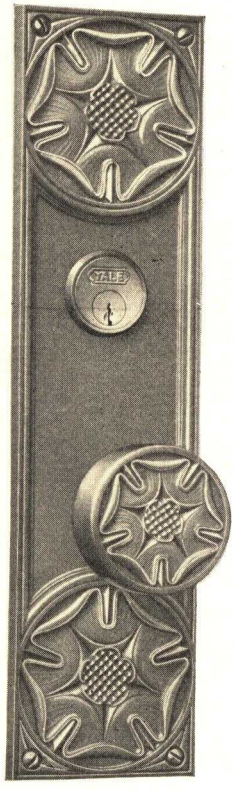
Nos. OH15 and OH224



No. OH1344



Nos. OH949 and OH224



Nos. OH90 and OH15

No.	Size	Article
OH15	2¼ in. dia.	Door knob
OH67	2½ x 1¾ in.	" "
OH86	7¾ x 2½ "	Escutcheon for 3½ to 5½ in. locks
OH89	8½ x 3 "	" " 4½ " 6½ " "
OH90	12 x 3 "	" " 4½ " 6½ " " (with rosettes)
OH224	2⅜ in. dia.	Knob rose
OH532	12 x 3 in.	Door pull (grip No. 132)
OH568	15 x 3 "	" " (" " 220)
OH812	3 x ⅞ "	Key plate for door locks
OH854	7⅝ x 2½ "	Cup for sliding door locks
OH949	4 in.	Lever handle
OH1133	2¼ in. dia.	Cylinder plate
OH1344	1⅜ x 3⅞ in.	Sash lift, flush
OH1416	4⅜ x 2½ "	Push button
OH1730	12 x 3 "	" plate
OH1730	15 x 3 "	" "
OH4005*	3 x ⅞ "	Plate cut for turn knob

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

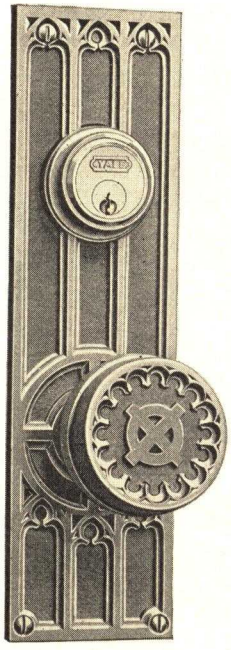
English Gothic School

HENDON DESIGN

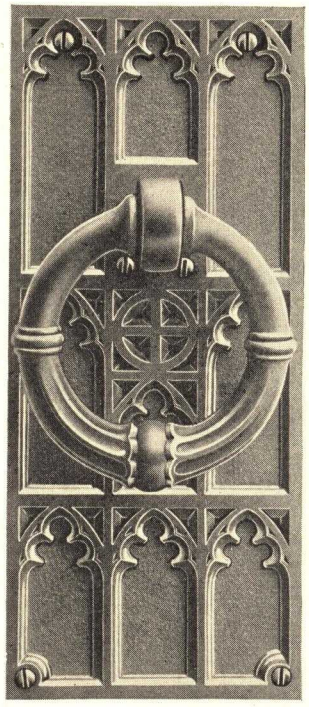
Symbol TH

Cast Bronze, Brass and Iron

Standard Finishes:
BY21; BY24; FX80.
For finishes, see page XXV.



Nos. TH89 and TH7



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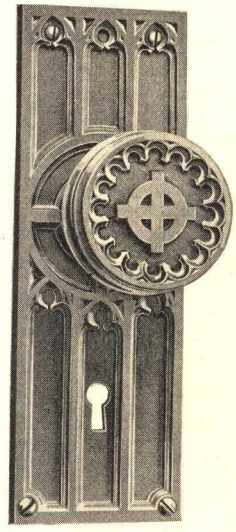


Nos. TH87 and TH7

No.	Size	Article
TH7	2½ in. dia.	Door knob
TH87	8 x 2¾ in.	Escutcheon for 2¼, 2½ and 2¾ in. spacings only
TH89	10 x 2¾ "	" " 3, 3½ and 4 in. spacings of pin-tumbler locks
TH316	16 x 2¾ "	Handle (page 140)
TH854	8⅝ x 2¾ "	Cup for sliding door locks
TH1413	3 x 1⅝ "	Push button
TH1425	10⅞ x 4½ "	Door knocker
TH1427	8 x 2¾ "	" " with peephole
TH1730	10 x 2¾ "	Push plate
TH1730	16¾ x 2⅝ "	" "

Colonial School

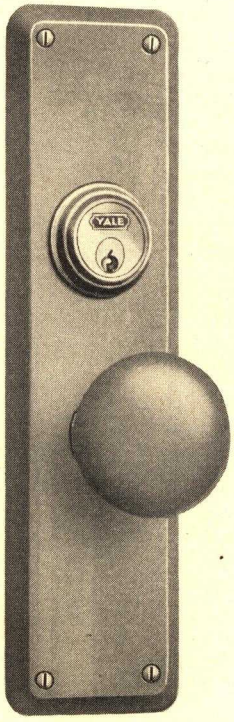
INWOOD DESIGN

Symbol LI

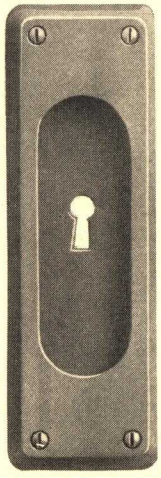
Cast Bronze, Brass and Iron

For finishes, see page XXV.

CUTS ONE-THIRD SIZE



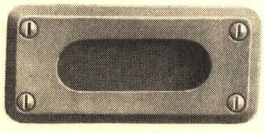
Nos. LI90 and D35



No. LI854



No. LI1413



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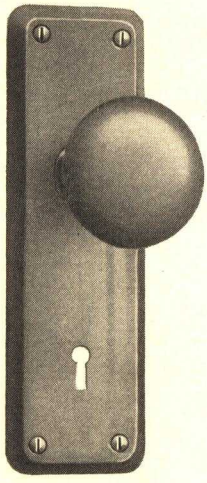


Nos. LI86 and D35

No.	Size	Article
D35	2¼ in. dia.	Door knob, wrought reinforced
D37	2½ " "	" " " "
LI86	7¼ x 2⅜ in.	Escutcheon for 3½ to 5½ in. locks
LI87	8½ x 2¾ "	" " 3½ " 5½ " "
LI90	11 x 3 "	" " 5 " 7 " "
LI526	15 x 3 "	Door pull, word "PULL" at top (grip No. 36)
LI531	11 x 3 "	" " (grip No. 132)
LI854	7¼ x 2⅜ "	Cup for sliding door locks
LI1349	1⅞ x 4 "	Sash lift, flush
LI1355	1 9/16 x 5 "	" " bar
LI1413	3 x 1½ "	Push button
LI1531	2⅜ x 6⅝ "	Letter box plate, outside
LI1551	2⅝ x 6⅝ "	" " hood, inside
LI1730	11 x 3 "	Push plate
LI1730	15 x 3 "	" "
LI1736	15 x 3 "	" " word "PUSH" at top

For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

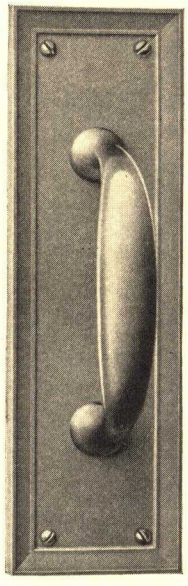
Modern School

JACKSON DESIGN

Symbol OJ

Cast Bronze, Brass and Iron

Standard Finishes:
AY21; BY21; BY65; FX80.
For finishes, see page XXV.



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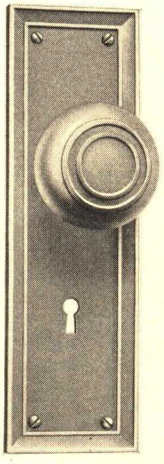
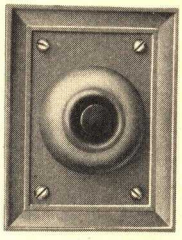


Nos. OJ85 and OJ35



No. OJ1133



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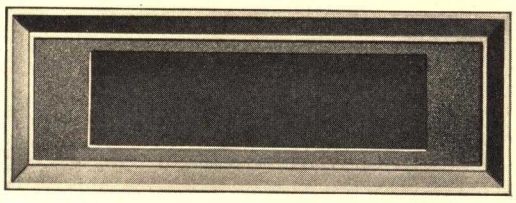

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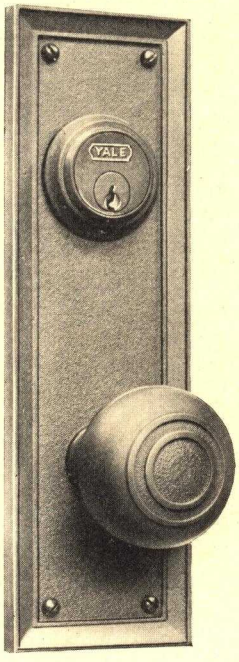


Nos. OJ88 and OJ35

No.	Size	Article
OJ35	2¼ in. dia.	Door knob
OJ37	2½ " "	" "
OJ85	7 x 2½ in.	Escutcheon for 3½ to 4½ in. locks
OJ88	9 x 2¾ "	" " " 4½ " 6½ " "
OJ233	2¼ x 2¼ "	Knob rose
OJ530	9 x 2¾ "	Door pull (grip No. 132)
OJ536	16 x 3½ "	" " (" " 134)
OJ854	9 x 2¾ "	Cup for sliding door locks
OJ1133	3½ x 2¾ "	Cylinder plate
OJ1416	3½ x 2¾ "	Push button
OJ1532	2¾ x 8 "	Letter box plate, outside
OJ1542	2¾ x 8 "	" " " inside
OJ1552	2⅞ x 8 "	" " hood, inside
OJ1565	9 x 2¾ "	" hole plate, chute and back plate, vert. (page 238)
OJ1569	10 x 3⅛ "	" " " " " " " (page 239)
OJ1579	10 x 3⅛ "	" " " " " " hood (page 239)
OJ1730	9 x 2¾ "	Push plate
OJ1730	16 x 3½ "	" "
OJ8234	19¾ x 2¾ "	Handle (page 129)
OJ35616	16 x 3½ "	" (" 138)

For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 109.

Louis XVI School

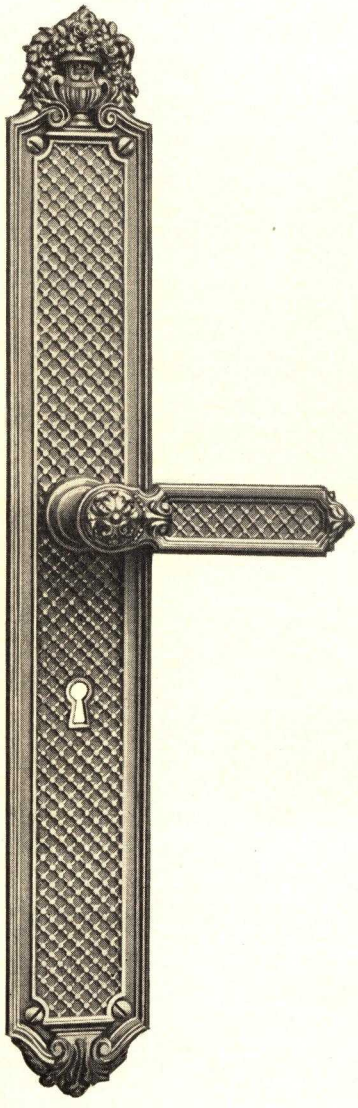
JOIGNY DESIGN

Symbol QJ

Cast Bronze or Brass

Standard Finishes:
AY21; BY14; BY21; SY52.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



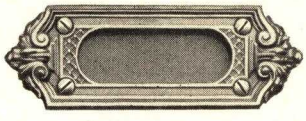
Nos. QJ93 and QJ942



Nos. QJ67 and QJ322



No. QJ812



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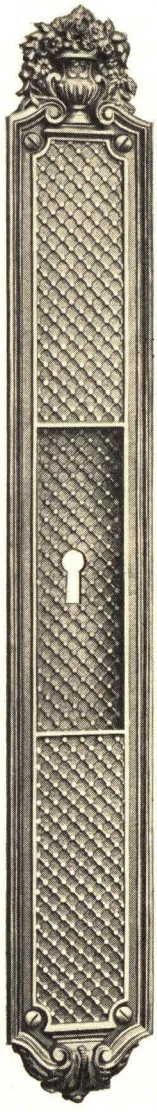


No. QJ854

No.	Size	Article
QJ67	2½ x 1½ in.	Door knob
QJ90	12 x 2 "	Escutcheon for all inside locks
QJ93	17 x 2¼ "	" " " " "
QJ322	2 in. dia.	Knob rose
QJ812	2½ x 1¼ in.	Key plate for door locks
QJ854	17 x 2¼ "	Cup for sliding door locks
QJ942	3⅞ in.	Lever handle
QJ1133	2 in. dia.	Cylinder plate
QJ1349	1⅝ x 4¾ in.	Sash lift, flush
QJ1730	17 x 2¼ "	Push plate

For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

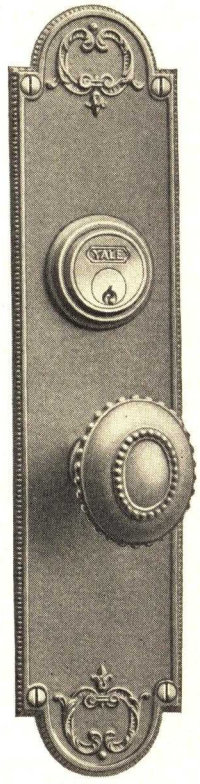
Louis XVI School

JOURDAN DESIGN

Symbol PJ

Cast Bronze or Brass

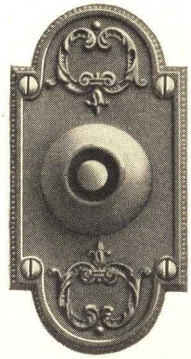
Standard Finishes:
AZ10; AY22; BY14; BY24; AY52.
For finishes, see page XXV.



Nos. PJ90 and PJ65



No. PJ854



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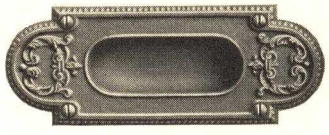
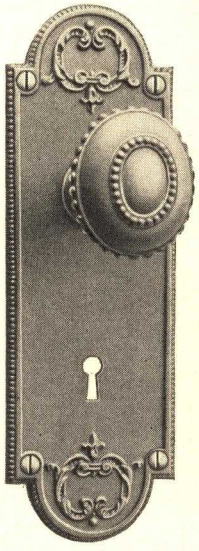


No. PJ1349



Nos. PJ87 and PJ65

No.	Size	Article
PJ65	2⅜ x 1⅞ in.	Door knob
PJ87	8½ x 2¾ "	Escutcheon for 3½ to 4¾ in. locks
PJ90	12⅛ x 2¾ "	" " 5 " 7 " "
PJ812	2⅜ x ⅞ "	Key plate for door locks
PJ854	8½ x 2¾ "	Cup for sliding door locks
PJ1099	1¼ x 4 "	Drawer pull, drop
PJ1349	2 x 5⅛ "	Sash lift, flush
PJ1416	5½ x 2¾ "	Push button
PJ1505	2⅛ x 8 "	Letter box plate, outside
PJ1730	8½ x 2¾ "	Push plate
PJ1730	12⅛ x 2¾ "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

Modern School

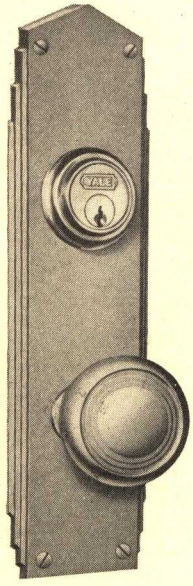
KALMAR DESIGN

Symbol PK

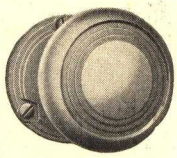
Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY24; NY21.
For finishes, see page XXV.

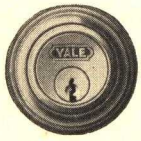
CUTS ONE-THIRD SIZE



Nos. PK88 and PK35



Nos. PK35 and PK223



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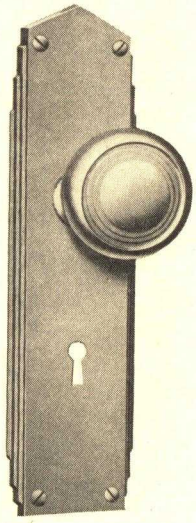


Nos. PK87 and PK35



No. PK812



Nos. PK1205 and 35

No.	Size	Article
PK35	2¼ in. dia.	Door knob
PK87	8 x 2¼ in.	Escutcheon for 3½ to 4¾ in. locks
PK88	9 x 2½ "	" " pin-tumbler locks
PK223	2⅛ in. dia.	Knob rose
PK241	2⅛ x 1⅜ in.	Rose for lever handle
PK316	18½ x 3½ "	Handle (page 139)
PK585	15 x 3½ "	Door pull (grip No. 126)
PK812	2⅛ x 1 1/16"	Key plate, for door locks
PK942	3¼ in.	Lever handle
PK1133	2⅛ in. dia.	Cylinder plate
PK1205*	2⅛ x 1 1/16 in.	Plate cut for turn knob
PK1569	9⅞ x 3⅛ "	Letter hole plate, chute and back plate
PK1579	9⅞ x 3⅛ "	" " " " " hood
PK1730	15 x 3½ "	Push plate
PK1730	18½ x 3½ "	" "

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

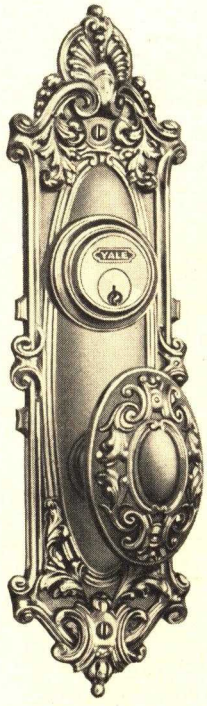
Flemish Renaissance School

LARGO DESIGN

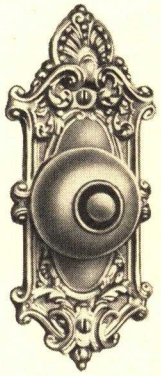
Symbol PL

Cast Bronze or Brass

Standard Finishes:
AY24; BY14; BY21; BY24.
For finishes, see page XXV.



Nos. PL89 and PL69



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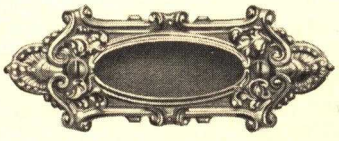

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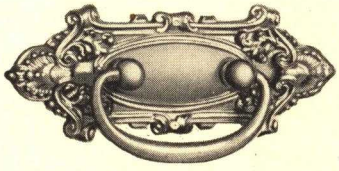
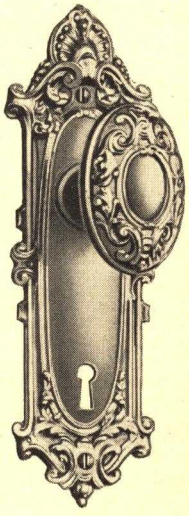


No. PL1099



No. PL812



Nos. PL87 and PL67

No.	Size	Article
PL67	2⅝ x 1⅝ in.	Door knob
PL69	3 x 1⅞ "	" "
PL81	6 9/16 x 1½ "	Escutcheon for French door locks
PL87	7⅛ x 2½ "	" " 3½ to 4½ in. locks
PL88	8¾ x 2⅜ "	" " 4¼ " 5 " "
PL89	10⅞ x 3 "	" " 5 " 7 " "
PL91	13 x 3⅝ "	" " 5 " 7 " "
PL92	15½ x 3½ "	" " 5 " 7 " "
PL223	2¼ in. dia.	Knob rose
PL316	17½ x 3⅝ in.	Handle
PL545	13 x 3 "	Door pull (grip No. 6)
PL812	2⅞ x 1¼ "	Key plate for door locks
PL854	7¾ x 2½ "	Cup for sliding door locks
PL1099	2 x 5¼ "	Drawer pull, drop
PL1349	2 x 5¼ "	Sash lift, flush
PL1413	4⅝ x 1⅝ "	Push button
PL1416	5¾ x 2½ "	" "
PL1532	2½ x 8⅛ "	Letter box plate, outside
PL1542	2½ x 8⅛ "	" " " inside
PL1730	13 x 3 "	Push plate
PL1730	15½ x 3½ "	" "
PL1730	17½ x 3⅝ "	" "
PL3305*	2⅞ x 1¼ "	Plate cut for turn knob
PL7355*	4½ x 1¼ "	" " " " "
PL8905*	5¼ x 2 "	" " " " "

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Italian Renaissance School

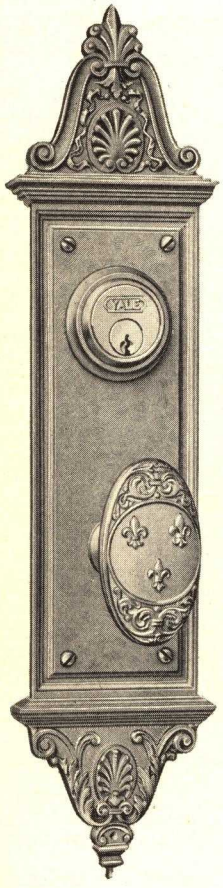
LODI DESIGN

Symbol ML

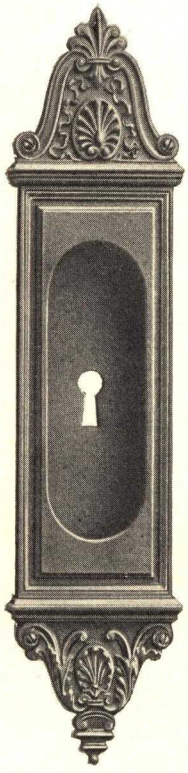
Cast Bronze, Brass and Iron

Standard Finishes:
AY24; AY52; BY14; BY24; SY52; GY10; FX80.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



Nos. ML91 and ML69



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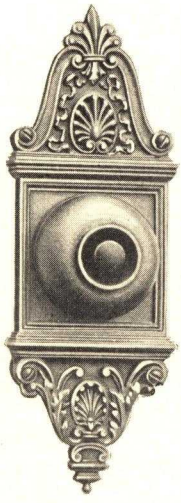

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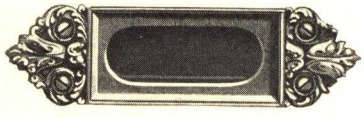


No. ML1349



Nos. ML90 and ML69

No.	Size	Article
ML69	2⅞ x 1⅝ in.	Door knob
ML81	5⅞ x 1⅛ "	Escutcheon for French door locks
ML90	11¾ x 2⅞ "	" " 3½ to 5 in. locks
ML91	13¾ x 3½ "	" " 5 " 6½ " "
ML316	20½ x 3⅝ "	Handle (page 137)
ML554	13¾ x 3½ "	Door pull (grip No. 7)
ML595	20½ x 3⅝ "	" " (" " 112)
ML854	11¾ x 2⅞ "	Cup for sliding door locks
ML1099	1 x 5¼ "	Drawer pull, drop
ML1349	1⅝ x 5⅝ "	Sash lift, flush
ML1362	1½ x 5⅞ "	" " bar
ML1416	7¾ x 2¾ "	Push button
ML1730	13¾ x 3½ "	Push plate
ML1730	20½ x 3⅝ "	" "
ML3812	3¼ x 1 "	Key plate for door locks
ML7154*	4⅝ x 1 "	Plate cut for turn knob

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

Louis XVI School

LORRAINE DESIGN

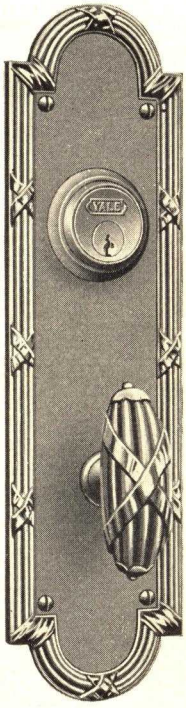
Symbol OL

Cast Bronze or Brass

Standard Finishes:
BY14; GY12; SY804.
For finishes, see page XXV.



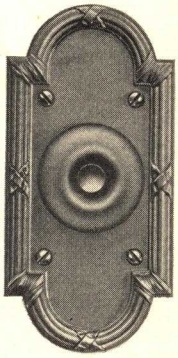
No. OL167
(Cut quarter size)



Nos. OL90 and OL69



No. OL1812



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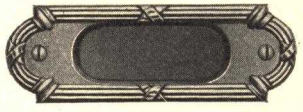

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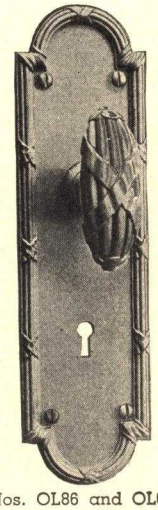
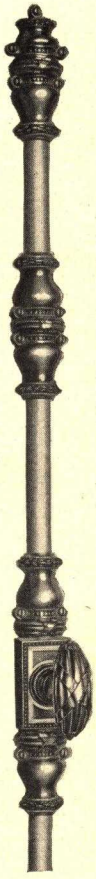


Nos. OL86 and OL67



No. OL1133



No. OL160
(Cut quarter size)

No.	Size	Article
OL67	2⅝ x 1 1/16 in.	Door knob with French shank
XOL67	2⅝ x 1⅝ "	" " " " "
OL69	3⅛ x 1¼ "	" " " " "
OL86	7½ x 2⅝ "	Escutcheon for 3½ to 4½ in. locks
OL88	9¼ x 2⅝ "	" " 4¼ " 6 " "
OL90	11 x 3 "	" " 4¾ " 7 " "
OL160	7¼ x 1 9/16 "	Cremone bolt
OL167	7¼ x 1 9/16 "	" "
OL274	2⅝ in. dia.	Rose for OL965 lever handle
OL323	2¼ " "	" " knobs with French shanks
OL820*	3⅛ x 1¼ in.	Plate cut for key and turn knob
OL823	2 x 1⅝ "	Key plate with drop
OL854	7⅜ x 2⅝ "	Cup for sliding door locks
OL960	2⅞ in.	Lever handle (page 164)
OL965	3⅝ "	" " (" 164)
OL1133	2 in. dia.	Cylinder plate
OL1349	1½ x 4⅝ in.	Sash lift, flush
OL1416	5⅜ x 2⅝ "	Push button
OL1730	11 x 3 "	" plate
OL1730	17½ x 3 "	" "
OL1812	1⅞ x 1 "	Key plate for door locks
OL2305*	2 x 1¼ "	Plate cut for turn knob

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Modern School

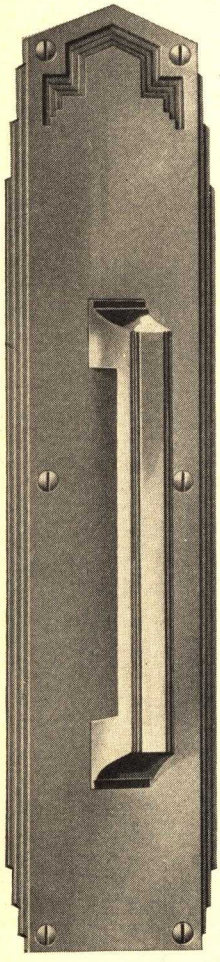
LYNATE DESIGN

Symbol TL

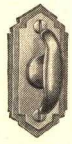
Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY24; NY21.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



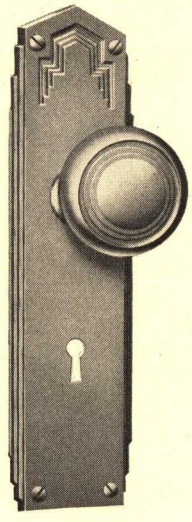
No. TL585



Nos. TL1205 and 35



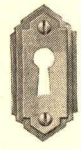
No. TL1133



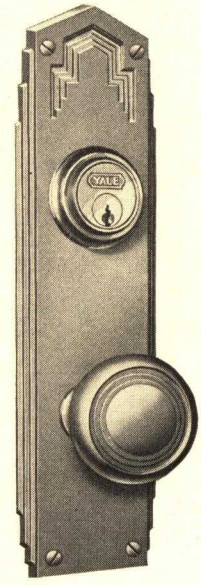
Nos. TL87 and TL35



Nos. TL35 and TL223



No. TL812



Nos. TL88 and TL35

No.	Size	Article
TL35	2¼ in. dia.	Door knob
TL87	8 x 2¼ in.	Escutcheon for 3½ to 4¾ in. locks
TL88	9 x 2½ "	" " pin-tumbler locks
TL223	2⅛ in. dia.	Knob rose
TL241	2⅛ x 1⅜ in.	Rose for lever handle
TL316	18½ x 3½ "	Handle (page 139)
TL585	15 x 3½ "	Door pull (grip No. 126)
TL812	2⅛ x 1 1/16 "	Key plate for door locks
TL942	3¼ in.	Lever handle (page 163)
TL1133	2⅛ in. dia.	Cylinder plate
TL1205*	2⅛ x 1 1/16 in.	Plate cut for turn knob
TL1569	9⅞ x 3⅛ "	Letter hole plate, chute and back plate (page 239)
TL1579	9⅞ x 3⅛ "	" " " " " hood (" 239)
TL1730	15 x 3½ "	Push plate
TL1730	18½ x 3½ "	" "

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 110.

CUTS ONE-THIRD SIZE

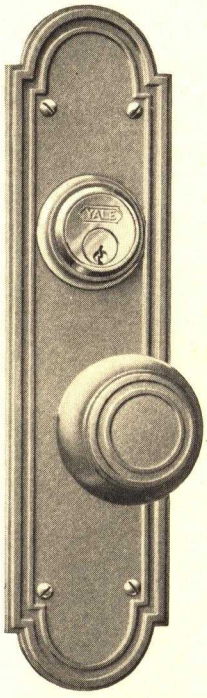
Modern School

MALAGA DESIGN

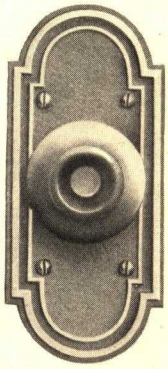
Symbol UM

Cast Bronze, Brass and Iron

Standard Finishes:
AY21; BY21; BY24; BX12; FX80.
For finishes, see page XXV.



Nos. UM89 and UM35



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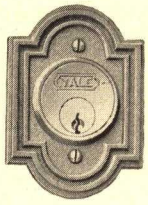
No. UM812



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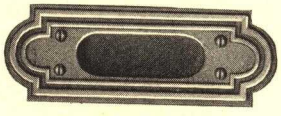

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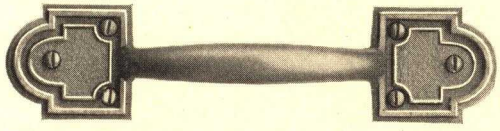

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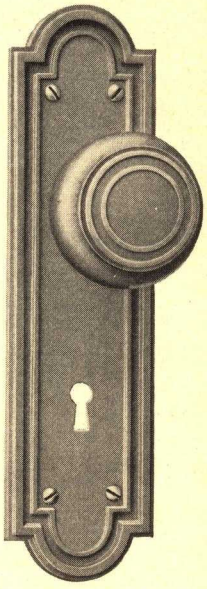


Nos. UM88 and UM35

No.	Size	Article
UM35	2¼ in. dia.	Door knob
UM37	2½ " "	" "
UM86	7¼ x 2⅜ in.	Escutcheon for 3½ to 4¼ in. locks
UM88	9 x 2½ "	" " 3½ " 5 " "
UM89	10¾ x 2¾ "	" " 4½ " 6 " "
UM90	12½ x 3¼ "	" " 5 " 7 " "
UM223	2¼ in. dia.	Knob rose
UM531	10¾ x 2¾ in.	Door pull (grip No. 132)
UM536	16½ x 3¼ "	" " (" " 134)
UM812	2¼ x 1¼ "	Key plate for door locks
UM820*	3¼ x 1¼ "	Plate cut for key and turn knob
UM850	8⅛ x 2⅝ "	Cup for sliding door locks
UM935	4⅜ in.	Lever handle (page 163)
UM1133	3 x 2⅛ in.	Cylinder plate
UM1348	1¾ x 4¾ "	Sash lift, flush
UM1365	1¾ x 7¾ "	" " bar
UM1416	5⅝ x 2½ "	Push button
UM1507	2⅞ x 10½ "	Letter box plate, outside
UM1527	3 x 10¾ "	" " hood, inside
UM1565	9 x 2⅜ "	" hole plate, chute and back plate, vert. (page 238)
UM1569	11¼ x 3¼ "	" " " " " " " (page 239)
UM1579	11¼ x 3¼ "	" " " " " " " hood (page 239)
UM1730	10¾ x 2¾ "	Push plate
UM1730	14 x 3¼ "	" "
UM1730	16½ x 3¼ "	" "
UM2305*	2¼ x 1¼ "	Plate cut for turn knob
UM4534	14½ x 2⅛ "	Handle (page 125)
UM34616	16½ x 3¼ "	" (" 136)

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Greek School

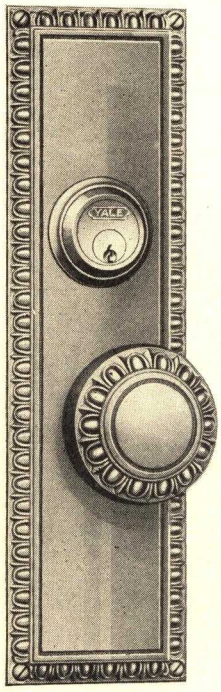
MARATHON DESIGN

Symbol GM

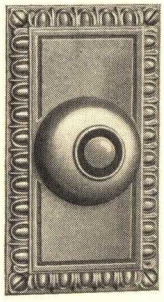
Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
BZ10; BY14; BY24; AY22; FX80.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



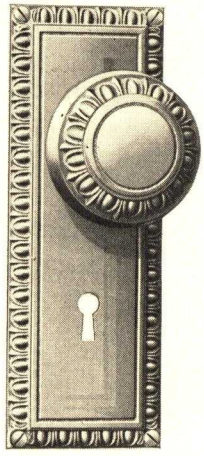
Nos. GM89 and GM35



No. GM1416



No. GM812



Nos. GM85 and GM35

No.	Size	Article
GM35	2¼ in. dia.	Door knob
GM37	2½ " "	" "
GM81	5⅛ x 1⅜ in.	Escutcheon for French door locks
GM85	7 x 2½ "	" " 3½ to 4¼ in. locks
GM88	9 x 2¾ "	" " 4½ " 6 " "
GM89	10¾ x 3⅛ "	" " 5 " 7 " "
GM90	12 x 3 "	" " 5 " 7 " "
GM223	2¼ in. dia.	Knob rose
GM532	12 x 3 in.	Door pull (grip No. 132)
GM535	15 x 3 "	" " (" " 134)
GM812	2 x 1¼ "	Key plate for door locks
GM820*	2¾ x 1⅛ "	Plate cut for key and turn knob
GM854	7 x 2½ "	Cup for sliding door locks
GM1099	1⅝ x 4 "	Drawer pull, drop
GM1348	1⅝ x 3⅝ "	Sash lift, flush
GM1362	1⅝ x 5 "	" " bar
GM1416	4½ x 2½ "	Push button
GM1531	2½ x 7 "	Letter box plate, outside
GM1532	2½ x 8¼ "	" " " "
GM1551	2½ x 7½ "	" " hood, inside
GM1552	2½ x 8¾ "	" " " "
GM1730	12 x 3 "	Push plate
GM1730	15 x 3 "	" "
GM1730	18 x 3½ "	" "
GM2305*	2 x 1¼ "	Plate cut for turn knob
GM8305*	5⅛ x 1¼ "	" " " "
GM23616	15 x 3 "	Handle

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 111.

CUTS ONE-THIRD SIZE

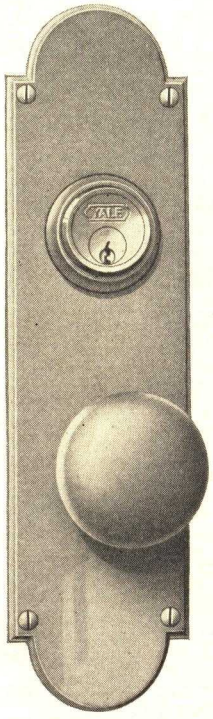
Colonial School

MEDFORD DESIGN

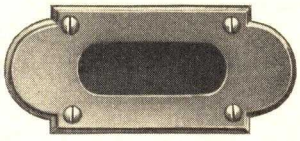
Symbol LM

Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
AZ10; AY22; BY14; BY22; FX80.
For finishes, see page XXV.



Nos. LM89 and D35



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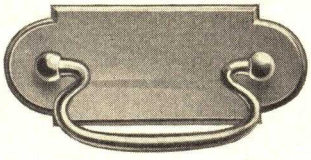

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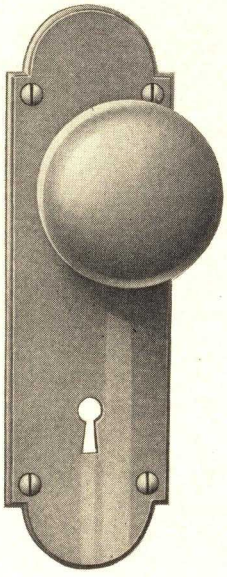
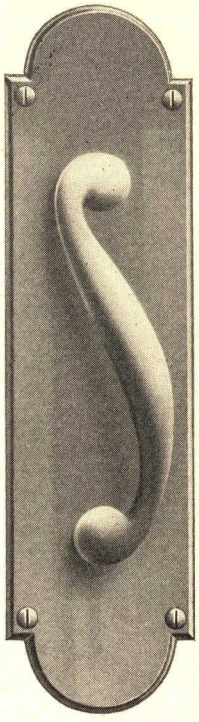


Nos. LM86 and D35



No. LM545

No.	Size	Article
D35	2¼ in. dia.	Door knob, wrought reinforced
D37	2½ " "	" " " "
LM81	5⅛ x 1 in.	Escutcheon for French door locks
LM86	7¼ x 2¼ "	" " 3½ to 4½ in. locks
LM88	8⅞ x 2½ "	" " 4½ " 5½ " "
LM89	11 x 3 "	" " 5 " 7 " "
LM316	15¾ x 4 "	Handle
LM545	11 x 3 "	Door pull (grip No. 3)
LM854	8 x 3 "	Cup for sliding door locks
LM1099	1⅞ x 4⅝ "	Drawer pull, drop
LM1349	1⅞ x 4¾ "	Sash lift, flush
LM1416	4½ x 2⅜ "	Push button
LM1730	11 x 3 "	Push plate
LM1730	15¾ x 4 "	" "
LM3812	2⅛ x ⅞ "	Key plate for door locks
LM4812	2⅜ x 1 "	" " " " "
LM6154*	4⅛ x 1 "	Plate cut for turn knob

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Italian Gothic School

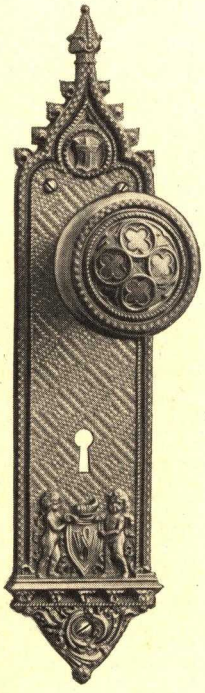
MURANO DESIGN

Symbol SM

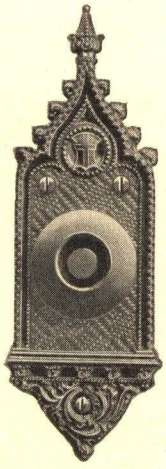
Cast Bronze or Brass

Standard Finishes:
AY22; BY14; BY22; BY24; SY52.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



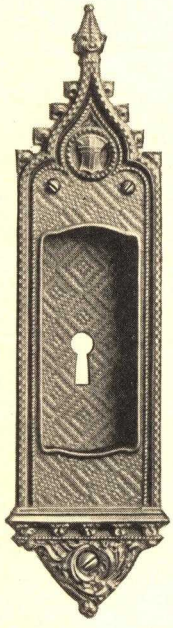
Nos. SM89 and SM35



No. SM1416



No. SM1349



No. SM854



No. SM1730

No.	Size	Article
SM35	2¼ in. dia.	Door knob
SM89	10¾ x 2⅝ in.	Escutcheon for all inside door locks
SM854	9½ x 2⅝ "	Cup for sliding door locks
SM1349	1⅞ x 5⅛ "	Sash lift, flush
SM1416	7⅛ x 2½ "	Push button
SM1730	10¾ x 2⅝ "	Push plate

For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

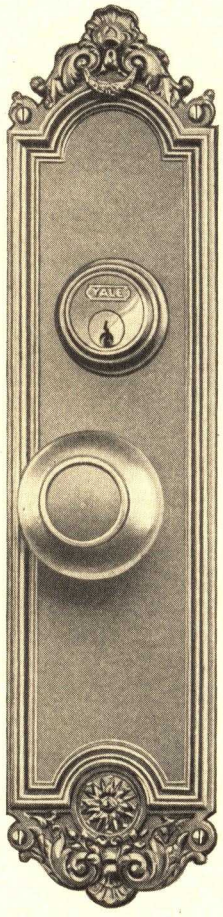
Louis XIV School

NANTES DESIGN

Symbol RN

Cast Bronze, Brass and Iron (FX80)

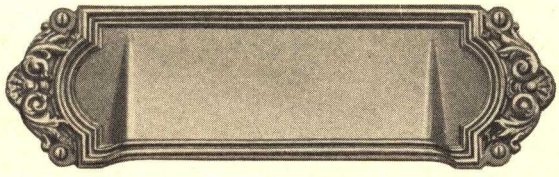
Standard Finishes:
AY21; BY21; BY24; FX80.
For finishes, see page XXV.



Nos. RN91 and RN37



No. RN1532



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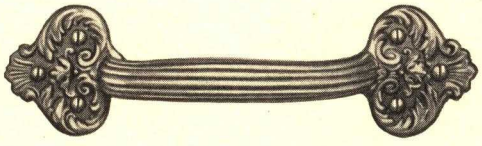

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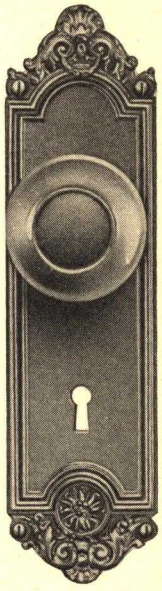


Nos. RN88 and RN35

No.	Size	Article
RN35	2¼ in. dia.	Door knob
RN37	2½ " "	" "
RN88	9 x 2½ in.	Escutcheon for 3½ to 4½ in. locks
RN91	14 x 3¼ "	" " 5 " 7 " "
RN316	19¾ x 3⅝ "	Handle
RN854	9 x 2½ "	Cup for sliding door locks
RN1360	2 x 7½ "	Sash lift, bar
RN1416	5⅞ x 2⅜ "	Push button
RN1532	2½ x 8½ "	Letter box plate, outside
RN1552	2½ x 8⅝ "	" " hood, inside
RN1730	14 x 3¼ "	Push plate
RN1730	19¾ x 3⅝ "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

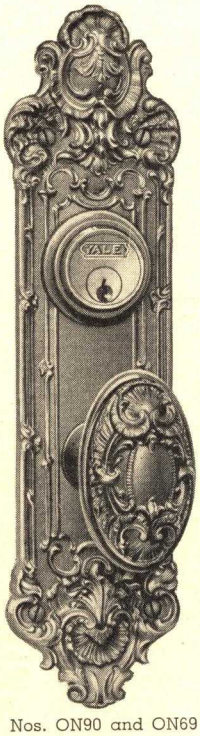
CUTS ONE-THIRD SIZE

Louis XV School
NAVARRO DESIGN

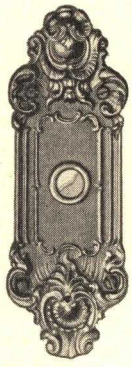
Symbol ON

Cast Bronze or Brass

Standard Finishes:
AY21; BX12; BY21; BY24.
For finishes, see page XXV.


Nos. ON90 and ON69


Nos. ON67 and ON223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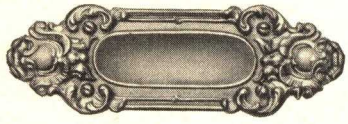
No. ON812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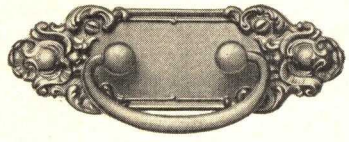
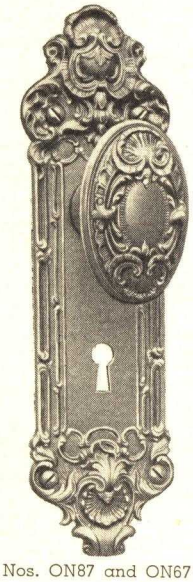

No. ON1099



No. ON1507


Nos. ON87 and ON67

No.	Size	Article
ON35	2¼ in. dia.	Door knob
ON67	2⅝ x 1⅝ in.	" "
ON69	3 x 1⅞ "	" "
ON81	6 9/16 x 1¼ "	Escutcheon for French door locks
ON86	7⅜ x 2¼ "	" " 3½ in. locks only
ON87	8⅝ x 2⅜ "	" " 3½ to 4 in. locks
ON88	9½ x 2⅜ "	" " 4¼ " 4¾ " "
ON90	11⅛ x 2⅞ "	" " 5 " 7 " "
ON91	13½ x 2⅞ "	" " 5 " 7 " "
ON223	2¼ in. dia.	Knob rose
ON316	18 x 3¼ in.	Handle (page 137)
ON545	13⅜ x 2⅞ "	Door pull (grip No. 7)
ON812	2¾ x 1 "	Key plate for door locks
ON850	8⅝ x 2½ "	Cup for sliding door locks
ON1062	1¾ x 5½ "	Drawer pull, surface
ON1099	1¾ x 5¼ "	" " drop
ON1349	1¾ x 5¼ "	Sash lift, flush
ON1413	5½ x 2 "	Push button
ON1507	2⅜ x 8¾ "	Letter box plate, outside
ON1517	2⅜ x 8¾ "	" " " inside
ON1527	2⅜ x 8¾ "	" " hood, inside
ON1730	13⅜ x 2⅞ "	Push plate
ON1730	16 x 2⅞ "	" "
ON1730	18 x 3¼ "	" "
ON5145*	3⅝ x 1 "	Plate cut for turn knob
ON6155*	4⅜ x 1 "	" " " " "

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 112.

CUTS ONE-THIRD SIZE

Georgian School

NEWCASTLE DESIGN

Symbol QN

Cast Bronze or Brass

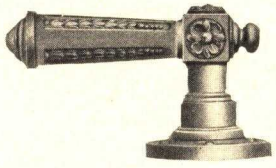
Standard Finishes:

AZ10; BY24; SY52; GY10.

For finishes, see page XXV.



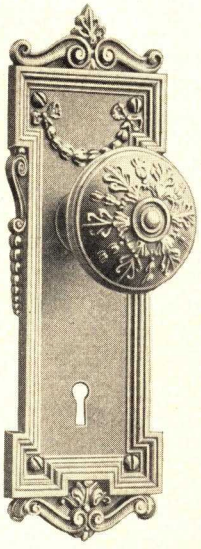
Nos. QN90 and QN35



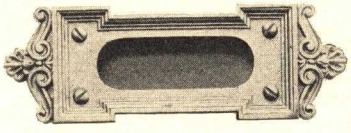
Nos. QN941 and QN322



No. QN812



Nos. QN87 and QN35



No. QN1349



No. QN5854

No.	Size	Article
QN35	2¼ in. dia.	Door knob
QN87	8½ x 2⅞ in.	Escutcheon for 3½ to 4¼ in. locks
QN89	10 x 2½ "	" " 3½ " 4½ " "
QN90	12 x 3⅜ "	" " 5 " 7 " "
QN222	2 in. dia.	Knob rose
QN322	2 " "	Rose for QN941 lever handle and French shank knobs
QN812	3 x 1⅜ in.	Key plate for door locks
QN854	8½ x 2⅞ "	Cup for sliding door locks
QN941	3¼ in.	Lever handle
QN1099	1¾ x 5¼ in.	Drawer pull, drop
QN1349	1¾ x 5¼ "	Sash lift, flush
QN1730	12 x 3⅜ "	Push plate
QN1730	13 x 2⅞ "	" "
QN5854	10 x 2½ "	Cup for sliding door locks

For escutcheon plates, with turn knobs, add ½ to list number.

Tudor Gothic School

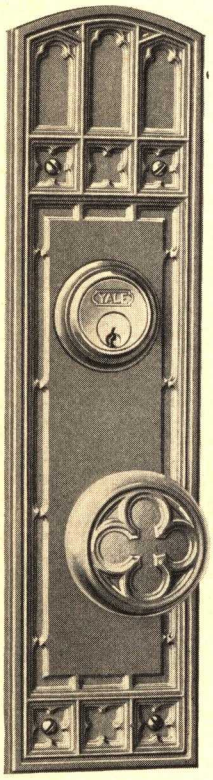
OXFORD DESIGN

Symbol JO

Cast Bronze or Brass

Standard Finishes:
AY24; BY14; BY24; FX80.
For finishes, see page XXV.

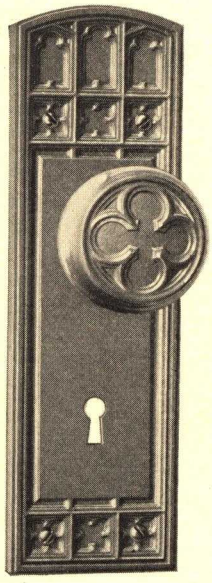
CUTS ONE-THIRD SIZE



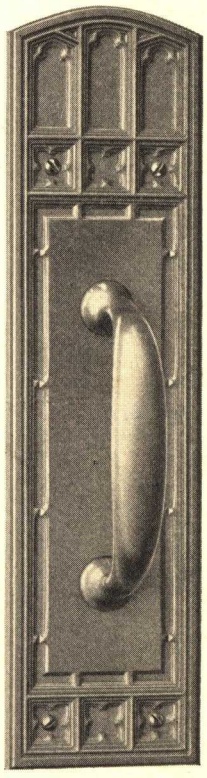
Nos. JO91 and JO35



Nos. JO35 and JO225



Nos. JO88 and JO35



No. JO532

No.	Size	Article
JO35	2¼ in. dia.	Door knob
JO88	9 x 2¾ in.	Escutcheon for 3½ to 5 in. locks
JO91	12 x 3¼ "	" " 5 " 7 " "
JO225	2½ in. dia.	Knob rose
JO316	18 x 3¼ in.	Handle (page 140)
JO532	12 x 3¼ "	Door pull (grip No. 132)
JO568	18 x 3¼ "	" " (" " 36)
JO812	$1\frac{15}{16}$ x $1\frac{1}{16}$"	Key plate for door locks
JO1730	12 x 3¼ "	Push plate
JO1730	18 x 3¼ "	" "
JO1730	$21\frac{3}{8}$ x 3¼ "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

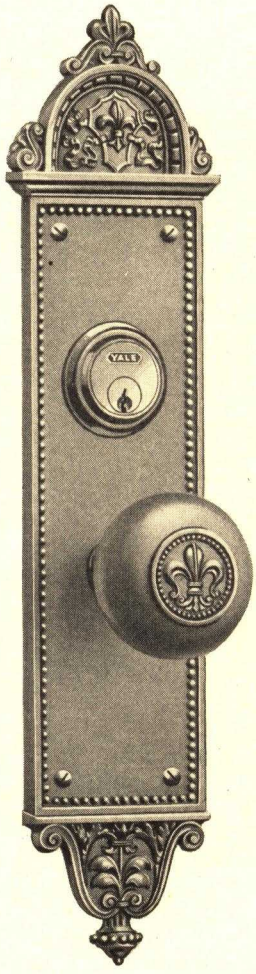
Italian Renaissance School

PALERMO DESIGN

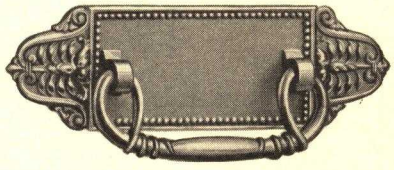
Symbol IP

Cast Bronze, Brass and Iron (FX80)

Standard Finishes:
AY24; AY52; BY24; SY52; FX80.
For finishes, see page XXV.



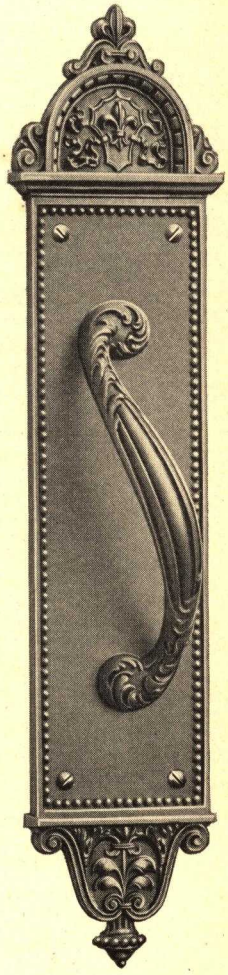
Nos. IP92 and IP37



No. IP1099



Nos. IP89 and IP35



No. IP545

No.	Size	Article
IP35	2¼ in. dia.	Door knob
IP37	2½ " "	" "
IP89	10 x 2½ in.	Escutcheon for 3½ to 5 in. locks
IP92	15 x 3½ "	" " 5 " 7 " "
IP545	15 x 3½ "	Door pull (grip No. 7)
IP854	10 x 2½ "	Cup for sliding door locks
IP935	3¼ in.	Lever handle
IP1099	1⅞ x 6⅛ in.	Drawer pull, drop
IP1349	1⅞ x 6⅛ "	Sash lift, flush
IP1416	6 x 2½ "	Push button
IP1730	15 x 3½ "	Push plate
IP7405*	4⅝ x 1⅜ "	Plate cut for turn knob

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Colonial School

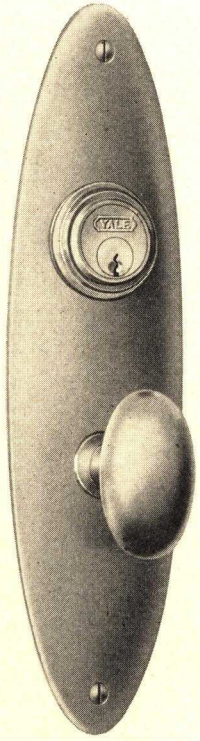
PIEDMONT DESIGN

Symbol HP

Cast Bronze or Brass

Standard Finishes:
AZ10; AY22.
For finishes, see page XXV.

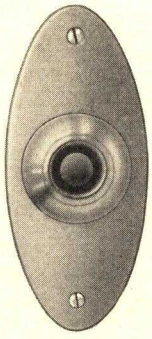
CUTS ONE-THIRD SIZE



Nos. HP90 and HP67



No. HP812



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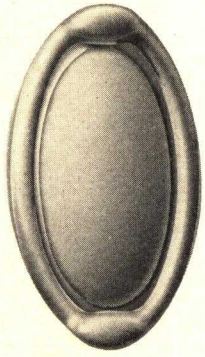
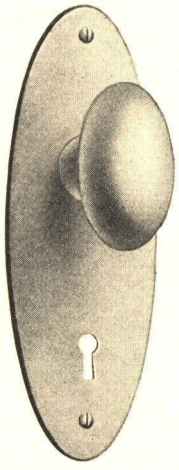


No. HP1425



No. HP1349



Nos. HP86 and HP67

No.	Size	Article
HP67	2½ x 1½ in.	Door knob
HP69	2¾ x 1⅝ "	" "
HP81	5½ x 1¼ "	Escutcheon for French door locks
HP86	7¼ x 2½ "	" " 3½ to 4¼ in. locks
HP88	9 x 2⅝ "	" " 4½ " 5½ " "
HP90	11½ x 3 "	" " 5 " 7 " "
HP223	2¼ in. dia.	Knob rose
HP531	11½ x 3 in.	Door pull (grip No. 132)
HP536	16 x 3¼ "	" " (" " 134)
HP812	2 x ⅞ "	Key plate for door locks
HP820*	3¼ x 1 "	Plate cut for key and turn knob
HP823	2 1/16 x 1 5/16 "	Key plate with drop, for door locks
HP850	7⅛ x 2½ "	Cup for sliding door locks
HP1005*	1½ x ⅞ "	Plate cut for turn knob
HP1099	1⅝ x 4¼ "	Drawer pull, drop
HP1349	1⅝ x 4¼ "	Sash lift, flush
HP1365	1½ x 5⅝ "	" " bar
HP1416	5 x 2⅛ "	Push button
HP1425	5½ x 3 "	Door knocker
HP1531	2½ x 7¼ "	Letter box plate, outside
HP1551	2¾ x 7¾ "	" " hood, inside
HP1730	11½ x 3 "	Push plate
HP1730	16 x 3¼ "	" "
HP1730	18 x 4 "	" "
HP47516	18 x 4 "	Handle (see page 134)

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 113.

CUTS ONE-THIRD SIZE

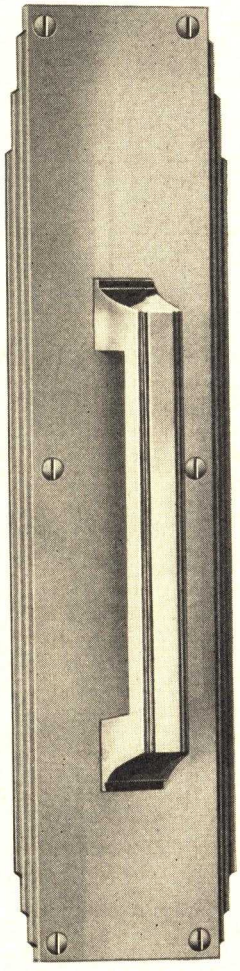
Modern School

QUARTAN DESIGN

Symbol MQ

Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY24; NY21.
For finishes, see page XXV.



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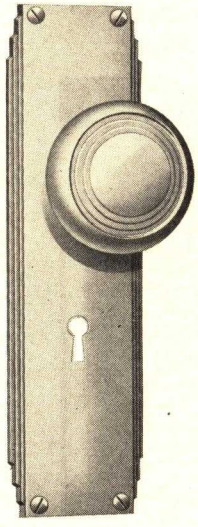
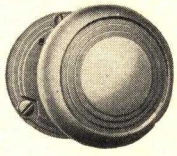


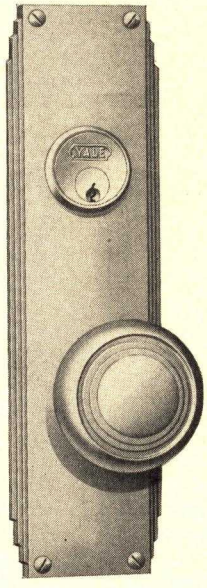
Nos. MQ87 and MQ35



No. MQ1133



Nos. MQ35 and MQ223



Nos. MQ88 and MQ35

No.	Size	Article
MQ35	2¼ in. dia.	Door knob
MQ87	8 x 2¼ in.	Escutcheon for 3½ to 4¾ in. locks
MQ88	9 x 2½ "	" " pin-tumbler locks
MQ223	2⅛ in. dia.	Knob rose
MQ316	15 x 3½ in.	Handle (page 139)
MQ585	15 x 3½ "	Door pull (grip No. 126)
MQ942	3¼ in.	Lever handle
MQ1133	2⅛ in. dia.	Cylinder plate
MQ1730	15 x 3½ in.	Push plate

For escutcheon plates, with turn knobs, add ½ to list number.

Colonial School

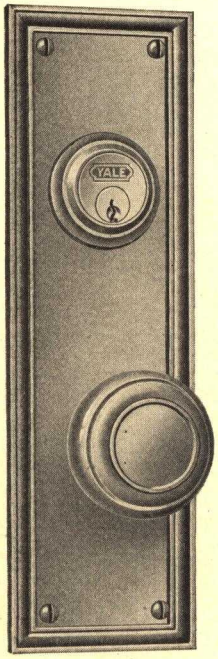
QUEENSTOWN DESIGN

CUTS ONE-THIRD SIZE

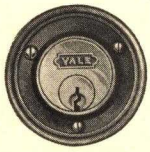
Symbol HQ

Cast Bronze, Brass and Iron

Standard Finishes:
AY21; BY21; BY24; FX80.
For finishes, see page XXV.



Nos. HQ90 and HQ35



No. HQ1133



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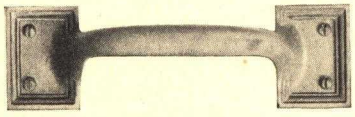

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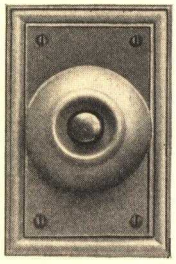

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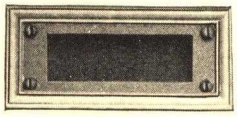

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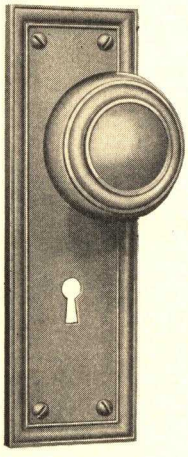

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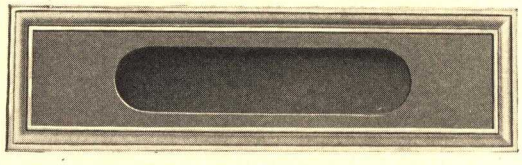


No. HQ1532

No.	Size	Article
HQ35	2¼ in. dia.	Door knob
HQ37	2½ " "	" "
HQ81	5 x 1¼ in.	Escutcheon for French door locks.
HQ86	7 x 2¼ "	" " 3½ to 4¼ in. locks
HQ87	7½ x 2½ "	" " 4¼ " 5½ " "
HQ89	9 x 2½ "	" " 4½ " 6 " "
HQ90	10 x 3 "	" " 5 " 7 " "
HQ223	2¼ in. dia.	Knob rose
HQ316	17½ x 3½ in.	Handle (page 135)
HQ530	10 x 3¼ "	Door pull (grip No. 132)
HQ535	15½ x 3½ "	" " (" " 134)
HQ812	2 x 1⅛ "	Key plate for door locks
HQ854	6¾ x 2¾ "	Cup for sliding door locks
HQ1133	2¼ in. dia.	Cylinder plate
HQ1348	1⅝ x 3½ in.	Sash lift, flush
HQ1365	1⅝ x 5½ "	" " bar
HQ1416	4 x 2⅝ "	Push button
HQ1532	2¼ x 8 "	Letter box plate, outside
HQ1552	2¼ x 8 "	" " hood, inside
HQ1566	7⅞ x 2⅞ "	" hole plate, chute and back plate, vert. (page 238)
HQ1569	10 x 3⅛ "	" " " " " " " " (page 239)
HQ1579	10 x 3⅛ "	" " " " " " " " hood (page 239)
HQ1730	10 x 3¼ "	Push plate
HQ1730	15½ x 3½ "	" "
HQ1730	17½ x 3½ "	" "
HQ35616	15½ x 3½ "	Handle (page 135)

For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 113.

CUTS ONE-THIRD SIZE

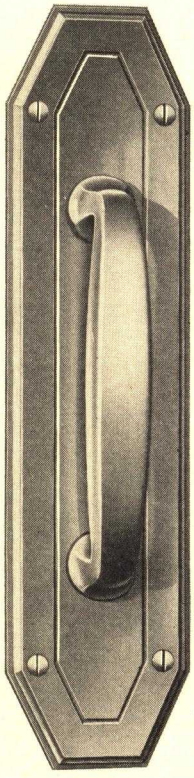
Modern School

QUITO DESIGN

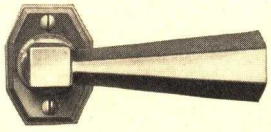
Symbol JQ

Cast Bronze or Brass

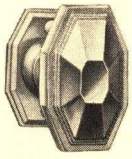
Standard Finishes:
AY21; BY21; BY24; NY21.
For finishes, see page XXV.



No. JQ532



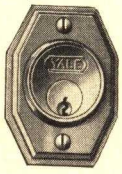
Nos. JQ942 and JQ240



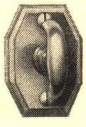
Nos. JQ65 and JQ240



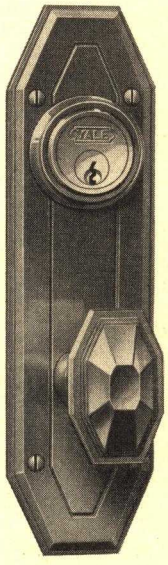
No. JQ812



No. JQ1133



Nos. JQ1205 and 35



Nos. JQ87 and JQ65

No.	Size	Article
JQ65	2¼ x 1⅜ in.	Door knob
JQ87	8⅝ x 2⅜ "	Escutcheon for pin-tumbler locks
JQ240	2 x 1 7/16 "	Knob rose
JQ532	12 x 3 "	Door pull (grip No. 127)
JQ812	1¾ x 1¼ "	Key plate for door locks
JQ942	3¼ in.	Lever handle
JQ1133	2½ x 1⅞ in.	Cylinder plate
JQ1205*	1¾ x 1¼ "	Plate cut for turn knob
JQ1730	12 x 3 "	Push plate

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Modern School

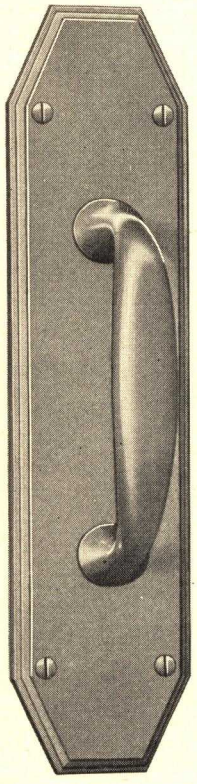
RAMSEY DESIGN

Symbol RR

Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY24; NY10.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



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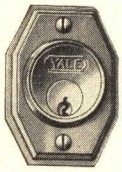

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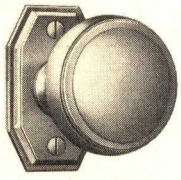


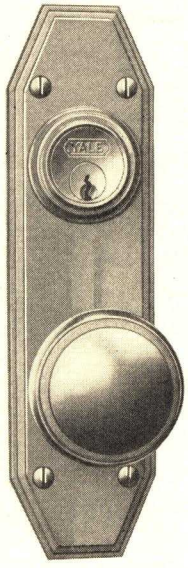
Nos. RR35 and RR240



Nos. RR1205 and 35



No. RR812



Nos. RR87 and RR35

No.	Size	Article
RR35	2¼ in. dia.	Door knob
RR87	8⅝ x 2⅜ in.	Escutcheon for pin-tumbler locks
RR240	2⅞ x 1¾ "	Knob rose
RR532	12 x 3 "	Door pull (grip No. 127)
RR812	1¾ x 1¼ "	Key plate for door locks
RR1133	2½ x 1⅞ "	Cylinder plate
RR1205*	1¾ x 1¼ "	Plate cut for turn knob
RR1730	12 x 3 "	Push plate
RR4634	9⅜ x 2¼ "	Handle (page 124)

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
For pull and push bars in this design, see page 262.

CUTS ONE-THIRD SIZE

Louis XIV School

RIBERAC DESIGN

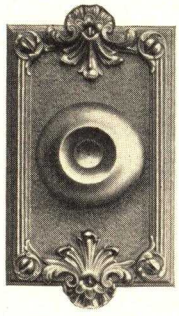
Symbol KR

Cast Bronze, Brass and Iron

Standard Finishes:

BX12; BY24; FX80.

For finishes, see page XXV.



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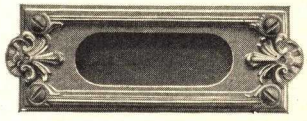

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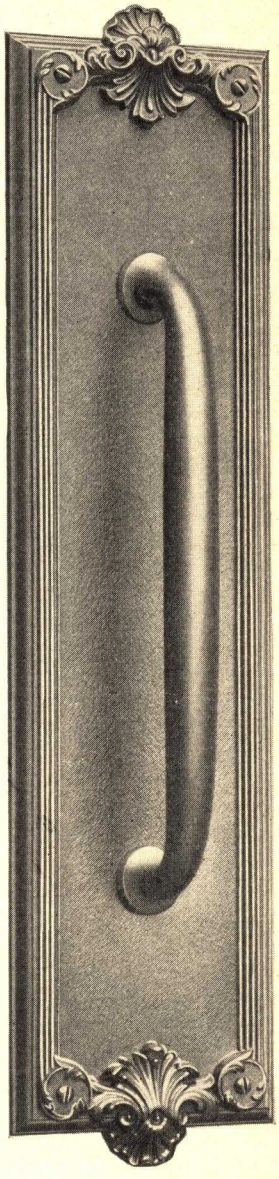

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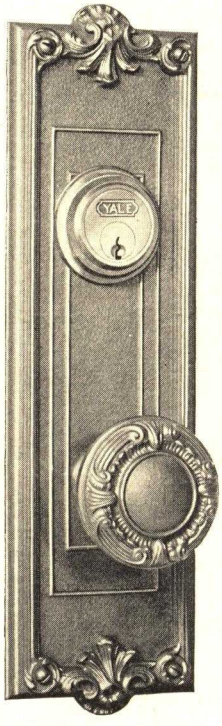
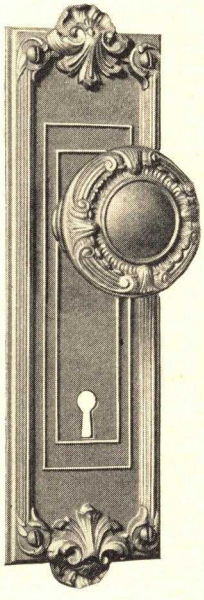


Nos. KR90 and KR35



Nos. KR88 and KR35

No.	Size	Article
KR35	2¼ in. dia.	Door knob
KR37	2½ " "	" "
KR88	9¼ x 2¾ in.	Escutcheon for 2¼, 2½ and 2¾ in. spacings only
KR90	11 x 3¼ "	" " pin-tumbler locks
KR220	1¾ in. dia.	Knob rose
KR316	23 x 4½ in.	Handle
KR585	18¼ x 4½ "	Door pull (grip No. 38)
KR812	3⅛ x 1⅛ "	Key plate for door locks
KR854	9¼ x 2¾ "	Cup for sliding door locks
KR1099	1⅝ x 4½ "	Drawer pull, drop
KR1349	1⅝ x 4¾ "	Sash lift, flush
KR1416	4⅞ x 2⅝ "	Push button
KR1533	3¼ x 11 "	Letter box plate, outside
KR1553	3¼ x 11 "	" " hood, inside
KR1730	11 x 3¼ "	Push plate
KR1730	18¼ x 4½ "	" "
KR1730	23 x 4½ "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

Mono-Lock Sets are shown on page 114.

Louis XVI School

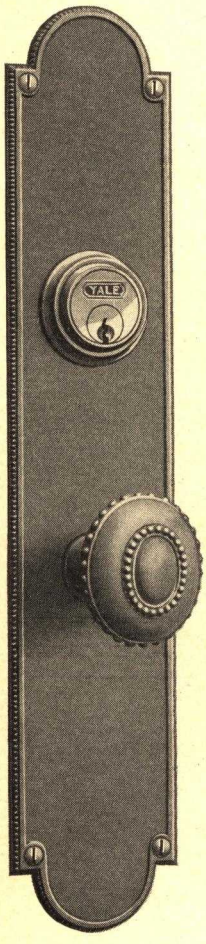
ROHAN DESIGN

Symbol PR

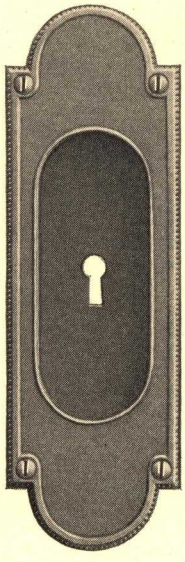
Cast Bronze or Brass

Standard Finishes:
AZ10; AY22; BY22; SY52.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



Nos. PR92 and PR65



No. PR854



No. PR812



No. PR1349



Nos. PR87 and PR65

No.	Size	Article
PR65	2¼ x 1⅞ in.	Door knob
PR81	5¾ x 1⅜ "	Escutcheon for French door locks
PR87	8⅜ x 2¾ "	" " 3½ to 4 in. locks
PR88	9¼ x 2¾ "	" " 4¼ " 5 " "
PR92	14⅜ x 2¾ "	" " 5 " 7 " "
PR223	2¼ in. dia.	Knob rose
PR812	2⅜ x ⅞ in.	Key plate for door locks
PR854	8⅜ x 2¾ "	Cup for sliding door locks
PR1099	1⅜ x 4 "	Drawer pull, drop
PR1349	1⅞ x 5 "	Sash lift, flush
PR1730	9¼ x 2¾ "	Push plate
PR1730	14⅜ x 2¾ "	" "
PR6005*	4 x ⅞ "	Plate cut for turn knob

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

Romanesque School

ROKEBY DESIGN

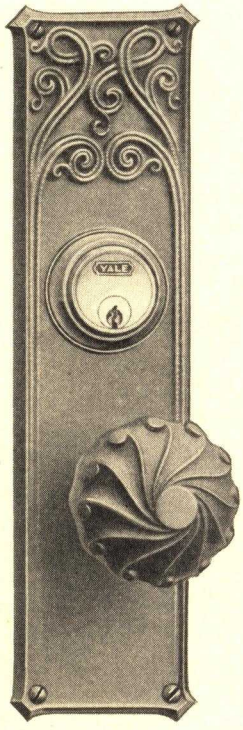
Symbol HR

Cast Bronze, Brass and Iron (FX80)

Standard Finishes:

AY21; BY21; BY24; BX67; FX80.

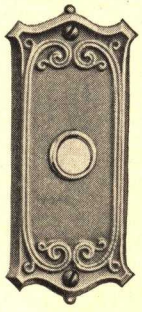
For finishes, see page XXV.



Nos. HR89 and HR37



No. HR812



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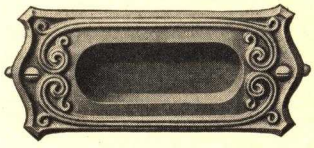
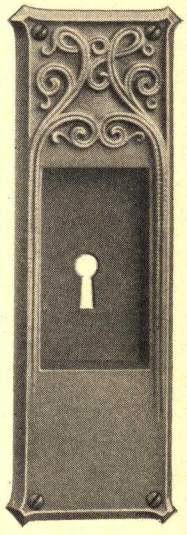


No. HR1349



No. HR854

No.	Size	Article
HR33	1¾ in. dia.	Door knob
HR35	2¼ " "	" "
HR37	2½ " "	" "
HR81	6 x 1¼ in.	Escutcheon for French door locks
HR84	6½ x 2⅝ "	" " 3½ in. locks only
HR87	8 x 2½ "	" " 3¾ to 4¾ in. locks
HR89	11 x 3 "	" " 5 " 7 " "
HR90	12¼ x 3 "	" " 5 " 7 " "
HR316	14⅞ x 3 "	Handle
HR812	2 x 1¼ "	Key plate for door locks
HR854	8 x 2½ "	Cup for sliding door locks
HR1348	1⅞ x 4⅛ "	Sash lift, flush
HR1349	2⅛ x 4⅝ "	" " "
HR1413	4⅝ x 2⅛ "	Push button
HR1507	2½ x 9¼ "	Letter box plate, outside
HR1527	2½ x 8⅞ "	" " hood, inside
HR1730	10¾ x 3 "	Push plate
HR1730	13 x 3 "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

Louis XIV School

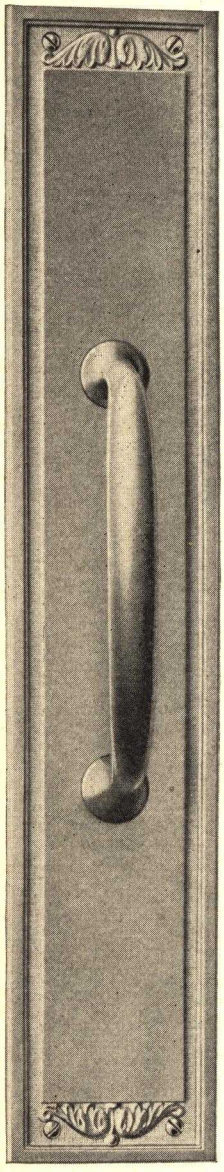
SAVOY DESIGN

Symbol JS

Cast Bronze or Brass

Standard Finishes:
AY21; BY14; BY24; BY65.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



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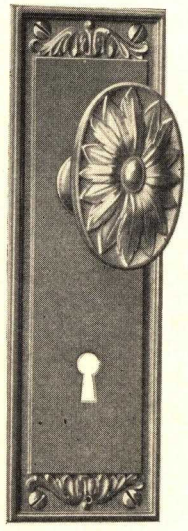
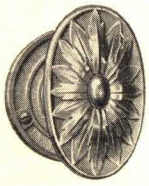


Nos. JS87 and JS67



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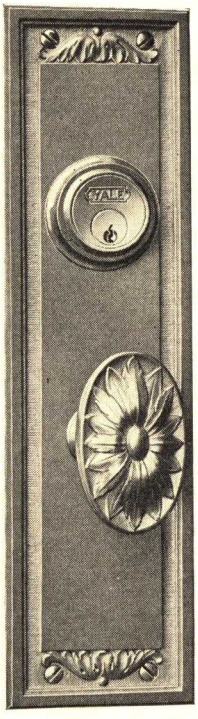
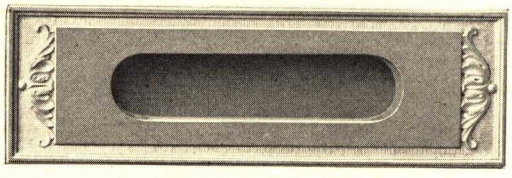


Nos. JS89 and JS67



No. JS1531

No.	Size	Article
JS67	2¾ x 1⅝ in.	Door knob
JS87	8 x 2½ "	Escutcheon for 3½ to 5 in. locks
JS89	11 x 3 "	" " 5 " 6½ " "
JS223	2¼ in. dia.	Knob rose
JS316	18 x 3½ in.	Handle (page 141)
JS531	11 x 3 "	Door pull (grip No. 132)
JS568	18 x 3½ "	" " (" " 36)
JS1531	2½ x 7⅞ "	Letter box plate, outside
JS1541	2½ x 7⅞ "	" " " inside
JS1551	2½ x 7⅞ "	" " hood, inside
JS1730	11 x 3 "	Push plate
JS1730	18 x 3½ "	" "
JS4854	8 x 2½ "	Cup for sliding door locks

For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

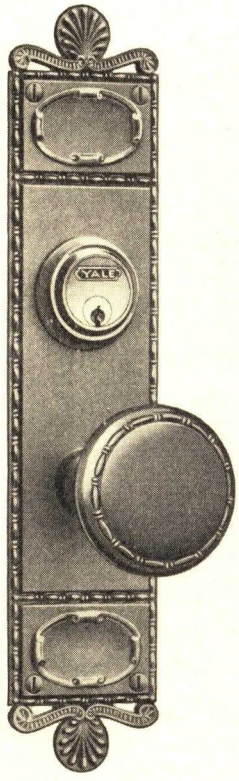
Italian Renaissance School

SIENA DESIGN

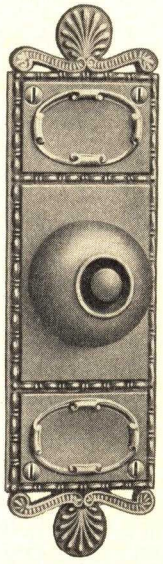
Symbol MS

Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY24; BY65; SY52.
For finishes, see page XXV.



Nos. MS90 and MS37



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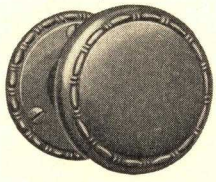
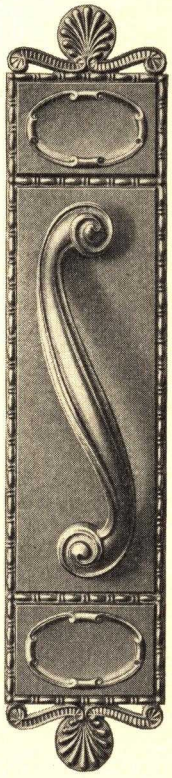


Nos. MS37 and MS223



No. MS545

No.	Size	Article
MS33	1¾ in. dia.	Door knob
MS35	2¼ " "	" "
MS37	2½ " "	" "
MS90	12 x 2⅝ in.	Escutcheon for all locks
MS223	2¼ in. dia.	Knob rose
MS316	18⅞ x 3¾ in.	Handle (page 142)
MS545	12 x 2⅝ "	Door pull (grip No. 5)
MS595	18⅞ x 3¾ "	" " (" " 105)
MS1416	8⅝ x 2½ "	Push button
MS1730	18⅞ x 3¾ "	Push plate

For escutcheon plates, with turn knobs, add ½ to list number.

Romanesque School

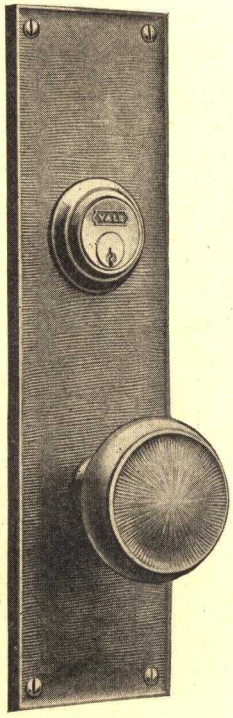
TOURAINE DESIGN

Symbol MT

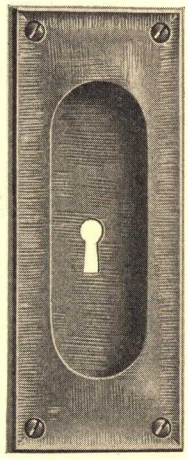
Cast Bronze, Brass and Iron

Standard Finishes:
AY22; BY14; BY24; BX67; FX80.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



Nos. MT90 and MT37



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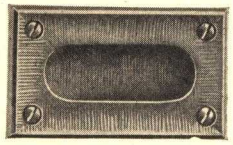

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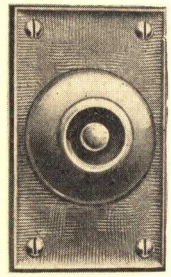
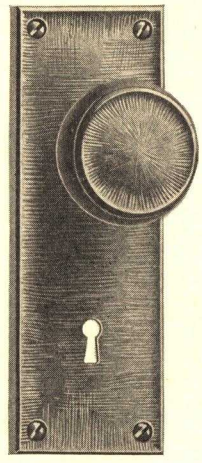


No. MT1416



No. MT812



Nos. MT85 and MT35

No.	Size	Article
MT35	2¼ in. dia.	Door knob
MT37	2½ " "	" "
MT81	5⅛ x 1 5/16 in.	Escutcheon for French door locks
MT85	7 x 2½ "	" " 3½ to 4½ in. locks
MT90	11 x 3 "	" " 4¾ " 6½ " "
MT223	2¼ in. dia.	Knob rose
MT316	16 x 4 in.	Handle (page 140)
MT566	16 x 4 "	Door pull (grip No. 36)
MT812	2 x 1 "	Key plate for door locks
MT820*	2⅞ x ¾ "	Plate cut for key and turn knob
MT854	6⅞ x 2⅛ "	Cup for sliding door locks
MT1099	1½ x 4 "	Drawer pull, drop
MT1344	2 x 3½ "	Sash lift, flush
MT1416	4⅛ x 2½ "	Push button
MT1730	11 x 3 "	" plate
MT1730	13½ x 3⅞ "	" "
MT1730	16 x 4 "	" "
MT1730	20 x 4 "	" "
MT2105*	2 x 1 "	Plate cut for turn knob

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

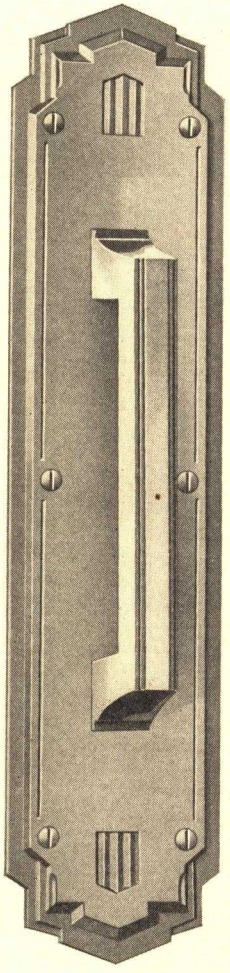
Modern School

TOWER DESIGN

Symbol PT

Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY24; NY21.
For finishes, see page XXV.



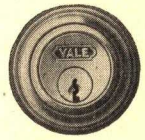
No. PT585



Nos. PT1205 and 35



No. PT1134



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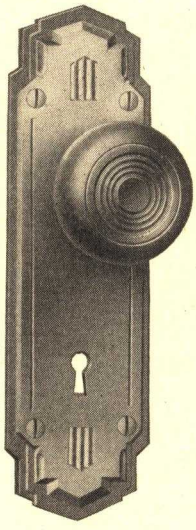
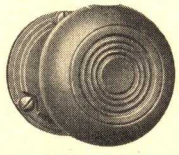


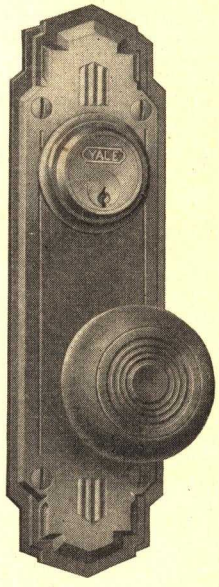
Nos. PT87 and PT35



Nos. PT35 and PT223



No. PT812



Nos. PT88 and PT35

No.	Size	Article
PT35	2¼ in. dia.	Door knob
PT87	8 x 2¼ in.	Escutcheon for 3½ to 4¾ in. locks
PT88	9 x 2½ "	" " pin-tumbler locks
PT223	2⅛ in. dia.	Knob rose
PT241	2½ x 1¾ in.	Rose for lever handle
PT316	18¾ x 3½ "	Handle (page 139)
PT585	15 x 3½ "	Door pull (grip No. 126)
PT812	2⅛ x 1 1/16 "	Key plate for door locks
PT942	3¼ in.	Lever handle
PT1133	2⅛ in. dia.	Cylinder plate
PT1134	2⅝ x 2 in.	" "
PT1205*	2⅛ x 1 1/16 "	Plate cut for turn knob
PT1569	9⅞ x 3⅛ "	Letter hole plate, chute and back plate (page 239)
PT1579	9⅞ x 3⅛ "	" " " " " hood (" 239)
PT1730	15 x 3½ "	Push plate
PT2534	14 x 2 3/16 "	Handle (page 126)
PT4634	14½ x 2 3/16 "	" (" 126)

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 115.

Modern School

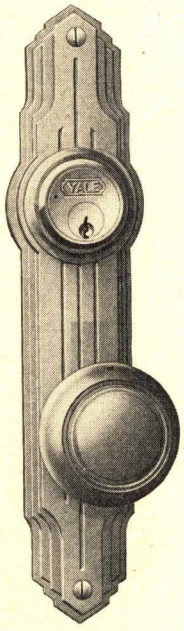
TUSCON DESIGN

Symbol LT

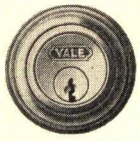
Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY24; NY10; NY21.
For finishes, see page XXV

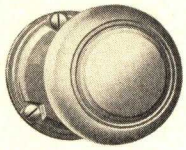
CUTS ONE-THIRD SIZE



Nos. LT89 and LT35



No. LT1133



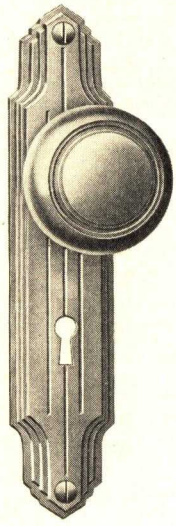
Nos. LT35 and LT223



No. LT812



Nos. LT1205 and 35



Nos. LT87 and LT35

No.	Size	Article
LT35	2⅛ in. dia.	Door knob
LT87	8 x 1⅝ in.	Escutcheon for 3½ to 4¾ in. locks
LT89	9¾ x 2 3/16"	" " pin-tumbler locks
LT223	2⅛ in. dia.	Knob rose
LT316	19¾ x 3½ in.	Handle (page 138)
LT585	15 x 3½ "	Door pull (grip No. 126)
LT812	2¼ x 1 1/16"	Key plate for door locks
LT1133	2⅛ in. dia.	Cylinder plate
LT1205*	2¼ x 1 1/16 in.	Plate cut for turn knob
LT1730	15 x 3½ "	Push plate

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

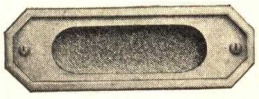
Modern School

URBITA DESIGN

Symbol NU

Cast Bronze or Brass

Standard Finishes:
AY21; BY65; NX56.
For finishes, see page XXV.



No. NU1349



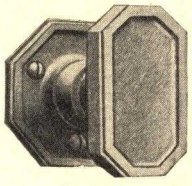
No. NU812



No. NU854



Nos. NU820 and 35



Nos. NU85 and NU323

No.	Size	Article
NU85	2⅜ x 1⅜ in.	Door knob
NU323	2¼ x 2¼ "	Knob rose
NU812	1⅞ x 1⅛ "	Key plate for door locks
NU820*	2¾ x 1⅛ "	Plate cut for key and turn knob
NU854	6⅛ x 2¼ "	Cup for sliding door locks
NU1205*	1⅞ x 1⅛ "	Plate cut for turn knob
NU1349	1⅜ x 4 "	Sash lift, flush

*Does not include turn knob.

Modern School

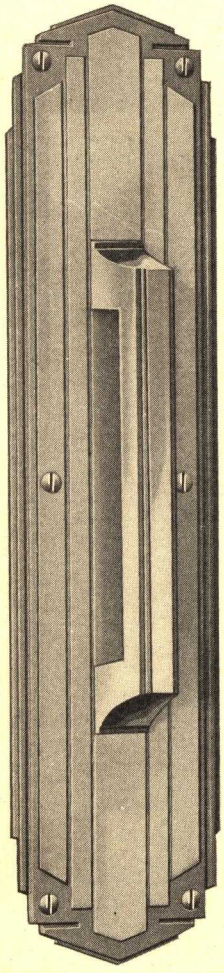
VERTICON DESIGN

Symbol QV

Cast Bronze or Brass

Standard Finishes:
AY21; BY21; BY24; NY10.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



No. QV585



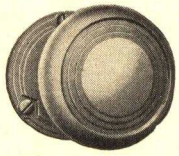
No. QV812



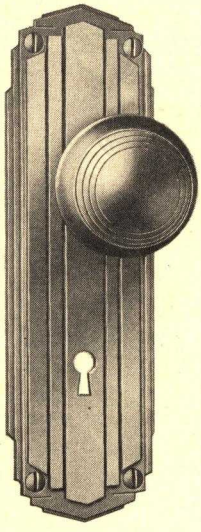
No. QV1133



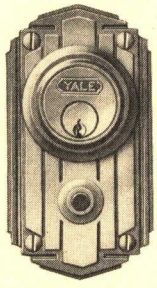
Nos. QV1205 and 35



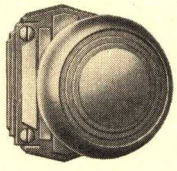
Nos. QV35 and QV223



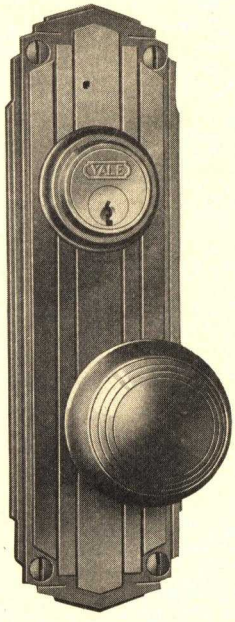
Nos. QV87 and QV35



No. QV1174



Nos. QV35 and QV240



Nos. QV88 and QV35

No.	Size	Article
QV35	2¼ in. dia.	Door knob
QV87	8 x 2¼ in.	Escutcheon for 3½ to 4¾ in. locks
QV88	9 x 2½ "	" " pin-tumbler locks
QV223	2⅛ in. dia.	Knob rose
QV240	2 11/16 x 2 in.	" "
QV241	2¼ x 1 7/16 "	Rose for lever handle
QV316	16¾ x 3½ "	Handle (page 138)
QV585	15 x 3½ "	Door pull (grip No. 126)
QV812	2⅛ x 1 1/16 "	Key plate for door locks
QV942	3¼ in.	Lever handle
QV1133	2⅛ in. dia.	Cylinder plate
QV1174	4¼ x 2¼ in.	Cylinder plate and indicator
QV1205*	2⅛ x 1 1/16 "	Plate cut for turn knob
QV1569	9⅞ x 3⅛ "	Letter hole plate, chute and back plate (page 239)
QV1579	9⅞ x 3⅛ "	" " " " " hood (" 239)
QV1730	15 x 3½ "	Push plate

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 116.

CUTS ONE-THIRD SIZE

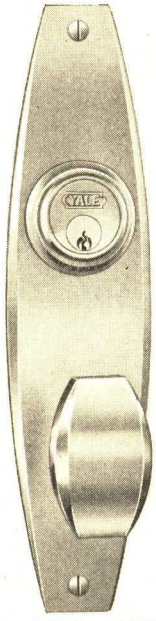
Modern School

VERTEX DESIGN

Symbol WV

Cast Bronze or Brass

Standard Finishes:
AZ10; AY22; BZ10; BY22; NY10; DY10.
For finishes, see page XXV.



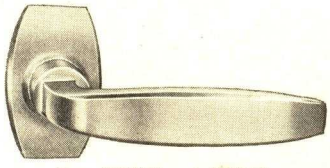
Nos. WV89 and WV67

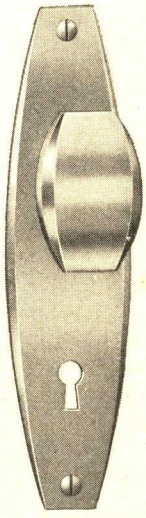


No. WV1133


Nos. WV2305 and WV32


No. WV812


Nos. WV942 and WV540


Nos. WV87 and WV67

No.	Size	Article
WV32	1¼ in.	Turn knob
WV67	2⅜ x 1½ "	Door knob
WV87	7⅞ x 2 "	Escutcheon for 3½ to 4¾ in. locks
WV89	9½ x 2⅜ "	" " pin-tumbler locks
WV160	6⅛ x 1⁹⁄₁₆ "	Cremone bolt with knob
WV167	6⅛ x 1⁹⁄₁₆ "	" " " lever handle
WV240	2⅜ x 1⁷⁄₁₆ "	Knob rose with screws for wood
WV540	2⅜ x 1⁷⁄₁₆ "	" " " concealed attachment (page 171)
WV812	2 x 1⅛ "	Key plate for door locks
WV823	2 x 1⅛ "	" " with drop, for door locks
WV942	3¾ "	Lever handle
WV1061	1¾ x 1³⁄₁₆ "	Casement fastener
WV1133	2⅜ x 1⅝ "	Cylinder plate
WV1730	15 x 3½ "	Push plate
WV2305*	2 x 1⅛ "	Plate cut for turn knob

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Price Book Section 5A

CUTS ONE-THIRD SIZE

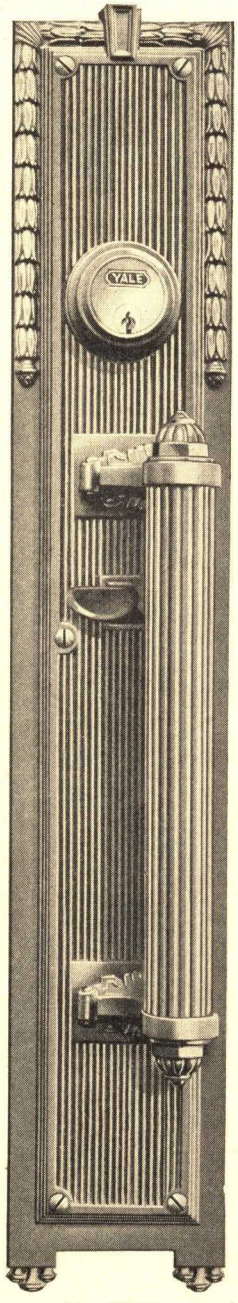
Roman School

VIGONE DESIGN

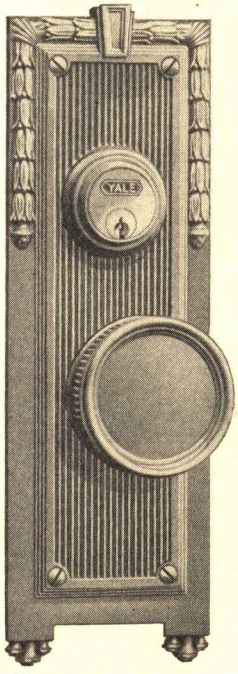
Symbol UV

Cast Bronze or Brass

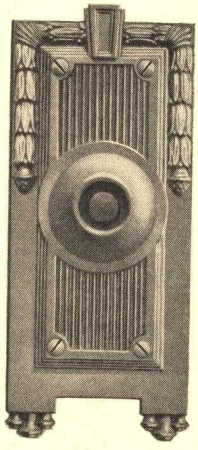
Standard Finishes:
AY21; BY21; BY24.
For finishes, see page XXV.



No. UV316



Nos. UV89 and UV37



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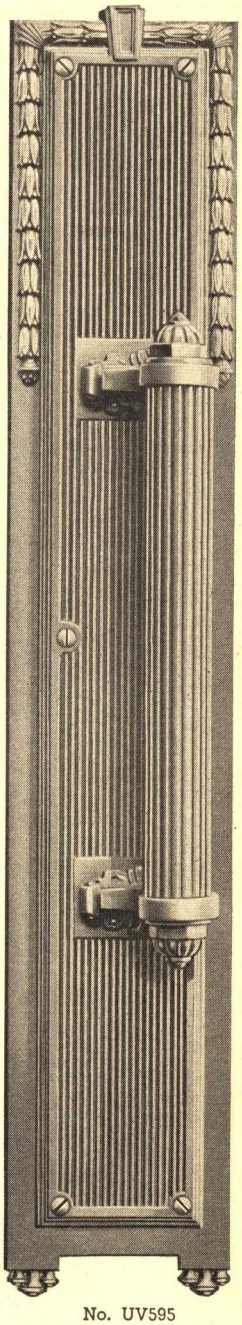


No. UV595

No.	Size	Article
UV37	2½ in. dia.	Door knob
UV89	10¾ x 3½ in.	Escutcheon for 3½ to 6 in. locks
UV316	20 x 3½ "	Handle (page 141)
UV595	20 x 3½ "	Door pull (grip No. 118)
UV1416	6¾ x 2⅞ "	Push button
UV1730	10¾ x 3½ "	Push plate
UV1730	20 x 3½ "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

Colonial School

WARWICK DESIGN

Symbol JW

Cast Bronze, Brass and Iron

Standard Finishes:
AY21; BY21; BY24; FX80.
For finishes, see page XXV.

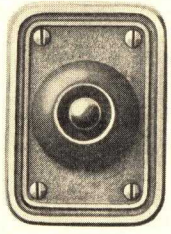
CUTS ONE-THIRD SIZE



No. JW1365



No. JW1133



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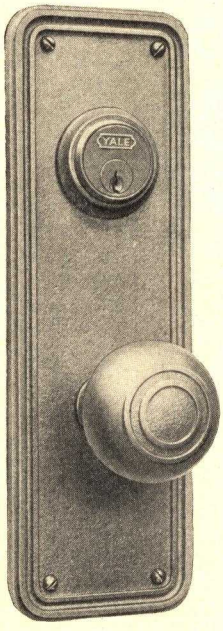
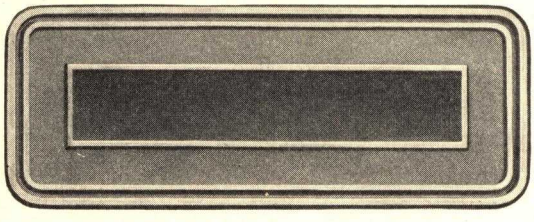
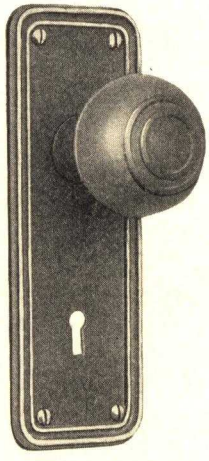


Nos. JW89 and JW35



No. JW1532



Nos. JW85 and JW35

No.	Size	Article
JW35	2¼ in. dia.	Door knob
JW37	2½ " "	" "
JW85	7 x 2½ in.	Escutcheon for 3½ to 4½ in. locks
JW88	9 x 2½ "	" " 4½ " 6 " "
JW89	10 x 3¼ "	" " 4½ " 7 " "
JW530	10 x 3¼ "	Door pull (grip No. 132)
JW536	16 x 4 "	" " (" " 134)
JW854	7 x 2½ "	Cup for sliding door locks
JW1133	2¼ x 2¼ "	Cylinder plate
JW1365	1⅞ x 5⅞ "	Sash lift, bar
JW1416	3½ x 2½ "	Push button
JW1532	3¼ x 8¼ "	Letter box plate, outside
JW1542	3⅜ x 8⅜ "	" " " inside
JW1552	3½ x 8⅜ "	" " hood, inside
JW1565	8¾ x 3¼ "	" hole plate, chute and back plate, vert. (page 238)
JW1569	10 x 3⅛ "	" " " " " " " (page 239)
JW1579	10 x 3⅛ "	" " " " " " hood (page 239)
JW1730	10 x 3¼ "	Push plate
JW1730	16 x 4 "	" "
JW1730	20 x 4 "	" "
JW3505	3 x 1½ "	Plate cut for turn knob
JW4534	14 x 2½ "	Handle (page 125)
JW37616	16 x 4 "	" (" 136)

For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 117.
Coupon Booth Lock Sets are listed on page 77.

CUTS ONE-THIRD SIZE

Colonial School

WELLESLEY DESIGN

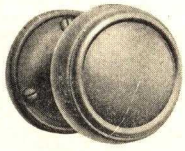
Symbol SW

Cast Bronze or Brass

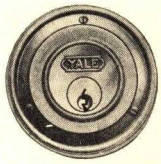
Standard Finishes:
AZ10; BZ10; AY22.
For finishes, see page XXV.



No. SW1133



Nos. SW35 and SW223





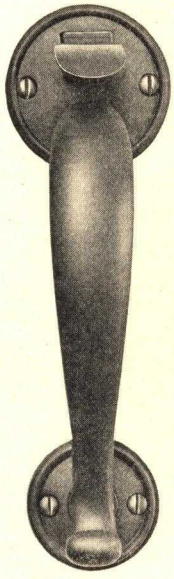
No. SW854



Nos. SW1105 and 35



No. SW812



No. SW2534

No.	Size	Article
SW35	2⅜ in. dia.	Door knob
SW223	2¼ " "	Knob rose
SW663	2¼ " "	" " concealed screws
SW812	1¾ x 1 in.	Key plate for door locks
SW854	7 x 2¾ "	Cup for sliding door locks
SW1105*	1¾ x 1 "	Plate cut for turn knob
SW1133	2½ in. dia.	Cylinder plate
SW1407	2 " "	Push button
SW2534	13⅝ x 2½ in.	Handle (see page 123)

*Does not include turn knob. For turn knobs, add ½ to list number.

Colonial School

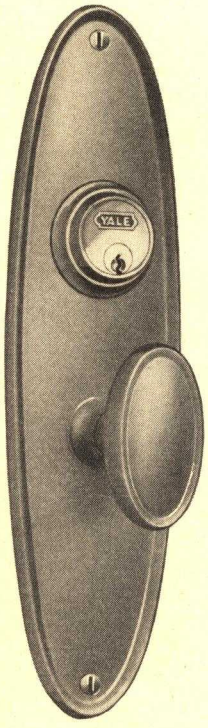
WEYMOUTH DESIGN

Symbol PW

Cast Bronze or Brass

Standard Finishes:
AZ10; AY22; BY24.
For finishes, see page XXV.

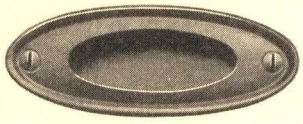
CUTS ONE-THIRD SIZE



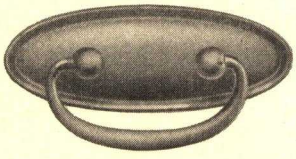
Nos. PW90 and PW67



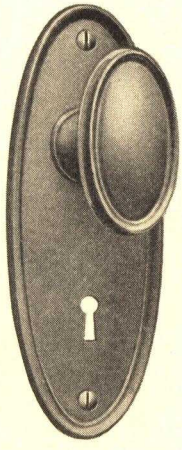
No. PW812



No. PW1349



No. PW1099



Nos. PW85 and PW67

No.	Size	Article
PW67	2¾ x 1½ in.	Door knob
PW81	5 x 1⅛ "	Escutcheon for French door locks
PW85	6¾ x 2⅝ "	" " 3½ to 4¼ in. locks
PW87	8 x 2⅝ "	" " 4½ " 5½ " "
PW90	11 x 3 "	" " 5 " 7 " "
PW160	6½ x 1⅜ "	Cremone bolt
PW167	6½ x 1⅜ "	" "
PW223	2¼ in. dia.	Knob rose
PW316	16 x 3½ in.	Handle
PW812	2 x 1⅛ "	Key plate for door locks
PW820*	3⅛ x 1⅜ "	Plate cut for key and turn knob
PW823	2 x 1 "	Key plate with drop, for door locks
PW854	6⅞ x 2⅝ "	Cup for sliding door locks
912	1⅞ in.	Lever handle
PW1099	1⅝ x 4½ in.	Drawer pull, drop
PW1349	1⅝ x 4⅜ "	Sash lift, flush
PW1416	4⅞ x 2¼ "	Push button
PW1427	8¼ x 2¾ "	Door knocker with peephole
PW1730	11 x 3 "	Push plate
PW1730	14 x 3¼ "	" "
PW1730	16 x 3½ "	" "
PW2005*	2 x ⅞ "	Plate cut for turn knob
PW3305*	2½ x 1¼ "	" " " " "

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 112.

CUTS ONE-THIRD SIZE

Colonial School

WILTON DESIGN

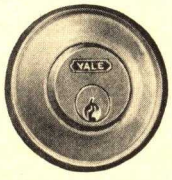
Symbol IW

Cast Bronze or Brass

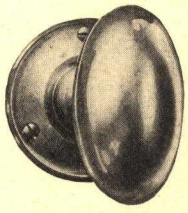
Standard Finishes:
AZ10; AY22.
For finishes, see page XXV.



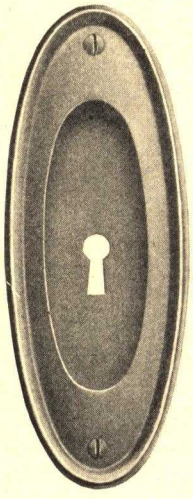
Nos. IW1505 and 55



No. IW1133



Nos. IW67 and IW222



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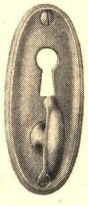


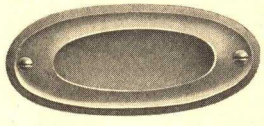
Nos. IW820 and 35



No. IW1410



No. IW1823



No. IW1349



No. IW812

No.	Size	Article
IW35	2¼ in. dia.	Door knob
IW67	2½ x 1⅝ in.	" "
IW69	3 x 1¾ "	" "
IW222	2⅝ in. dia.	Knob rose
IW812	2 x 1⅛ in.	Key plate for door locks
IW820*	3 x 1¼ "	Plate cut for key and turn knob
IW854	7½ x 2¾ "	Cup for sliding door locks
IW1099	1¾ x 4 "	Drawer pull, drop
IW1133	2⅝ in. dia.	Cylinder plate
IW1349	1¾ x 4 in.	Sash lift, flush
IW1410	2⅜ in. dia.	Push button
IW1505*	1¾ x 1½ in.	Plate cut for turn knob
IW1823	1½ x 1 "	Key plate with drop, for door locks

*Does not include turn knob. For turn knob, add ½ to list number.

English Gothic School

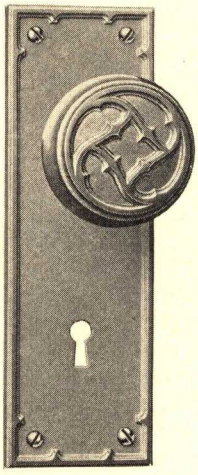
WINDSOR DESIGN

Symbol TW

Cast Bronze, Brass and Iron

Standard Finishes:
AY22; BY14; BY24; FX80.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



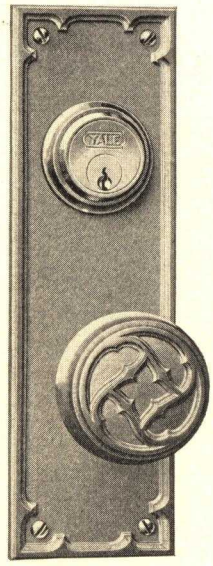
Nos. TW85 and TW35



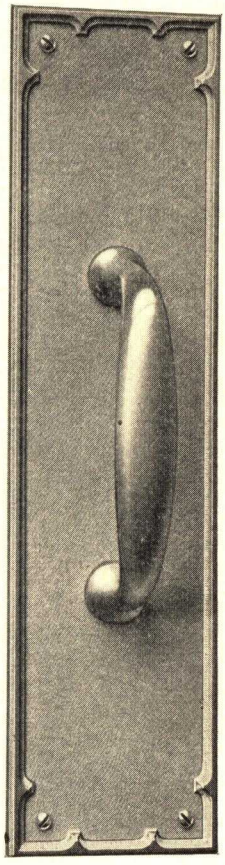
Nos. TW35 and TW223



No. TW812



Nos. TW87 and TW35



No. TW533

No.	Size	Article
TW35	2¼ in. dia.	Door knob
TW85	7¼ x 2⅜ in.	Escutcheon for 3½ to 4½ in. locks
TW87	8⅝ x 2⅝ "	" " 4½ " 6 " "
TW223	2¼ in. dia.	Knob rose
TW533	13⅜ x 3½ in.	Door pull (grip No. 134)
TW812	2 x 1 "	Key plate for door locks
TW854	8⅝ x 2⅝ "	Cup for sliding door locks
TW1205*	2 x 1 "	Plate cut for turn knob
TW1730	13⅜ x 3½ "	Push plate
TW1730	15 x 3½ "	" "

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

Colonial School

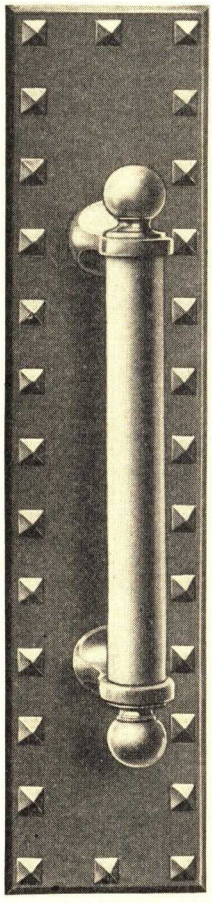
WINTHROP DESIGN

Symbol RW

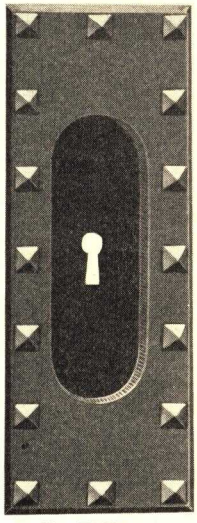
Cast Bronze, Brass and Iron

Standard Finishes:

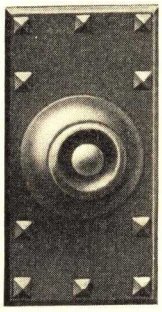
AZ10; AY22; BY24; FX80 plate with AZ10 studs.
For finishes, see page XXV.



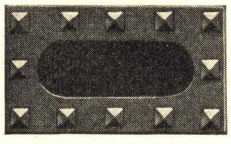
No. RW569



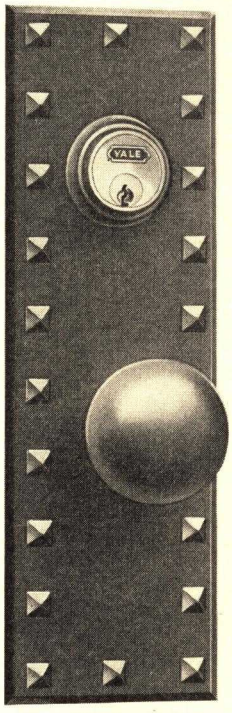
No. RW854



No. RW1416



No. RW1348



Nos. RW90 and D35

No.	Size	Article
D35	2¼ in. dia.	Door knob, wrought reinforced
D37	2½ " "	" " "
RW81	4¾ x 1 in.	Escutcheon for French door locks
RW83	6⅜ x 2¼ "	" " 3½ to 4¼ in. locks
RW87	8 x 3 "	" " 4¼ " 5 " "
RW88	9 x 2½ "	" " 4¼ " 5½ " "
RW90	11 x 3½ "	" " 5 " 7 " "
RW569	14 x 3¼ "	Door pull (grip No. 117)
RW854	8 x 3 "	Cup for sliding door locks
RW1099	1⅝ x 4½ "	Drawer pull, drop
RW1348	2 x 3½ "	Sash lift, flush
RW1413	3 x 1⅜ "	Push button
RW1416	4¾ x 2½ "	" "
RW1425	6½ x 5 "	Door knocker
RW1531	2½ x 6½ "	Letter box plate, outside
RW1551	2½ x 6½ "	" " hood, inside
RW1730	14 x 3¼ "	Push plate
RW1730	16 x 4 "	" "
RW1730	20 x 4 "	" "
RW5534	15¾ x 2¾ "	Handle (page 129)
RW6255*	4 x 1⅛ "	Plate cut for turn knob
RW23616	15 x 3 "	Handle (page 136)

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

Flemish Renaissance School

XENIA DESIGN

Symbol HX

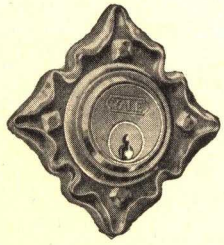
Cast Bronze, Nickeline and Iron

Standard Finishes:

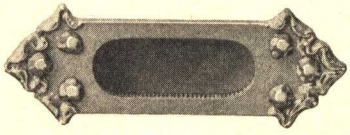
BY14; NX46†; NX56; BX67; FX80.

For finishes, see page XXV.

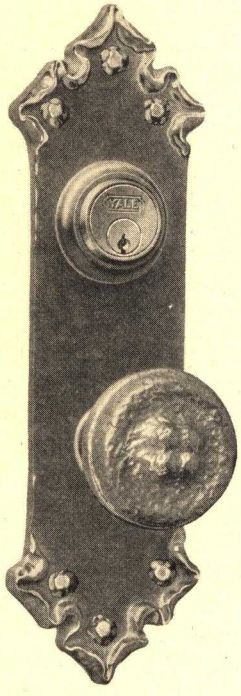
CUTS ONE-THIRD SIZE



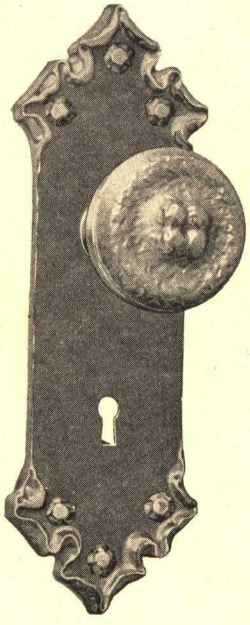
No. HX1133



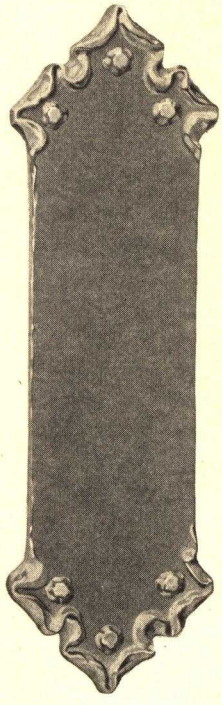
No. HX1349



Nos. HX89 and HX27



Nos. HX88 and HX27



No. HX1730

No.	Size	Article
HX27	2½ in. dia.	Door knob
HX88	9½ x 3¼ in.	Escutcheon for 3½ to 4¾ in. locks
HX89	10¾ x 3¼ "	" " 5 " 6½ " "
HX236	3⅜ x 3⅜ "	Knob rose
HX565	15 x 3¼ "	Door pull (grip No. 36)
HX854	9½ x 3¼ "	Cup for sliding door locks
HX1133	3⅜ x 3⅜ "	Cylinder plate
HX1349	1⅞ x 5⅛ "	Sash lift, flush
HX1401	2¾ x 2¾ "	Push button
HX1730	10¾ x 3¼ "	" plate
HX1730	15 x 3¼ "	" "
HX2534	15¼ x 3⅜ "	Handle (page 130)
HX4534	16¼ x 3⅜ "	" (" 130)

For escutcheon plates, with turn knobs, add ½ to list number.

†Imitation half polished iron, on nickeline metal.

CUTS ONE-THIRD SIZE

Mission School

YATES DESIGN

Symbol OY

Cast Bronze, Brass and Iron

Standard Finishes:
AY22; BY14; BY24; NX56; FX80.
For finishes, see page XXV.



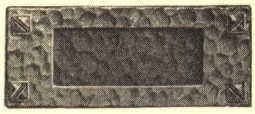
Nos. OY87 and OY34



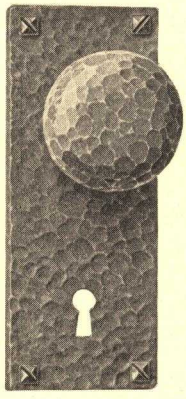
No. OY812



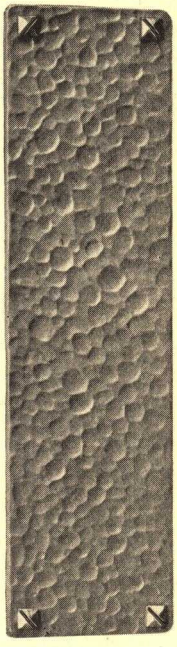
No. OY1416



No. OY1349



Nos. OY83 and OY34



No. OY1730

No.	Size	Article
OY34	2 in. dia.	Door knob
OY83	6 x 2⅜ in.	Escutcheon for 3½ to 4¼ in. locks
OY87	8 x 2¾ "	" " 4½ " 5¾ " "
OY88	9⅞ x 2¾ "	" " 5½ " 6½ " "
OY93	1¾ x 1¾ "	Door knob, square (page 152)
OY94	2 x 2 "	" " " (" 152)
OY230	1⅞ x 1⅞ "	Knob rose
OY812	1¾ x 1⅛ "	Key plate for door locks
OY854	6 x 2⅜ "	Cup for sliding door locks
OY1099	1⅛ x 4 "	Drawer pull, drop
OY1349	1⅝ x 4 "	Sash lift, flush
OY1416	3¼ x 1¾ "	Push button
OY1730	9⅞ x 2¾ "	Push plate
OY1730	16 x 2¾ "	" "

For escutcheon plates, with turn knobs, add ½ to list number.

Colonial School

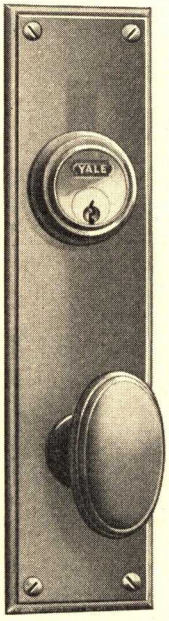
YORKTOWN DESIGN

Symbol HY

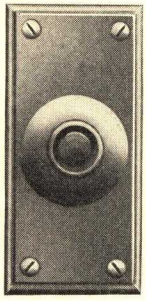
Cast Bronze or Brass

Standard Finishes:
AZ10; AY22; BY22; BY24.
For finishes, see page XXV.

CUTS ONE-THIRD SIZE



Nos. HY88 and HY67



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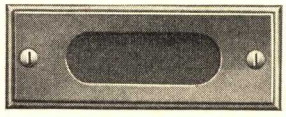
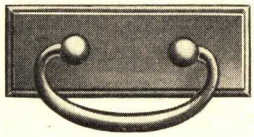


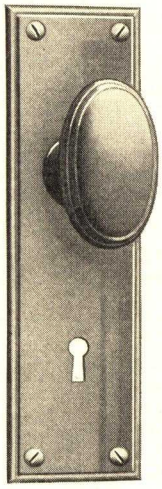
No. HY1349



No. HY1099



No. HY812



Nos. HY83 and HY67

No.	Size	Article
HY67	2½ x 1½ in.	Door knob
HY69	2¾ x 1⅝ "	" "
HY85	6¾ x 2½ "	Escutcheon for 3½ to 4¼ in. locks
HY86	7½ x 2¼ "	" " 3½ " 5½ " "
HY88	9½ x 2½ "	" " 5 " 7 " "
HY225	2½ in. dia.	Knob rose
HY316	18 x 4 in.	Handle
HY812	2 x 1⅛ "	Key plate for door locks
HY854	7½ x 2¼ "	Cup for sliding door locks
HY1099	1½ x 3⅞ "	Drawer pull, drop
HY1349	1⅝ x 4¼ "	Sash lift, flush
HY1413	4 x 1½ "	Push button
HY1416	4½ x 2¼ "	" "
HY1730	18 x 4 "	Push plate
HY2205*	2 x 1⅛ "	Plate cut for turn knob
HY6254*	4⅛ x 1⅛ "	" " " " "

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.

CUTS ONE-THIRD SIZE

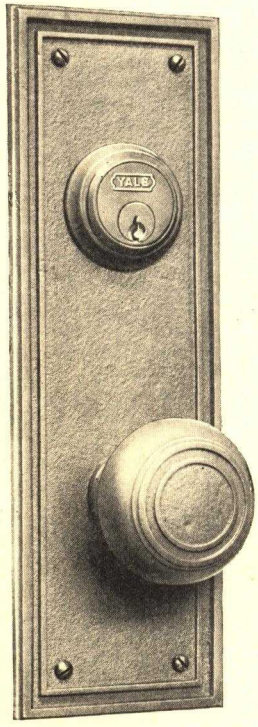
Modern School

YUMA DESIGN

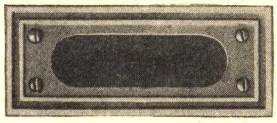
Symbol NY

Cast Bronze, Brass and Iron

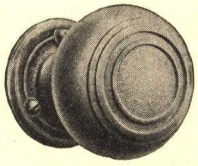
Standard Finishes:
AY21; BY21; BY65; BX12; FX80.
For finishes, see page XXV.



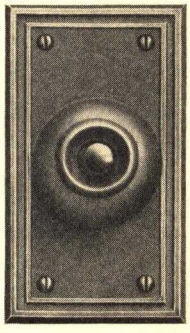
Nos. NY89 and NY35



No. NY1348



Nos. NY35 and NY223



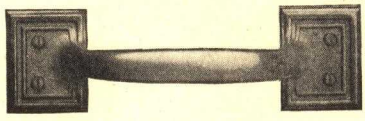
No. NY1416



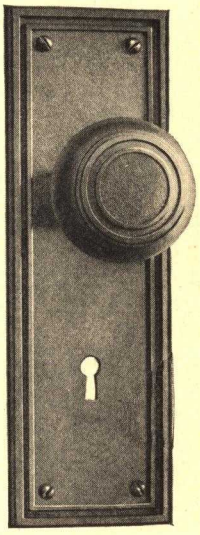
No. NY1133



No. NY812



No. NY1365



Nos. NY87 and NY35

No.	Size	Article
NY35	2¼ in. dia.	Door knob
NY37	2½ " "	" "
NY81	5 x 1⅛ in.	Escutcheon for French door locks
NY86	7½ x 2½ "	" " 3½ to 4½ in. locks
NY87	8½ x 2¾ "	" " 4½ " 5 " "
NY89	10 x 3¼ "	" " 5 " 7 " "
NY223	2¼ in. dia.	Knob rose
NY316	16 x 3½ in.	Handle (page 138)
NY530	10 x 3¼ "	Door pull (grip No. 132)
NY536	16 x 3½ "	" " (" " 134)
NY812	2¼ x 1¼ "	Key plate for door locks
NY854	8½ x 2¾ "	Cup for sliding door locks
NY1099	2 x 5 "	Drawer pull, drop
NY1133	2¼ x 2¼ "	Cylinder plate
NY1348	1⅝ x 4⅛ "	Sash lift, flush
NY1365	1⅝ x 5⅝ "	" " bar
NY1416	5 x 2¾ "	Push button
NY1531	2¾ x 7½ "	Letter box plate, outside
NY1541	2⅞ x 7½ "	" " " inside
NY1551	2¾ x 7⅝ "	" " hood "
NY1566	8⅜ x 2¾ "	" hole plate, chute and back plate, ver. (page 238)
NY1569	10 x 3⅛ "	" " " " " " " " (page 239)
NY1579	10 x 3⅛ "	" " " " " " " " hood (page 239)
NY1730	10 x 3¼ "	Push plate
NY1730	16 x 3½ "	" "
NY2305*	2¼ x 1¼ "	Plate cut for turn knob
NY4534	14 x 2¼ "	Handle (page 125)
NY4634	14 x 2¼ "	" (" 125)

*Does not include turn knob.
For escutcheon plates, with turn knobs, add ½ to list number.
Mono-Lock Sets are shown on page 118.
Coupon Booth Lock Sets are listed on page 77.

DOOR
CLOSERS

DOOR
CLOSERS

Catalog of

YALE DOOR CLOSERS

AND

REPAIR PARTS

THE YALE & TOWNE MFG. CO.

STAMFORD, CONN., U. S. A.

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YALE DOOR CLOSERS

THE YALE DOOR CLOSER is a device designed for the purpose of automatically closing and at the same time controlling the closing speed of doors; it is now so universally used on office and other public buildings that its presence and convenience is taken for granted. It is doubtful if any of the equipment on a building contributes more to the comfort and convenience of the occupants than the door closers. This is particularly true of Yale Door Closers. They never forget to close the doors quietly and efficiently.

Forty years ago the Yale & Towne Manufacturing Company began the manufacture of a liquid door check, or "closer," as it is called today. Continuous research and development have introduced many improvements but has never been able to improve on the basic elements of design used in the original models, and the correctness of design, the excellence of materials and workmanship put into them, is attested by the fact that many thousands of the original Door Checks are still in use after ten, twenty and more years of service.

In 1911 a completely redesigned door closer, known as the Yale "Model Y," was introduced. This model incorporated a three-bearing, drop-forged crankshaft, heavier arms, and a new and improved jamb plate. Also, the location of the valve port was changed so that the closer would continue to operate in a normal manner even if the cylinder was only one-half full of liquid.

In 1919 the Yale Model YR line of closers was introduced. This model has all the desirable features of the Yale Model Y and, in addition, has the reversible features, which allows it to be installed on doors of either hand without reversing the spring or otherwise altering the mechanism. This model incorporates every desirable feature known; and the use of the finest materials and precision workmanship insure many years of trouble-free service.

In 1932 the Model Y and YR line of closers was further improved by the addition of a patented dual regulating valve, which provides in one easily-made adjustment, any closing speed of the door, and at the same time, any desired speed at the latch from full release action to overcome binding doors and stiff latch bolts, to silent action for theater and other doors where a silent action is required.

A smaller model for screen and light inside doors, known as the "Yale Junior," was introduced in 1920, and a concealed closer was introduced in 1930. Several modifications of the standard door closers adapt them to the special requirements of hospital patient room doors, coupon booths, telephone booth doors, etc. These are described in detail in the catalog pages.

Yale Door Closers are also made with a hold-open device, which allows the door to be held open at any predetermined point when desired. They are also furnished to order, with a fusible link which, when subjected to the heat from a blaze, will melt and release the holder, thus automatically closing the door preventing the spread of the fire.

The closing power of the Yale Door Closers is obtained from a coiled spring controlled by a piston moving in a cylinder filled with a special non-freezing liquid. As the door is opened the piston is withdrawn in the cylinder, the liquid passing freely through the ball valve. As the door starts to close, the ball valve closes and the liquid confined by the piston can escape only through the port controlled by the regulating valve, preventing the door from slamming.

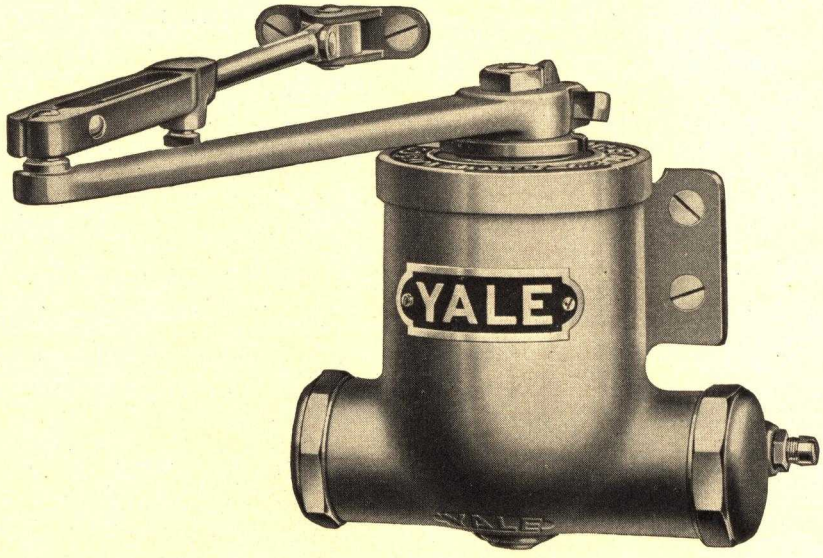
An outstanding feature of the Yale Door Closer is its high operating efficiency. It is necessary that a door closer should have sufficient power to effectively close the door against wind pressures or drafts while the opening resistance offered by the closer should be as low as possible to facilitate opening the door. The relation between the opening resistance and the closing force applied to the door determines the efficiency of the closer. The efficiency of the Yale Door Closer is very high, making the operation smooth and resulting in a long life.

Only the finest materials and workmanship are used in the construction of Yale Closers, the shells are made of a special close grain iron. All arms and brackets are of malleable iron and the crankshaft is of heavy forged steel. After assembling, every closer is given a rigid inspection for spring power, smoothness of operation and checking power.

YALE DOOR CLOSER

MODEL YR

Nos. 71 to 76 Series



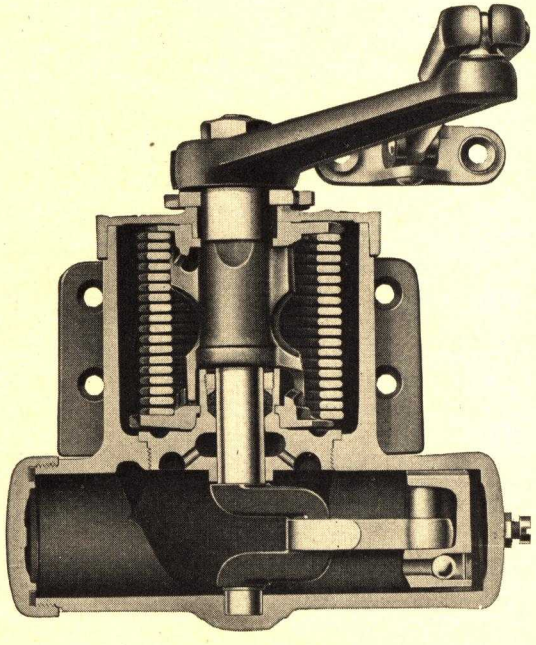
The Model YR Door Closers Nos. 71 to 76, Nos. 171 to 175 and Nos. 1171 to 1175 are reversible, that is, they may be applied to either right or left hand doors without changing any parts or reversing the spring. This feature is of particular advantage where the closer is sold over the counter to customers who do not know the hand of the door.

With the exception of the spring mechanism the Model YR is the same in design and operation as the Model Y Door Closer. The attaching screw hole spacings are the same, making it possible to substitute one model for the other.



Spring for
Model YR Closers

Cut shows
interior mechanism
of Model YR Door Closer



YALE DOOR CLOSER

MODEL YR

Template. A full size template for applying and directions for adjusting are packed with each closer, making it possible for anyone to correctly apply and adjust them.

Operation. The Model YR Door Closer starts to check the door at approximately 45° from the closed position, gradually slowing it down until it is about 4 or 5 inches from the stop, at which point the latch adjustment begins to operate.

Latch Adjustment. This is a very desirable feature, as it allows the closer to be adjusted to give any desired speed in the last 4 or 5 inches of closing; from full release to overcome binding doors or a stiff latch bolt, to an absolute silent action for doors without latch bolts such as theater and church doors where extreme quiet is essential.

Regulating Valve. The "full release" or "silent action" operation is secured by means of the dual valve. Either operation is obtained without sacrificing the door control which occurs with closers employing a simple screw valve.

Special Length Arm. The arms regularly furnished with Yale Closers allow the door to open approximately 110°. Where greater opening angles are required, arms of special lengths can be furnished. The lengths required for different openings are shown in the chart on pages 28 and 29.

Underwriter's Approval. The Nos. 73, 74, 75 and 76 Model YR Door Closers are approved by the National Board of Fire Underwriters.

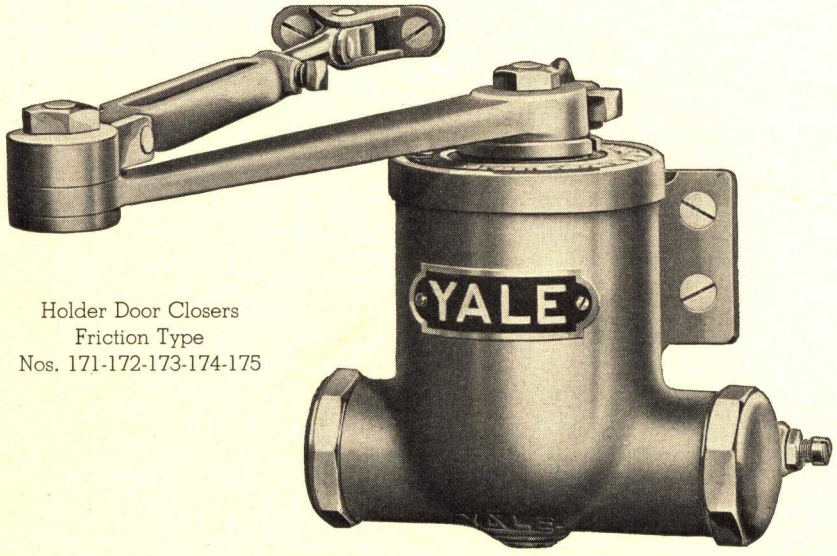
Repair Parts. When ordering repair parts always specify the model and list number according to the markings cast in the end cap, this is very important as the parts are not the same for the different models.

Brackets. (Pages 22 to 26), show the different methods of applying door closers. Where possible the standard application with the closer applied directly to the door should be used. Where closers are to be used opposite the hinge the soffit bracket is first choice, the corner bracket second and the parallel arm application last as the corner bracket reduces the spring power approximately one fifth and the parallel arm application one half.

YALE HOLDER DOOR CLOSERS

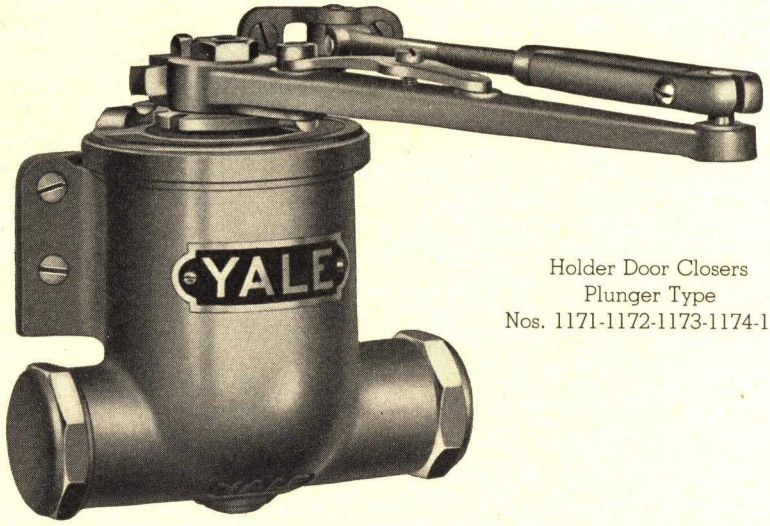
MODEL YR

Holder Door Closers. The Model YR Door Closers are furnished with two types of holders. One is a friction device located in the arm joint and the other is a roller plunger with stop block located on the top cap of the closer. Both of these methods are correct in principle and have been used with entire satisfaction for many years.



Holder Door Closers
Friction Type
Nos. 171-172-173-174-175

Friction Holder Closer. The friction holder consists of two friction surfaces engaged by means of an adjustable screw thread. It is located at the joint of the arms where it is most effective to hold the door open. It does not interfere with the normal action of the door and is inoperative until the door is opened to the holding position. It eliminates the need of an unsightly door holder and the resulting damage to floors and rugs. To adjust the holding position it is only necessary to open the door to the desired position up to a maximum of 95° and tighten the large hexagon nut at the arm joint.



Holder Door Closers
Plunger Type
Nos. 1171-1172-1173-1174-1175

Plunger Holder Closer. This holder differs from the riction type in that the hold open feature is a plunger in the main arm engaging with a hardened steel stop block on the top cap. The plunger has a roller at the bottom which has a rolling action when entering and leaving the recess in the stop block. By this device the door can be held open at any predetermined position up to 95° until released by a push or a pull. The angle at which door is held open may be easily adjusted by engaging the holder loosening one of the clamp screws and moving the door to the new position after which the clamp screw is tightened.

YALE DOOR CLOSER

MODEL YR

Sizes: It is essential that the door closer selected is of ample size to properly close and control the door. If it is too small it cannot function properly and give the long service it would, if of the proper size. Doors made of metal, or with heavy plate glass require larger closers than ordinary wood doors. The table below gives the correct size for the various sizes of doors. Where the doors are exposed to severe drafts, or, the closer is applied on a corner bracket, use one size larger than indicated in the table.

Cast Iron No.	Solid Cast Bronze No.	Description	Maximum Size of Door
71	B71	Ordinary screen doors and light interior doors	1⅛″ x 2′6″ x 6′6″
72	B72	Heavy screen doors	1⅜″ x 3′0″ x 7′0″
		Light interior doors	1⅜″ x 2′8″ x 7′0″
		Closet doors	1¾″ x 2′8″ x 7′0″
73	B73	Light exterior doors	1¾″ x 2′6″ x 7′0″
		Corridor or office doors, either wood or metal	1¾″ x 3′4″ x 7′0″
74	B74	Ordinary exterior doors	2¼″ x 3′0″ x 7′6″
		Heavy interior doors, either wood or metal	2¼″ x 4′0″ x 7′6″
75	B75	Heavy exterior doors	3 ″ x 3′6″ x 7′6″
		Heavy interior doors subject to strong drafts	. . . . .
76	B76	Extra heavy entrance doors or doors of unusual height or width and refrigerator doors, etc.	. . . . .

Friction Type		Plunger Type		With Holder Device (See page 6)	
Cast Iron No.	Solid Cast Bronze No.	Cast Iron No.	Solid Cast Bronze No.		
171	B171	1171	B1171	Ordinary screen doors and light interior doors	1⅛″ x 2′6″ x 6′6″
172	B172	1172	B1172	Heavy screen doors	1⅜″ x 3′0″ x 7′0″
				Light interior doors	1⅜″ x 2′8″ x 7′0″
				Closet doors	1¾″ x 2′8″ x 7′0″
173	B173	1173	B1173	Light exterior doors	1¾″ x 2′6″ x 7′0″
				Corridor or office doors, either wood or metal	1¾″ x 3′4″ x 7′0″
174	B174	1174	B1174	Ordinary exterior doors	2¼″ x 3′0″ x 7′6″
				Heavy interior doors, either wood or metal	2¼″ x 4′0″ x 7′6″
175	B175	1175	B1175	Heavy exterior doors	3 ″ x 3′6″ x 7′6″
				Heavy interior doors subject to strong drafts	. . . . .

Finishes: Door Closers are regularly furnished in Brown Lacquer (BL) finish. Also in Gold Bronzed, Silver Bronzed, or Dead Black finish to order at the same price.

Imitation of plated finishes and genuine plated finishes can be furnished at an additional price.

Packed: Each in a box; Nos. 71-74, 6 in a case; Nos. 75 and 76, 3 in a case. For weights see below.

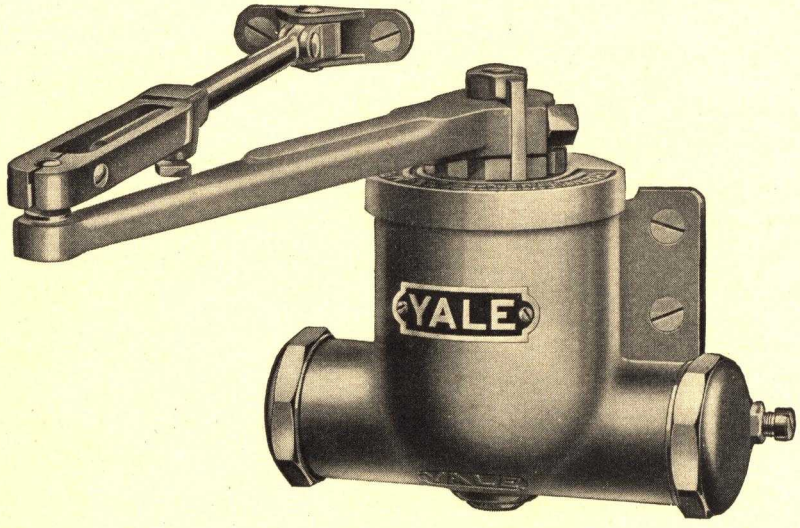
WEIGHTS OF MODEL YR DOOR CLOSERS

Regular Closers				Holder Door Closers			
No.	Weight Each	Number in Case	Weight per Case	No.	Weight Each	Number in Case	Weight per Case
71	5¾ lbs.	6	36 lbs.	171	6¼ lbs.	6	39 lbs.
72	8½ "	6	53 "	172	9 "	6	56 "
73	10¾ "	6	67 "	173	11½ "	6	72 "
74	14 "	6	87 "	174	14½ "	6	90 "
75	17½ "	3	53 "	175	19 "	3	58½ "
76	21 "	3	65 "				

YALE DOOR CLOSER

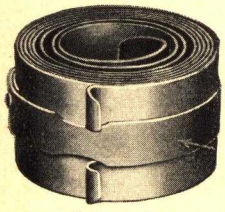
MODEL Y

Nos. 11 to 16 Series

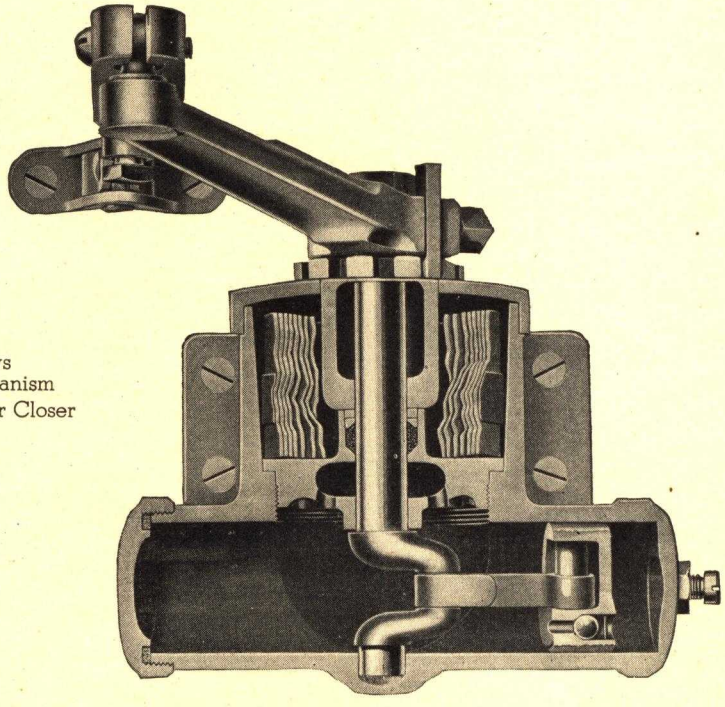


The Model Y Door Closers Nos. 11 to 16, Nos. 111 to 115 and Nos. 1111 to 1115 are handed, making it necessary to specify the hand of door when ordering. These closers, however, may be reversed by removing the spring and turning it over so that the hooks point in the opposite direction.

With the exception of the spring mechanism the Model Y is the same in design and operation as the Model YR Door Closer. The attaching screw hole spacings are the same, making it possible to substitute one model for the other.



Spring for
Model Y Closers



Cut shows
interior mechanism
of Model Y Door Closer

YALE DOOR CLOSER

MODEL Y

Template. A full size template for applying and directions for adjusting are packed with each door closer, making it possible for anyone to correctly apply and adjust them.

Operation. The Model Y Door Closer starts to check the door at approximately 45° from the closed position, gradually slowing it down until it is about 4 or 5 inches from the stop, at which point the latch adjustment begins to operate.

Latch Adjustment. This is a very desirable feature, as it allows the closer to be adjusted to give any desired speed in the last 4 or 5 inches of closing; from full release to overcome binding doors or a stiff latch bolt, to an absolute silent action for doors without a latch bolt such as theater and church doors where extreme quiet is essential.

Regulating Valve. The "full release" or "silent action" operation is secured by means of the dual valve. Either operation is obtained without sacrificing the door control which occurs with closers employing a simple screw valve.

Special Length Arm. The arms regularly furnished with Yale Closers allow the door to open approximately 110°. Where greater opening angles are required, arms of special lengths can be furnished. The lengths required for different openings are shown in the chart on pages 28 and 29.

Underwriter's Approval. The Nos. 13, 14, 15 and 16 Model Y Door Closers are approved by the National Board of Fire Underwriters.

Repair Parts. When ordering repair parts always specify the model and list number according to the markings cast in the end cap, this is very important as the parts are not the same for the different models.

Brackets. (Pages 22 to 26), show the different methods of applying door closers. Where possible the standard application with the closer applied directly to the door should be used. Where closers are to be used opposite the hinge the soffit bracket is first choice, the corner bracket second and the parallel arm application last as the corner bracket reduces the spring power approximately one fifth and the parallel arm application one half.

Nos. NS11 and NS12 Door Closers without Springs. These door closers supplied without springs, check the door, and prevent slamming, thereby eliminating noise and annoyance. The opening and closing of the door must be controlled manually.

The main arm should be applied on the shaft according to directions, depending on the hand of the door. The closer must then be applied to the door at the 90° application as shown on the template packed with each closer, and the main arm placed so as to stand out at right angles to the face of the door.

In this position the closer has a very short checking action, allowing the door to swing without resistance to within three or four inches of the complete closing.

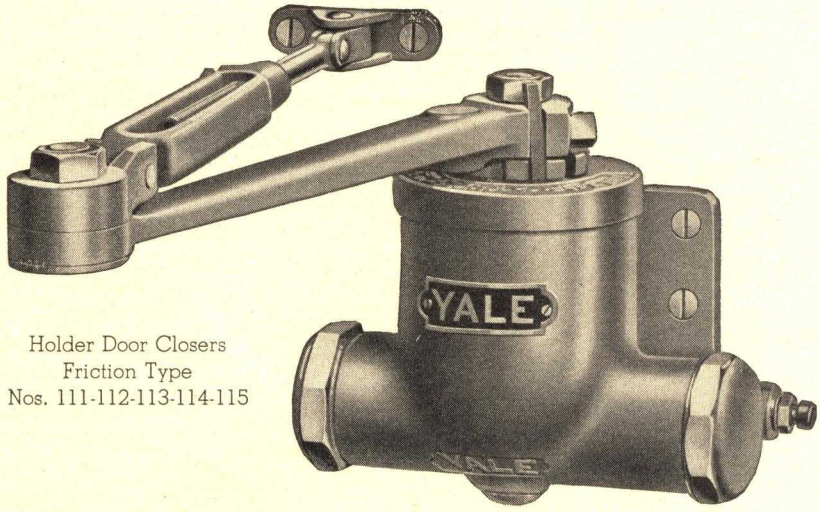
The Nos. NS11 and NS12, are particularly suitable for doors to bedrooms in hospitals and hotels where absolute quiet is desired, but where a non-automatic door closing feature is preferred.

For light inside doors, the No. NS11 will be satisfactory, but where the doors are three feet wide or over, the No. NS12 size should be used.

YALE HOLDER DOOR CLOSERS

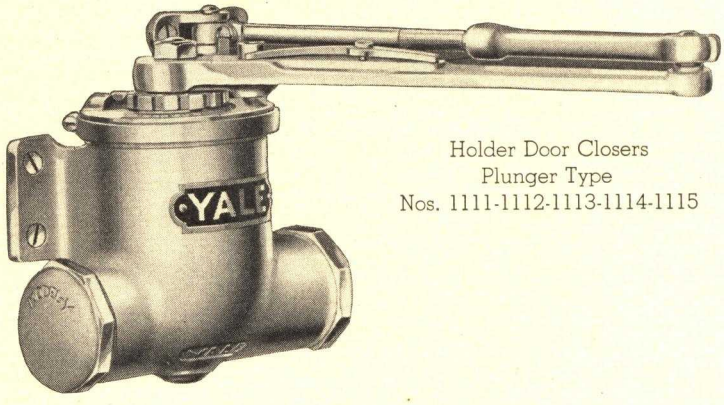
MODEL Y

Holder Door Closers. The Model Y Door Closers are furnished with two types of holders. One is a friction device located in the arm joint and the other is a roller plunger with stop block located on the top cap of the closer. Both of these methods are correct in principle and have been used with entire satisfaction for many years.



Holder Door Closers
Friction Type
Nos. 111-112-113-114-115

Friction Holder Closer. The friction holder consists of two friction surfaces engaged by means of an adjustable screw thread. It is located at the joint of the arms where it is most effective to hold the door open. It does not interfere with the normal action of the door and is inoperative until the door is opened to the holding position. It eliminates the need of an unsightly door holder and the resulting damage to floors and rugs. To adjust the holding position it is only necessary to open the door to the desired position up to a maximum of 95° and tighten the large hexagon nut at the arm joint.



Holder Door Closers
Plunger Type
Nos. 1111-1112-1113-1114-1115

Plunger Holder Closer. This holder differs from the friction type in that the hold open feature is a plunger in the main arm engaging with a hardened steel stop block on the top cap. The plunger has a roller at the bottom which has a rolling action when entering and leaving the recess in the stop block. By this device the door can be held open at any predetermined position up to 95° until released by a push or a pull. The angle at which door is held open may be easily adjusted by engaging the holder, loosening one of the clamp screws and moving the door to the new position after which the clamp screw is tightened.

YALE DOOR CLOSER

MODEL Y

Sizes: It is essential that the door closer selected is of ample size to properly close and control the door. If it is too small it cannot function properly and give the long service it would if of the proper size. Doors made of metal, or with heavy plate glass require larger closers than ordinary wood doors. The table below gives the correct size for the various sizes of doors. Where the doors are exposed to severe drafts, or, the closer is applied on a corner bracket, use one size larger than indicated in the table.

Cast Iron No.	Solid Cast Bronze No.	Description	Maximum Size of Door
11	B11	Ordinary screen doors and light interior doors	1⅛" x 2'6" x 6'6"
12	B12	Heavy screen doors	1⅜" x 3'0" x 7'0"
		Light interior doors	1⅜" x 2'8" x 7'0"
		Closet doors	1¾" x 2'8" x 7'0"
13	B13	Light exterior doors	1¾" x 2'6" x 7'0"
		Corridor or office doors, either wood or metal	1¾" x 3'4" x 7'0"
14	B14	Ordinary exterior doors	2¼" x 3'0" x 7'6"
		Heavy interior doors, either wood or metal	2¼" x 4'0" x 7'6
15	B15	Heavy exterior doors	3 " x 3'6" x 7'6"
		Heavy interior doors subject to strong drafts	
16	. . .	Extra heavy entrance doors or doors of unusual height or width and refrigerator doors, etc.	

Friction Type		Plunger Type		
Cast Iron No.	Solid Cast Bronze No.	Cast Iron No.	Solid Cast Bronze No.	With Holder Device (See page 10)
111	B111	1111	B1111	Ordinary screen doors and light interior doors — 1⅛" x 2'6" x 6'6"
112	B112	1112	B1112	Heavy screen doors — 1⅜" x 3'0" x 7'0"
				Light interior doors — 1⅜" x 2'8" x 7'0"
				Closet doors — 1¾" x 2'8" x 7'0"
113	B113	1113	B1113	Light exterior doors — 1¾" x 2'6" x 7'0"
				Corridor or office doors, either wood or metal — 1¾" x 3'4" x 7'0"
114	B114	1114	B1114	Ordinary exterior doors — 2¼" x 3'0" x 7'6"
				Heavy interior doors, either wood or metal — 2¼" x 4'0" x 7'6"
115	B115	1115	B1115	Heavy exterior doors — 3 " x 3'6" x 7'6"
				Heavy interior doors subject to strong drafts

Finishes: Door Closers are regularly furnished in Brown Lacquer (BL) finish. Also in Gold Bronzed, Silver Bronzed or Dead Black finish to order at the same price. Imitation of plated finishes and genuine plated finishes can be furnished at an additional price.

Packed: Each in a box; Nos. 11 to 14, 6 in a case; Nos. 15 and 16, 3 in a case. For weights, see below.

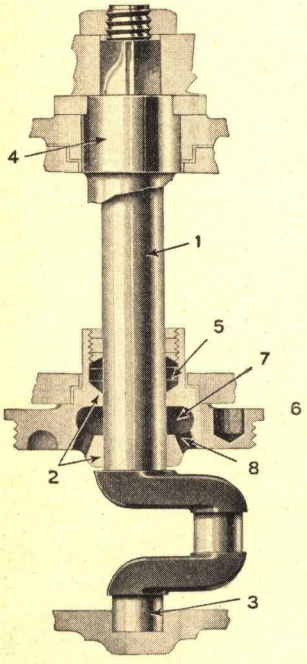
NO. RK13 AND RK14 RAILROAD CAR DOOR CLOSERS

The Nos. RK13 and RK14 Railroad Door Closers are the same as the regular Nos. 13 and 14 Door Closers shown on page 8, 9, etc., but with more than normal release action for use on Railroad Car Doors, especially where the cars are air-conditioned, as they require a greater release action due to atmospheric conditions and to overcome the stiff spring latchbolts usually used in car door locks. These door closers have the key regulating valve.

WEIGHTS OF MODEL Y DOOR CLOSERS

Regular Closers				Holder Door Closers			
No.	Weight Each	Number in Case	Weight per Case	No.	Weight Each	Number in Case	Weight per Case
11	5½ lbs.	6	34¼ lbs.	111	6 lbs.	6	37¼ lbs.
12	7½ "	6	46¾ "	112	8 "	6	50 "
13	10¼ "	6	64 "	113	11 "	6	68½ "
14	12 "	6	75¼ "	114	13 "	6	80 "
15	17 "	3	52½ "	115	17½ "	3	54 "
16	23½ "	3	72¼ "				

YALE DOOR CLOSER CONSTRUCTION



(1) **Crank Shaft:** This is one of the most important parts of the closer. The shafts in the Yale Door Closers are correct in design and accurate in workmanship. They are made of one piece of drop-forged steel of great strength and stiffness. They are accurately ground to size insuring minimum friction and long life.

(2) **Main Bearings:** These are in the combination packing nut where they maintain the alignment of the shaft and take the thrust from the connecting rod and piston.

(3) **Step Bearing:** The bottom end of the shaft is supported by a third bearing which prevents any lateral motion in the shaft when the closer is used on doors subject to heavy winds or drafts.

(4) **Top Bearing:** This is in the top cap and supports the shaft from the thrust of the closer arms.

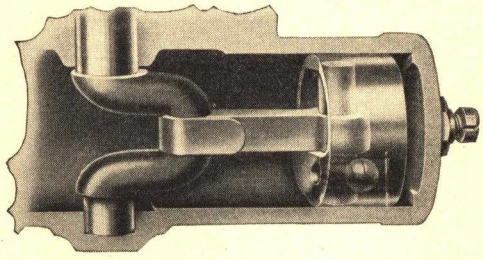
(5) **Shaft Packing:** This consists of three special leather washers, which prevent leakage of the liquid and yet are soft enough to reduce friction to a minimum.

(6) **Combination Packing Nut:** Special care has been taken in the design of the packing nut to prevent leakage, which, when it occurs, impairs the checking action of the device and, if serious, causes dripping of the liquid from the closer.

(7-8) **Capillary Chamber and Return Ports:** To prevent leakage the packing nut is provided with a capillary chamber. Liquid which may be carried up the shaft by capillary action will flow back to the main liquid chamber through return ports.

The Piston: The piston is accurately machined and ground insuring proper checking action for many years of constant use. A ball valve is fitted to a seat machined in the piston. It is held in place on the valve seat when under pressure and is retained when pressure is released by means of a pin.

The Connecting Rod: The connecting rod is unusually heavy, and is attached to the piston by means of a large pin; supported at both ends, not overhung. The connecting rod is always under compression when moving; thus a light strap is sufficient to secure it to the crank.



The Piston and Connecting Rod

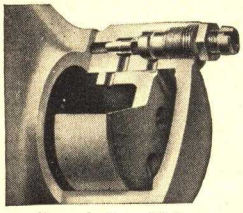
Fork Arm: A set screw is used to adjust the length of the fork arm instead of a threaded fork screw. This has two advantages—first, it allows the length of the fork arm to be adjusted without removing the arm at the joint; second, it clamps the adjusting arm solidly in one piece, preventing noise and rattle in operation.

Jamb Plate: This is made of heavy wrought steel, providing great strength. The hardened steel bearing in the connecting link insures long life and smooth action.

Spring Plates and Drivers: These are made of malleable iron to provide the greatest strength and efficiency.

YALE DOOR CLOSER CONSTRUCTION—Continued

Regulating Valve: The models Y and YR door closers incorporate a dual valve which, by a simple adjustment, provides any desired closing speed, from full opening to within a few inches of the closed position, and an independent adjustment giving any required action at the latch.



Regulating Valve

DIRECTIONS FOR REGULATING

Main Adjustment: Turn valve in or out until the desired closing speed is obtained. With closer correctly adjusted the checking should start to slow the door down at approximately 45° from the closed position.

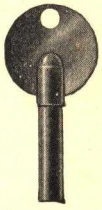
Latch Adjustment: When the closing speed is satisfactory, turn the valve slowly to the left or right until the desired speed is obtained at the latch. With the notch at top of the valve 

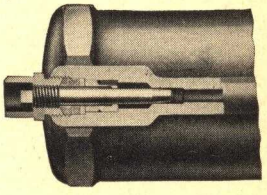
the checking is maximum at the latch, providing quiet closing; and with the notch about 45° to the right of the valve 

the release is at its maximum, allowing the door to close with full release.

Caution: Only a part of a turn is required to cover the full range of latch adjustment.

The Key Regulating Valve: Under some conditions it is advisable to install a door closer which can be regulated only by authorized persons. This has been found desirable in public buildings, railroad passenger cars and other locations frequented by the public. Yale Door Closers may be obtained with a key regulating valve and removable key.





Key Regulating Valve



Spring for
Model Y Closers
Nos. 11 to 16

Springs: The springs used in Yale Door Closers are made of the best grade of steel obtainable for the purpose and are uniformly coiled and carefully tempered to insure dependable service. All coils are thoroughly tested and inspected, to reduce to a minimum the possibility of breakage of this important part.

Only springs stamped with the word Yale should be used in Yale Door Closers to insure maximum service over a long period.



Spring for
Model YR Closers
Nos. 71 to 76

Liquid: The liquid used in Yale Door Closers is specially prepared to withstand wide ranges of temperature with a minimum change in viscosity. This results in a uniform closing speed in winter and summer. Being a lubricant, all moving parts immersed in the liquid operate with the least possible friction. Yale Door Closer Liquid should always be used in Yale Door Closers.

The quantity of Model YR Door Closers that can be filled from one gallon of door closer liquid, is as follows:

List No. of door closer	570	71	72	73	74	75	76
Quantity filled from one gallon	54	38	28	18	13½	9½	7½

Model Y Door Closers take about the same amount. One gallon of liquid weighs 11 lbs.

Material: Many different materials are used in the construction of Yale Door Closers. The case or shell is of special alloy grey iron, annealed in the most approved type of electric furnace. This casting has a very close grained structure insuring the retention of the liquid which will seep through ordinary castings. The crank shaft and the connecting rod are drop forgings of high grade steel, accurately ground to size. A combination packing nut serves as a bearing for the shaft and separates the spring chamber from the liquid chamber.

The main arm, which is subjected to a high strain when the closer is in operation, is malleable iron. This arm may bend under an extreme load but will not break. Malleable iron is also used for the fork arm, combination packing nut and several other important parts to insure against possible breakage at these points.

Yale Door Closers are as nearly perfect as it is mechanically possible to make them. From the first operation of casting the shell, to packing the closers for shipment, nothing is overlooked to insure a product free from defects.

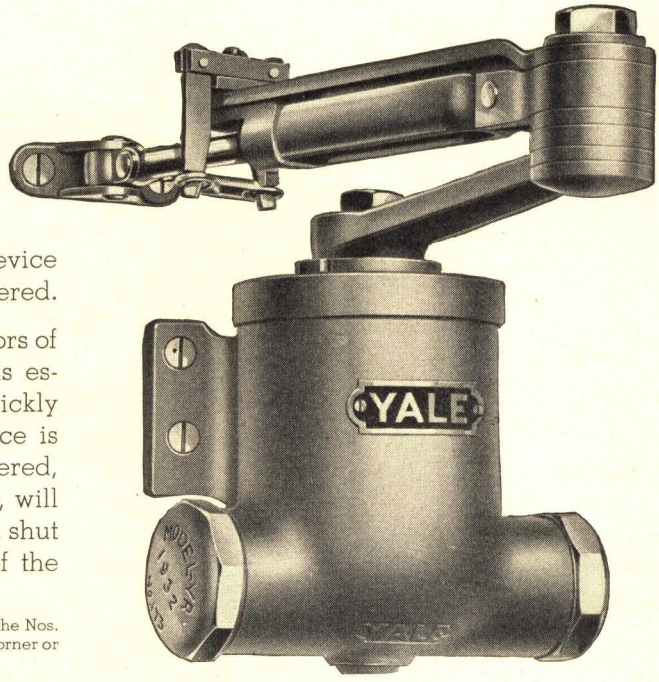
YALE HOLDER DOOR CLOSERS

MODEL YR

With Fusible Link for Fire Doors

Nos. 173F, 174F and 175F
Holder Door Closers
with Fusible Link
Friction Type.

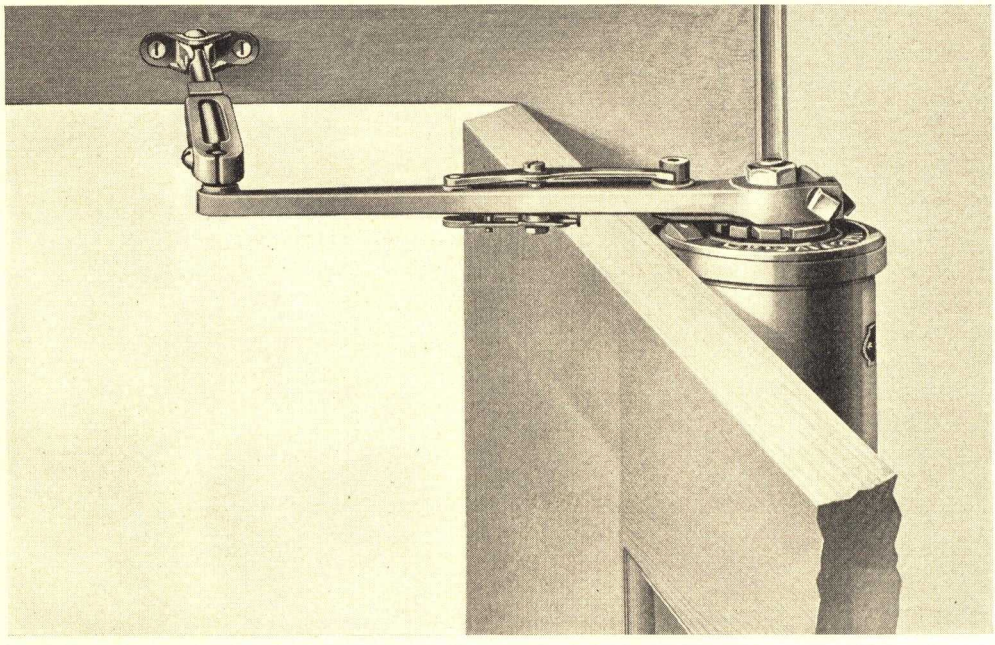
Nos. 173F, 174F and 175F approved
by National Board of Fire Underwriters



The Model YR line of door closers with Holder Device can be furnished with a Fusible Link when so ordered.

Where the Holder Door Closer is used on the doors of warehouses, schools, office buildings, etc., it is essential that in the event of fire, the door be quickly closed. To accomplish this the hold-open device is constructed with a Fusible Link, when so ordered, which, when subjected to the heat from a blaze, will melt and release the holder. The closer will then shut the door, temporarily preventing the spread of the fire.

When the Nos. 173F, 174F or 175F closers are wanted with a bracket, the Nos. 1253, 1254 or 1255 special corner brackets must be used, as the regular corner or soffit brackets cannot be used for these closers.

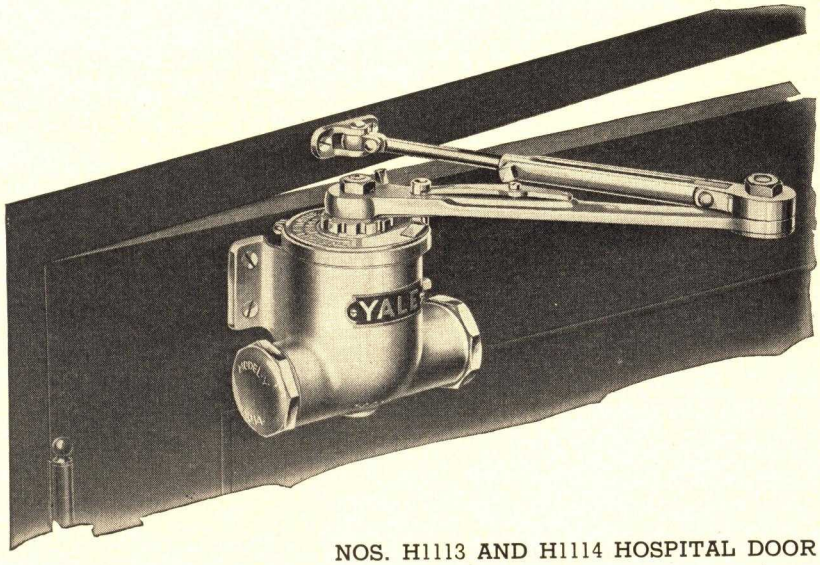


Nos. 1173F, 1174F and 1175F Holder Door Closers with Fusible Link Plunger Type

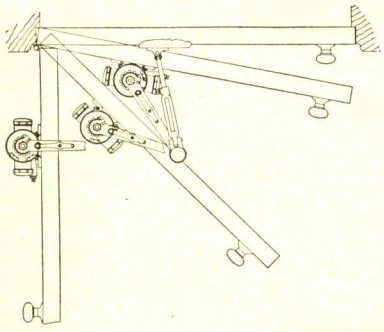
Where the Holder Door Closer is used on the doors of warehouses, schools, office buildings, etc., it is essential that in the event of fire, the door be quickly closed. To accomplish this the hold-open device is constructed with a Fusible Link, when so ordered, which, when subjected to the heat from a blaze, will melt and release the holder-plunger. The closer will then shut the door, temporarily preventing the spread of the fire.

YALE DOOR CLOSERS

FOR THE CONTROL OF HOSPITAL PATIENT ROOM DOORS



NOS. H1113 AND H1114 HOSPITAL DOOR CLOSERS



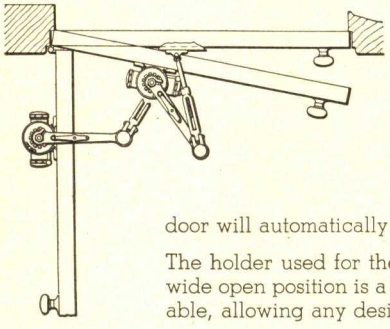
These door closers differ in their action from the Nos. H113 and H114 described below, in that they always allow the door to completely close each time it is opened unless it is intentionally set at one of the holding positions. It holds the door ajar at 10° (5 or 6 inches) or at 45° (half open) as desired, for ventilation or privacy, also at the full opening of 90 to 130° to allow moving patients and furniture.

When it is desired to hold the door open for ventilation or privacy it is opened a few inches beyond the holding position and slowly closed until the plunger engages the stop block. A slight push or pull will release it after which the door will continue to open and close in the normal manner until intentionally set again.

The holder used for the ajar and 45° positions is a modified plunger and the full opening holder is a friction holder at the arm joint. The holding positions for ventilation and full opening are independently adjustable.

The Nos. H1113 and H1114 Door Closers are furnished with standard regulating valves but can be furnished to order with the key regulating arrangement, Nos. KH1113 and KH1114.

NOS. H113 AND H114 HOSPITAL DOOR CLOSERS



These door closers are arranged to hold the door open in one of two positions; open at any angle up to 100°; ajar about four to six inches as desired; and closed.

The closer may be set to hold the door open at any angle up to 100° and held in that position until released by a slight pull. When released it will close to within a few inches of the stop or closed position, where it will be held to allow ventilation and privacy. If the door is desired closed from this point, a slight push from within or pull from the outside will cause it to close. In passing to and from the room, the door will automatically assume the "ajar" position in closing, unless it is desired to hold it wide open.

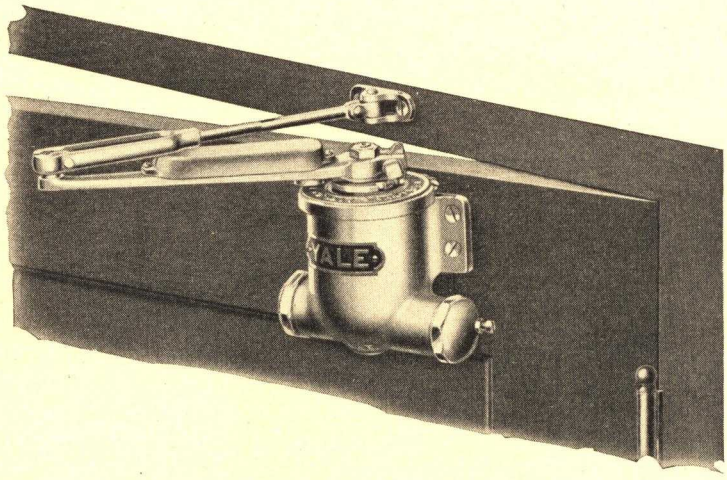
The holder used for the ventilating and privacy position is the roller plunger device, while the holder for the wide open position is a friction device in the arm joint. Both of these holding positions are independently adjustable, allowing any desired setting for either position.

The Nos. H113 and H114 Door Closers are furnished with standard regulating valves, but can be furnished to order with the key regulating arrangement, Nos. KH113 and KH114.

Finishes: Door Closers are regularly furnished in Brown Lacquer (BL) finish. Also in Gold Bronzed, Silver Bronzed, or Dead Black finish to order at the same price. Imitation of plated finishes and genuine plated finishes can be furnished at an additional price.

YALE DOOR CLOSERS

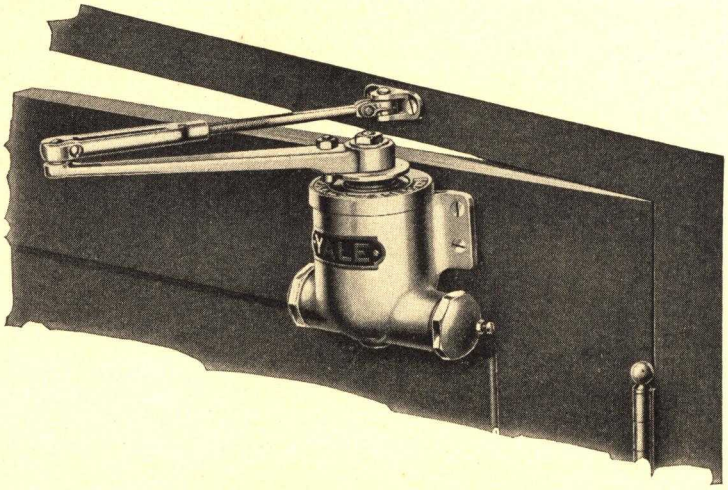
No. CB172 for Controlling Coupon Booth Doors



The No. CB172 door closer has a balanced trigger on the main arm engaging with a cam on the top cap. In operation, when the door is opened slowly until the trigger engages, the door will be held in that position, indicating that the booth is unoccupied. The point at which the device may be adjusted to hold the door open is optional. When a customer opens the door to enter the booth, the trigger is released and the door closes. When he leaves, the door will close and lock. No one can again enter the booth until the guard has unlocked the door and reset the closer. The closer is not reversible and cannot be changed from one hand to the other.

Finishes: Door Closers are regularly furnished in Brown Lacquer (BL) finish. Also in Gold Bronzed, Silver Bronzed, or Dead Black finish to order at the same price. Imitation of plated finishes and genuine plated finishes can be furnished at an additional price.

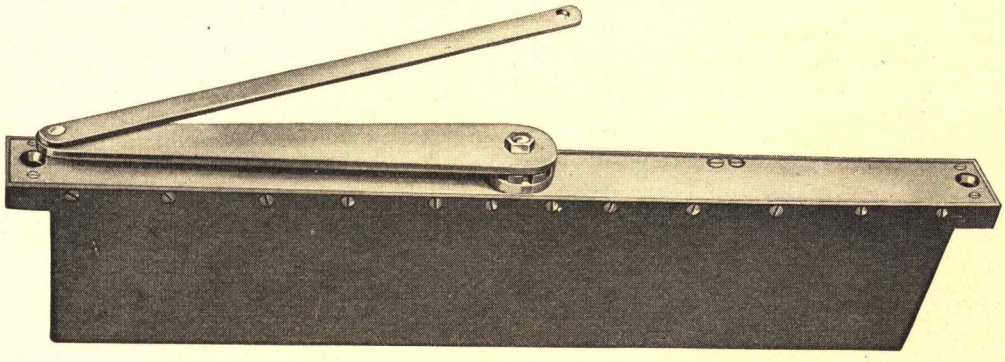
No. TB72 for Controlling Telephone Booth Doors
Also Suitable for Bath and Toilet Room Doors



The No. TB72 door closer is arranged to close the door in the regular way to within a few inches of the latch, where it is held to allow ventilation and also to indicate that the booth is unoccupied. When the booth is in use the door may be pulled shut and latched. When the user leaves the booth the door will resume the ajar position in readiness for the next occupant.
The TB72 door closer is also adapted for use on bath and toilet room doors. When not in use the door is held open a few inches, indicating that the room is not occupied. When in use, it is only necessary to close the door and throw the bolt. When the occupant leaves the room, the door will again resume the ajar position. This closer can be used on doors of either hand without reversing.

Finishes: Door Closers are regularly furnished in Brown Lacquer (BL) finish. Also in Gold Bronzed, Silver Bronzed, or Dead Black finish to order at the same price. Imitation of plated finishes and genuine plated finishes can be furnished at an additional price.

YALE CONCEALED DOOR CLOSER
FOR METAL OR WOOD DOORS



Yale Concealed Door Closer before placing in door

No. 03 for Metal Doors

No. 03W for Wood Doors

For many years architects have sought a concealed door closing device—one that would perform its functions efficiently and, at the same time, do away with the objectionable appearance of the exposed type, which they justly considered a hindrance to achieving a beautiful interior.

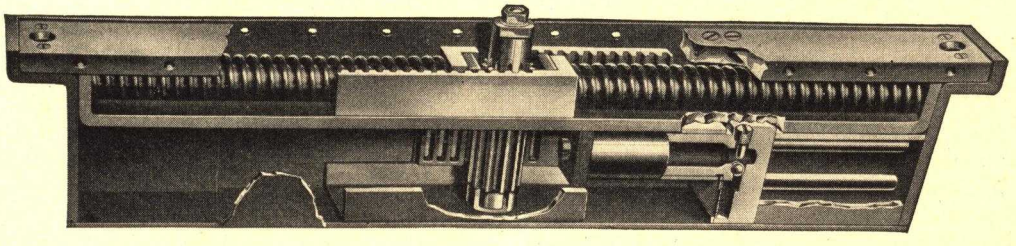
No longer is it necessary to stress the desirability of having doors equipped with door closers. In most modern buildings they are looked upon as necessities, for the quiet comfort they bring. The Yale Concealed Door Closer has an additional advantage—that the door with practically no visible contrivance closes steadily, quietly and firmly as soon as your hand leaves the knob.

This device was made primarily for application on metal doors, but it can also be applied to wood doors, providing the door is at least 1¾ in. thick, with a top rail of 5 inches or more in depth. When used on wood doors, it is equipped with two metal side plates which are fitted flush with the door and painted or stained to match the door.

The Yale Concealed Door Closer cannot be installed in metal doors that are now set in place, as the door must be prepared for the closer at the factory when the door is made.

The Yale Concealed Door Closer is regularly packed with instructions for application and **as this closer is not reversible, the hand of the door must be given.**

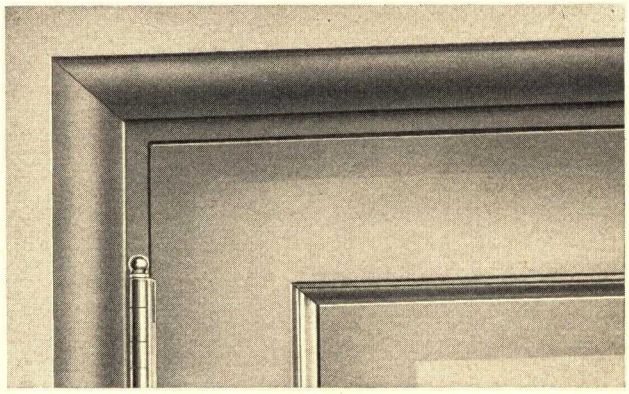
If you have any special conditions of application, etc., submit your problems to us and we will send you drawing showing how the concealed door closer can be applied.



Interior construction of Yale Concealed Door Closer

YALE CONCEALED DOOR CLOSER—Continued

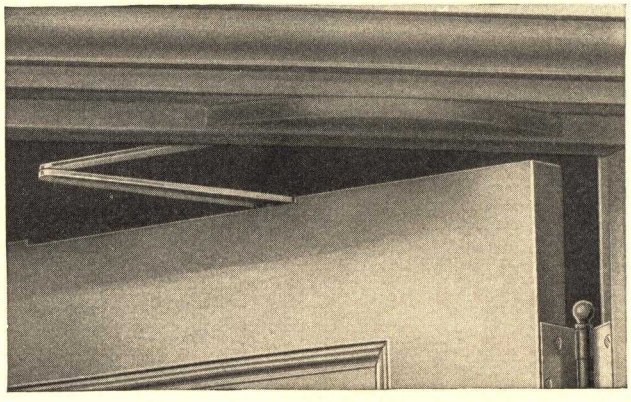
FOR METAL OR WOOD DOORS



View from inside of door equipped with Yale Concealed Door Closer.
Note the entire absence of any evidence that the door is thus controlled

10 Outstanding Features of the Yale Concealed Door Closer

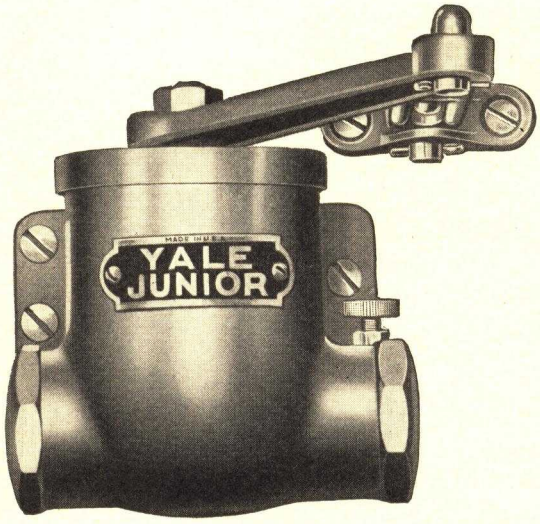
1. Concealed from view—mortised into door like a lock.
2. Two compression springs apply their power to the spindle by means of two racks. Racks are so arranged that the turning force is balanced, reducing the side pressure on the shaft bearings and producing a high rate of efficiency.
3. Employs hydraulic checking cylinder, the piston operated by a rack and pinion which gives long checking, enabling the closer to control doors that are subject to strong drafts.
4. Easily regulated by two screws conveniently located on the top of the case—one to control the door through the main closing swing and the other to control it at the latch.
5. A high grade mineral oil is used as a checking medium, assuring continuous lubrication.
6. Noiseless in operation. Smooth and free from backlash.
7. Permits the door to be opened 180 degrees—flat back against the wall.
8. Suitable for both wood and metal doors.
9. Can be used on 1¾ in. doors. Case is only 4½ in. deep.
10. Thoroughly tested for efficiency and durability.



View of the door partly open. The only part of the Yale Concealed Door Closer in evidence is the slender arm that controls the door

YALE DOOR CLOSERS

FOR SCREEN AND LIGHT INSIDE DOORS



No. 570
For screen and light weight inside doors

No. 570

For Application on Hinged Side of Door

The No. 570 door closer embodies substantially the same mechanical features of construction as the larger Model YR door closers.

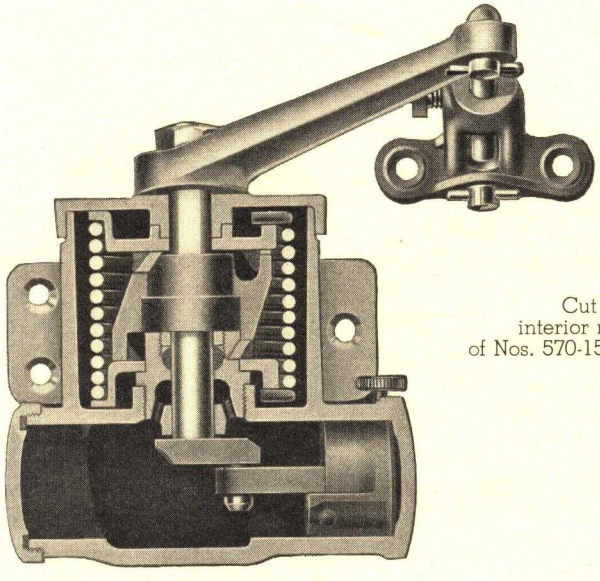
This lighter model door closer is particularly suitable for application on screen doors, coat closet doors, inside kitchen doors, bathroom doors, toilet doors and other light inside doors.

No. 570 is for use on doors of either hand without reversing.

A template is packed with these door closers making it possible for anyone to apply them correctly.

No. 570 Door Closers are regularly furnished in Brown Lacquer (BL) finish. Also in Gold Bronzed, Silver Bronzed or Dead Black finish to order, at the same price.

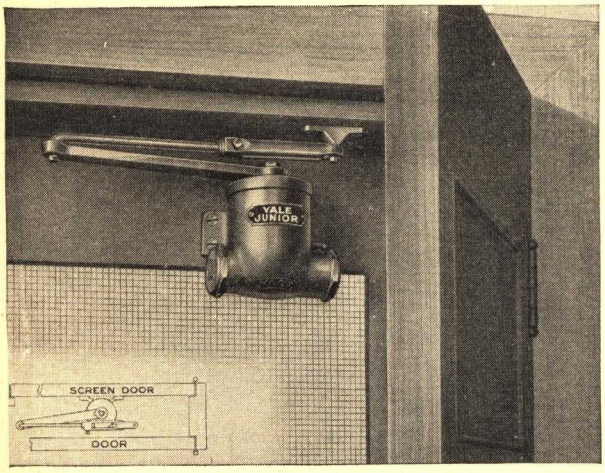
Packed: 6 in a case. **Weight:** 5 lbs. each; 31½ lbs. per case.



Cut shows
interior mechanism
of Nos. 570-1570 Door Closers

YALE DOOR CLOSERS

FOR SCREEN AND LIGHT INSIDE DOORS



No. 1570
For use between doors

No. 1570

For Application Between Doors

The No. 1570 door closer is for application between doors in a minimum space of 3⅝ inches. It is especially suitable for use between the screen and the entrance door; also for use on inside of closet doors and other doors when desirable to make the door closer inconspicuous.

No. 1570 is "handed," but may be readily changed for application on a door of the opposite hand. To change the "hand" remove the top nut and reverse the position of the main arm on the shaft so that it points in the opposite direction. The position of the spring is not changed.

The No. 570 door closer may be converted to a No. 1570, or the No. 1570 changed to a No. 570, by substituting a few parts, as described below.
No. 1570 door closers are regularly furnished in Brown Lacquer (BL) finish. Also in Gold Bronzed, Silver Bronzed or Dead Black finish to order, at the same price.
Packed: 6 in a case. **Weight:** 5 lbs. each; 31½ lbs. per case.

NOS. 570 AND 1570 DOOR CLOSERS

Convertible Feature

The No. 570 door closer is designed for application on the hinged side of the door while the No. 1570 is intended for use on the inside or between doors. However, by using parts made for the purpose, either may be converted into the other.
The top end of the crank shaft is triangular in shape and the opening in the main arm is the same shape. This permits of placing the main arm on the shaft at right angles to the door (No. 570) or to lie parallel with the door (No. 1570).

No. 570 Door Closer

When set up for standard application the closer is known as No. 570 and the arrow on the crank shaft points to the letter "A" on the main arm. When used this way the closer is reversible and can be applied to either a right or left hand door without any change in the parts.

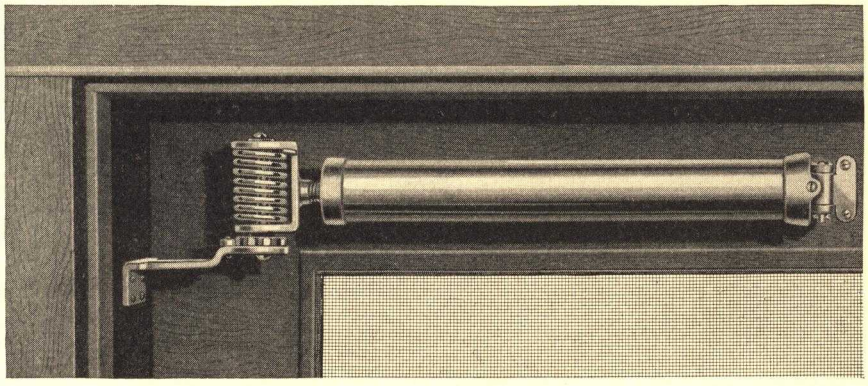
No. 1570 Door Closer

When set up for between-door application the closer is known as No. 1570 and the arrow on the crank shaft points to the letter "B" for right hand and "C" for left hand doors. When set this way the arms lie parallel to the door and the closer may be applied o a screen or other light door having a 3½ inch top rail and at least a space of 3⅝ inches between the doors.

Convertible Features

The No. 570 door closer may be readily converted into a No. 1570 by changing the position of the arm on the crank shaft to "B" or "C" as desired and substituting soffit bracket No. 220 and fork arm No. 335A in place of parts Nos. 331-335. The dealer can supply both the Nos. 570 and 1570 models by carrying a stock of No. 570 door closers and a few sets of 220-335A parts.
A direction sheet, showing how to change the closer from No. 570 to No. 1570 and also how to apply the closer between doors after the change is made, is included with each set of the parts.
Parts 331-335, which have been removed from the No. 570 when converting it into a No. 1570 may be saved and later used to change the No. 1570 into a No. 570. The bent rod (335A) in the fork arm cannot be used when closer is applied as No. 570, as it will not clear the top of the door.
Where possible to do so we recommend the use of No. 570 closer for general use and the use only of the No. 1570 when the No. 570 may be directly exposed to the weather. Our reasons for this are that the No. 570, because of its method of application, gives more spring power and is more easily applied than the other model.

PNEUMATIC SCREEN DOOR CLOSERS



No. 506 with visible spring

Seamless brass tube, 10½ x 1¼ in. Heavy wrought steel brackets. Heavy duty steel wire spring.

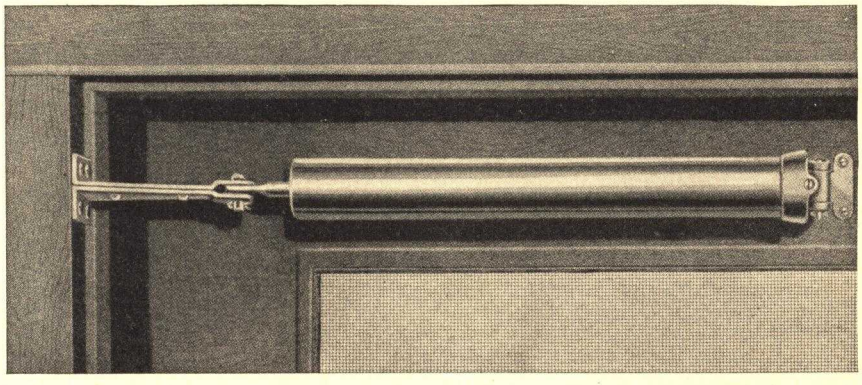
The piston is equipped with a heavy steel washer which backs up the leather washer and prevents it from getting out of position. Constant friction against the side of the tube is obtained by a brass spring, which assures proper operation.

Right or left hand without change in mechanism. Can be applied on the inside between doors or on the outside.

Space required between doors, 2 in. Length overall, 16 in. The spring tension may be adjusted with a wrench.

Packed: Each in a box with wrench and directions.

Weight: Each 2 lbs. 3 oz.



No. 504 with concealed spring

Wrought steel tube, 10¾ x 1¼ in. Heavy wrought steel brackets. Right or left hand without change in mechanism.

Can be applied only on the inside between doors. Space required between doors, 2 in. Length overall, 16 in.

Packed: Each in a box with directions.

Weight: Each 1 lb. 5 oz.

BRACKETS

FOR YALE DOOR CLOSERS

Refer to illustrations on the following pages showing the position in which the door closer is to be placed. The text will indicate the hand of door and whether or not a bracket is necessary. Avoid using brackets when not really needed.

Door closers without brackets are applied to inner or hinge side of doors (see page 23) and are recommended wherever the conditions permit.

LIST NUMBERS OF BRACKETS:

No. 201 Series: Soffit bracket; see page 23.

" **211** " Special soffit bracket for twin doors or between doors; see page 25.

" **221** " Universal bracket for round top doors; see page 25.

" **231** " Flat bracket for round top doors; see page 23. For use when closer is applied to door.

" **241** " Flush bracket; see page 23. For use when closer is applied to jamb.

" **251** " Corner bracket; see page 23.

" **261** " Soffit bracket for Gothic doors; see page 24.

" **271** " Flat bracket for Gothic doors; see page 24.

" **293** " Adjustable bracket for circular top doors, when the closer is placed on opposite the hinge side of the door see page 24.

" **303** " Offset bracket for circular top doors, when the closer is placed on the hinge side of the door; see page 25.

" **312A** " Adjustable soffit bracket, angle type; see page 26.

" **312F** " " " " flat type; see page 26.

To properly execute an order for brackets, the following information, in addition to the list number, must always be furnished.

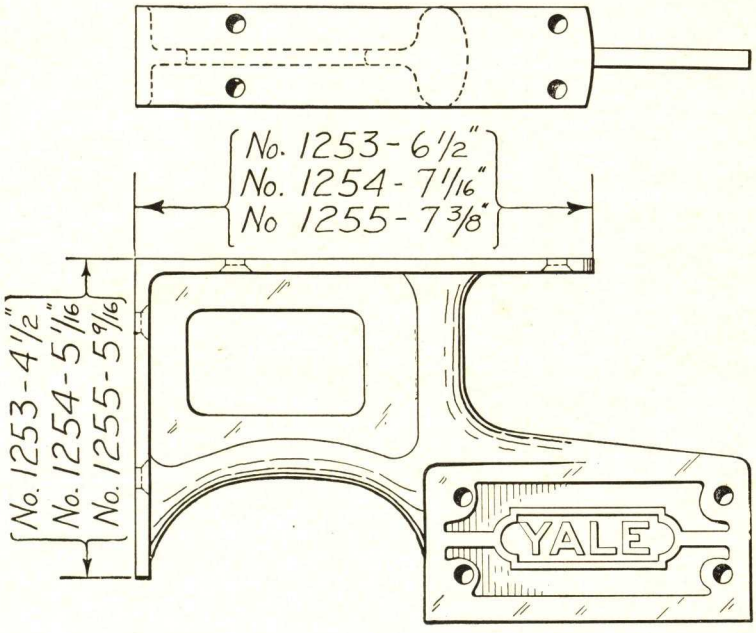
No. 211 Series: Distance between face of doors, indicated at R (see illustration).

" **221** " Distance between face of door and face of soffit.

" **261** " Detail of trim.
Height of spring line at E.
Radius for top of door, indicated at A.
Width of door stile indicated at B.
Width of soffit, indicated at G.
Height, width and thickness of door.
Required door opening, in degrees.

" **271** " Detail of trim.
Height of spring line at E.
Radius for top of door, indicated at A.
Width of door stile, indicated at B.
Width of soffit face, indicated at C.
Height, width and thickness of door.
Required door opening, in degrees.
If the door frame projects beyond the door, a special raising block is required. Give distance between face of door and face of soffit, as indicated at D.

SPECIAL CORNER BRACKETS FOR YALE DOOR CLOSERS

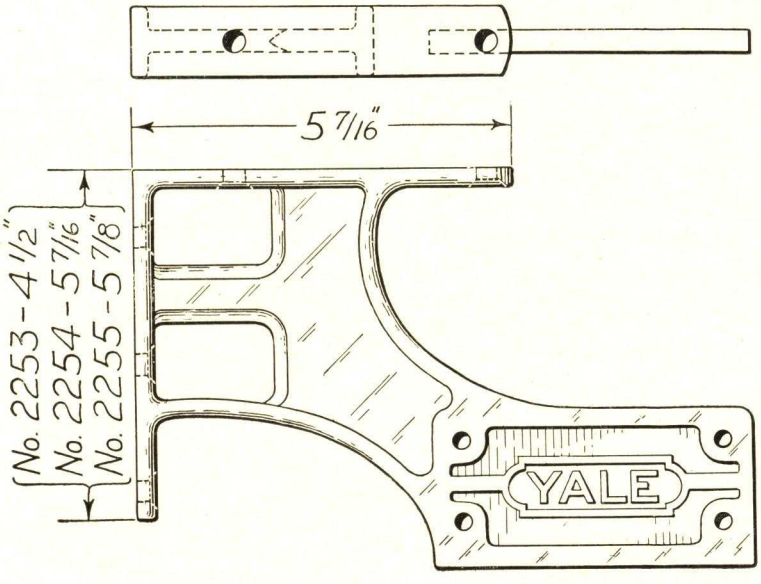


Nos. 1253, 1254 and 1255 Special Corner Brackets

Width of Base Plate, No. 1253, $1\frac{7}{16}$ in.; No. 1254, $1\frac{5}{8}$ in.; No. 1255, $1\frac{11}{16}$ in.

The Nos. 1253, 1254 and 1255 brackets are used with the Nos. 73, 74, 75, 13, 14 and 15 closers on doors on which there is also in use the Glynn-Johnson "Aristocrat" door holders.

They are also used with the Nos. F173, F174 and F175 fusible link door closers, where a corner bracket is required.



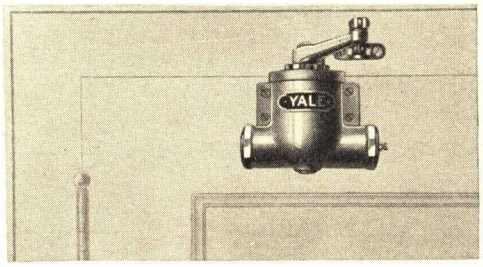
Nos. 2253, 2254 and 2255 Special Corner Brackets

Width of Base Plate on Nos. 2253, 2254 and 2255 is 1 in.

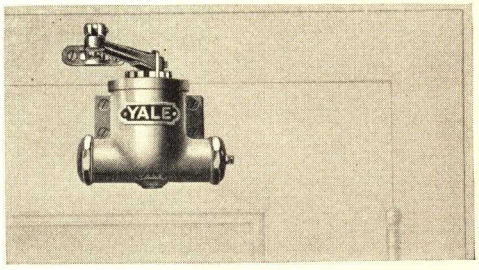
The Nos. 2253, 2254 and 2255 are special corner brackets for use with the Nos. 73, 74, 75, 13, 14 and 15 closers on doors on which there is also in use the Glynn-Johnson door holders of the GJ90 series.

Brackets can be furnished in solid bronze metal. In ordering, prefix "B" to list numbers of iron brackets.

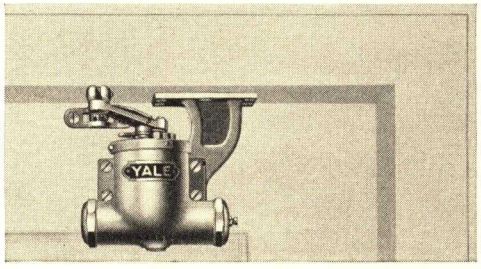
BRACKETS FOR YALE DOOR CLOSERS



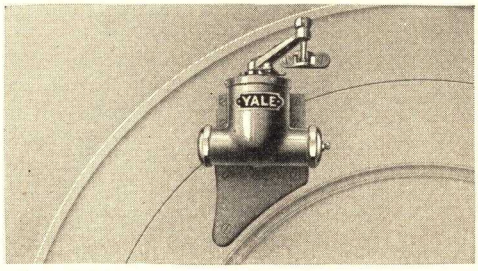
Right-hand door. Use right-hand closer
No bracket required



Left-hand door. Use left-hand closer.
No bracket required

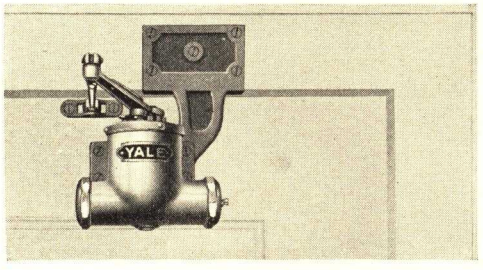


No. 201 Type. Soffit Bracket on right-hand door.
Use left-hand closer

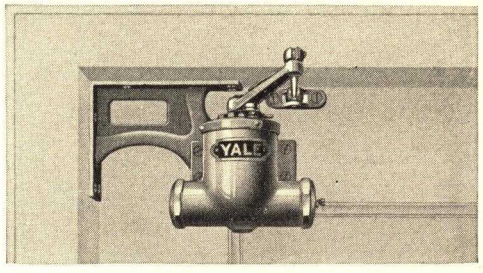


No. 231 Type. Flat Bracket on right-hand door.
Use right-hand closer

For Door Closer No.	11 and 111 71 " 171	12 and 112 72 " 172	13 and 113 73 " 173	14 and 114 74 " 174	15 and 115 75 " 175	16 76
Use Soffit Bracket No.	201	202	203	204	205	206
Width of base plate	1⅛ in.	1 7/16 in.	1 7/16 in.	1⅝ in.	1 11/16 in.	1¾ in.
Use Flat Bracket No.	231	232	233	234	235	236



No. 241 Type. Flush Bracket on right-hand door.
Use left-hand closer

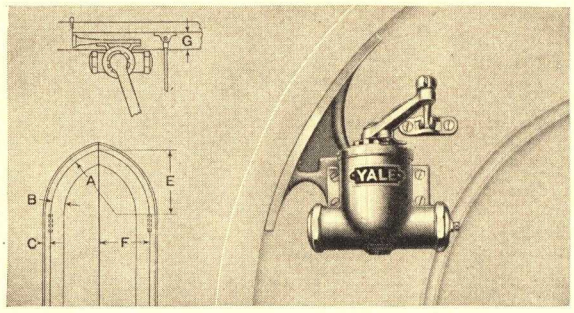


No. 251 Type. Corner Bracket on left-hand door.
Use right-hand closer

For Door Closer No.	11 and 111 71 " 171	12 and 112 72 " 172	13 and 113 73 " 173	14 and 114 74 " 174	15 and 115 75 " 175	16 76
Use Flush Bracket No.	241	242	243	244	245	246
Use Corner Bracket No.*	251	252	253	254	255	256
Width of base plate	1⅛ in.	1 7/16 in.	1 7/16 in.	1⅝ in.	1 11/16 in.	1¾ in.

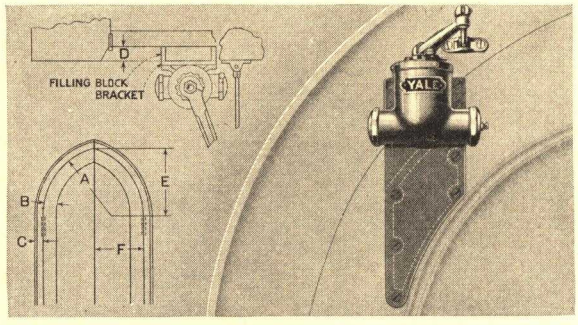
* These brackets, except Nos. 251 and 256, can be supplied with base plate 1 in. wide, for use on metal trim
Brackets can be furnished in solid bronze metal. In ordering, prefix "B" to list numbers of iron brackets

BRACKETS FOR YALE DOOR CLOSERS



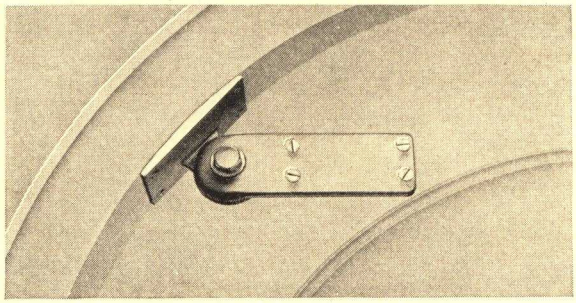
†Soffit Bracket. Left-hand door from outside. Use right-hand closer

For Door Closer No.	11 and 111 71 " 171	12 and 112 72 " 172	13 and 113 73 " 173	14 and 114 74 " 174	15 and 115 75 " 175	16 76
Use Bracket No.	261	262	263	264	265	266



†Flat Bracket. Right-hand door from inside. Use right-hand closer

For Door Closer No.	11 and 111 71 " 171	12 and 112 72 " 172	13 and 113 73 " 173	14 and 114 74 " 174	15 and 115 75 " 175	16 76
Use Bracket No.	271	272	273	274	275	276



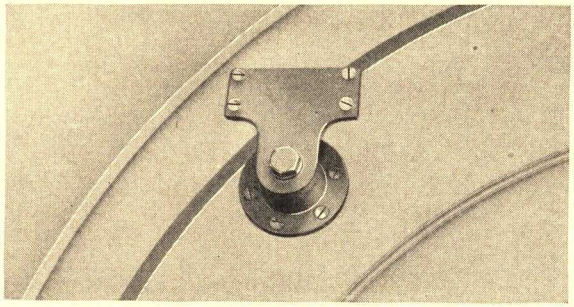
Adjustable Bracket for circular top doors, when the closer is placed on opposite the hinge side of door

For Door Closer No.	13 and 113 73 " 173	14 and 114 74 " 174	15 and 115 75 " 175
Use Adjustable Bracket No.	293	294	295

Brackets can be furnished in solid bronze metal. In ordering, prefix "B" to list numbers of iron brackets.

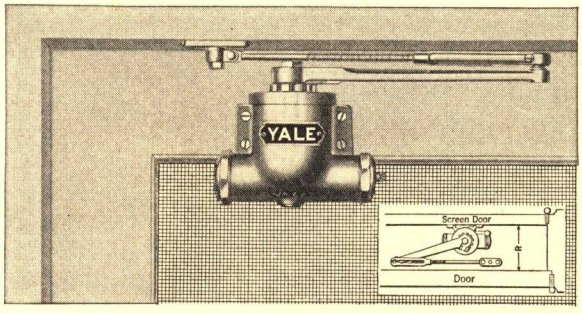
†These brackets are special and are made to dimensions furnished by customer.

BRACKETS FOR YALE DOOR CLOSERS



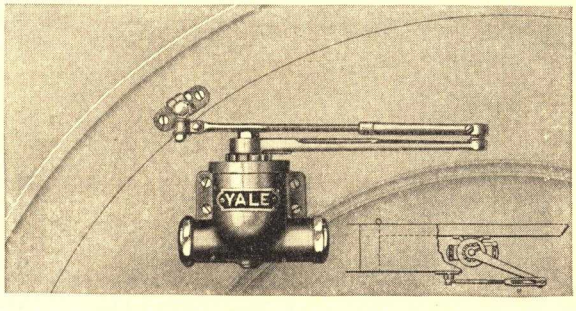
Offset Bracket for circular top doors, when the closer is placed on the hinge side of the door

For Door Closer No.	13 and 113 73 " 173	14 and 114 74 " 174	15 and 115 75 " 175
Use Offset Bracket No.	303	304	305



*Special Soffit Bracket. Left-hand door from inside. Use left-hand closer

For Door Closer No.	11 and 111	71 and 171	12 and 112	72 and 172	13 and 113	73 and 173	14 and 114	74 and 174
Use Bracket No.	211	211	212	212	213	213	214	214
Minimum distance "R"	3¾ in.	3 15/16 in.	4 in.	4 3/16 in.	4½ in.	4 11/16 in.	4¾ in.	5 1/16 in.



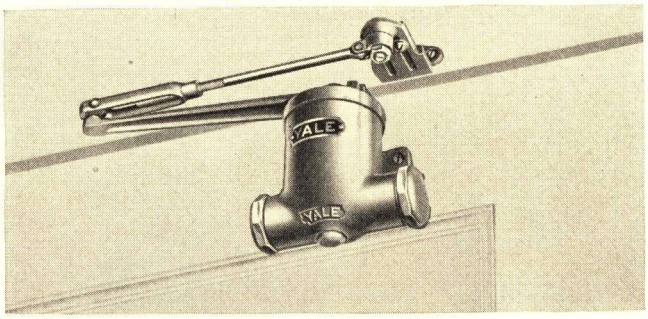
*Universal Bracket. Left-hand door from inside. Use left-hand closer

For Door Closer No.	11 and 111 71 " 171	12 and 112 72 " 172	13 and 113 73 " 173	14 and 114 74 " 174
Use Bracket No.	221	222	223	224

*These brackets must be ordered complete with closers, as specia machining is necessary on the arm. If ordered for use with regular closers, the bracket with complete main and forked arm must be ordered. Specify hand.

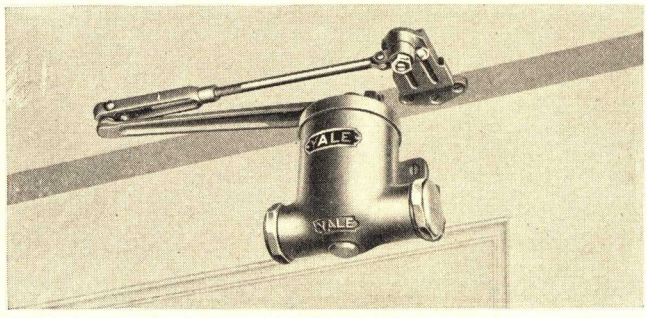
Special conditions of construction sometimes exist making it impractical to apply a door closer with any regular bracket as illustrated. When conditions of this character exist, full information in the form of blue prints or sketches showing design of door and jamb may be referred to us, as it is possible to design brackets suitable for nearly all unusual requirements.

BRACKETS FOR YALE DOOR CLOSERS



No. 312A* Adjustable Soffit Bracket, Angle Type

For use with parallel arm closer applications, where the depth of the door casing will not permit the use of the No. 211 series bracket. Made only in one size, which is used for Nos. 12 to 15 and 72 to 75 closers.

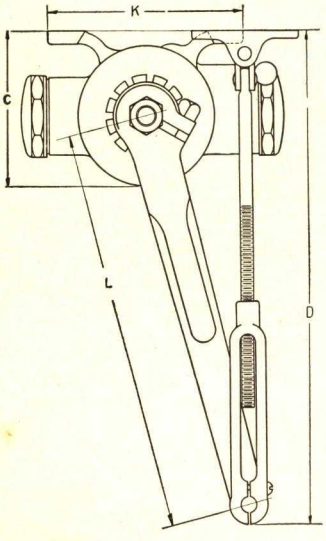


No. 312F* Adjustable Soffit Bracket, Flat Type

For use with parallel arm closer applications, where the depth of the door casing will not permit the use of the No. 211 series bracket. Made only in one size, which is used for Nos. 12 to 15 and 72 to 75 closers.

*When Nos. 312A or 312F brackets are ordered alone without closers, parts Nos. 524 533 534 542 and 547 should also be ordered as these parts are special for these brackets. Give size of closer and hand.

MEASUREMENTS OF DOOR CLOSERS

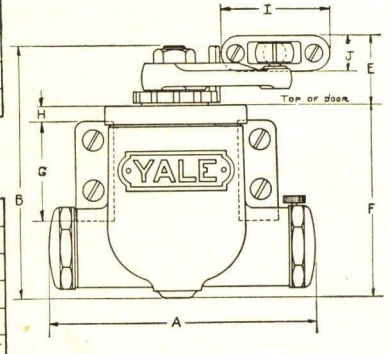


MODEL "Y" 11 TO 15 — 111A TO 115A

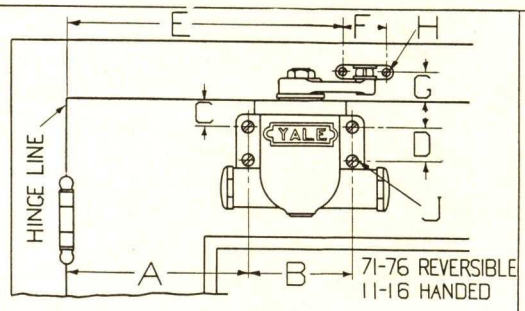
LIST Nº	A	B	C	D	E	F	G	H	I	J	K	L
11	4 7/16"	4 3/4"	3"	8 3/4"	1 1/2"	3 1/2"	1 5/8"	3/8"	2 1/4"	3/4"	3 5/16"	7"
12	5 3/8"	5 1/2"	3 7/16"	9 15/16"	1 11/16"	4"	2 1/8"	1/2"	2 5/16"	7/8"	3 15/16"	8"
13	6 1/8"	5 11/16"	3 5/8"	11"	1 11/16"	4 3/8"	2 1/4"	3/8"	2 7/16"	7/8"	4 5/16"	9"
14	6 5/8"	6 7/16"	4"	12 1/4"	1 11/16"	5 1/8"	2 3/16"	3/8"	2 7/16"	7/8"	5 5/16"	10"
15	7 1/8"	7 1/4"	4 5/16"	13 7/16"	1 13/16"	5 13/16"	2 7/8"	5/8"	2 5/8"	1"	5 5/8"	11"

MODEL "YR" 71 TO 76 — 171 TO 175

LIST Nº	A	B	C	D	E	F	G	H	I	J	K	L
71	4 7/16"	4 3/4"	3 3/8"	9"	1 3/8"	3 5/8"	1 5/8"	3/8"	2 1/4"	3/4"	3 5/16"	7"
72	5 3/8"	5 3/4"	3 11/16"	10 1/16"	1 1/2"	4 5/8"	2 1/8"	3/16"	2 5/16"	7/8"	3 5/16"	8"
73	6 1/8"	6 1/4"	3 15/16"	11 3/16"	1 1/2"	5 1/8"	2 1/4"	7/16"	2 7/16"	7/8"	4 3/16"	9"
74	6 5/8"	7 1/16"	4 3/16"	12 7/16"	1 1/2"	5 7/8"	2 3/16"	3/8"	2 7/16"	7/8"	5 3/16"	10"
75	7 1/8"	7 15/16"	4 7/16"	13 1/2"	1 11/16"	6 5/8"	2 7/8"	9/16"	2 5/8"	1"	5 5/8"	11"
76	7 7/8"	8 1/2"	4 1/2"	14 1/2"	1 5/8"	7 3/16"	3 7/16"	11/16"	2 5/8"	1"	6"	12"



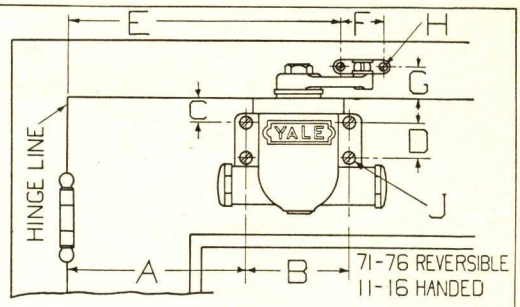
STANDARD DOOR CLOSER APPLICATIONS



THIS APPLICATION GIVES FULL SPRING POWER

CLOSER LIST No		DEMENSIONS IN INCHES A	B	C	D	E	F	G	MACHINE SCREW H	J
11	71	6 1/16	2 21/32	3/4	25/32	9 7/16	1 5/8	1 1/8	10-24 1/2	10-24 1/2
12	72	7 13/32	3 7/32	1	1	10 7/16	1 5/8	1 3/16	10-24 1/2	12-24 3/4
13	73	8 5/32	3 1/16	7/8	1 1/8	11 3/8	1 3/4	1 7/32	12-24-1	12-24 3/4
14	74	8 5/16	4 5/32	27/32	1 11/32	13 1/8	1 3/4	1 9/32	12-24-1	5/16-18-3/4
15	75	9 25/32	4 7/16	1 3/16	1 15/32	14 1/16	1 7/8	1 3/8	1/4-20-1	5/16-18-3/4
16	76	10 1/16	4 21/32	1 5/16	1 23/32	15 1/16	1 7/8	1 7/32	1/4-20-1	5/16-18-3/4

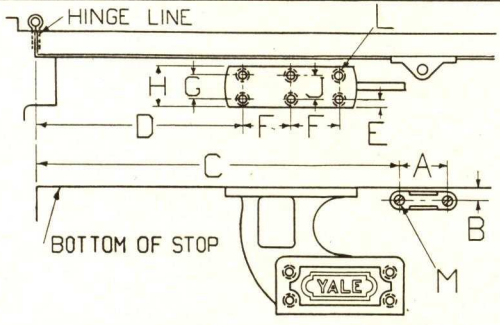
CLOSER APPLIED TO FACE OF DOOR OPENING 90° WITH REGULAR LENGTH ARM & 180° WITH LONG ARM



THIS APPLICATION REDUCES SPRING POWER 1/5

CLOSER LIST No		DEMENSIONS IN INCHES A	B	C	D	E	F	G	MACHINE SCREW H	J
11	71	4 3/16	2 21/32	3/4	25/32	6 15/16	1 5/8	1 1/8	10-24 1/2	10-24 1/2
12	72	4 29/32	3 7/32	1	1	7 15/16	1 5/8	1 3/16	10-24 1/2	12-24 3/4
13	73	5 21/32	3 1/16	7/8	1 1/8	8 7/8	1 3/4	1 7/32	12-24-1	12-24 3/4
14	74	6 7/16	4 5/32	27/32	1 11/32	10 5/8	1 3/4	1 9/32	12-24-1	5/16-18-3/4
15	75	7 9/32	4 7/16	1 3/16	1 15/32	11 9/16	1 7/8	1 3/8	1/4-20-1	5/16-18-3/4
16	76	8 3/16	4 21/32	1 5/16	1 23/32	12 9/16	1 7/8	1 7/32	1/4-20-1	5/16-18-3/4

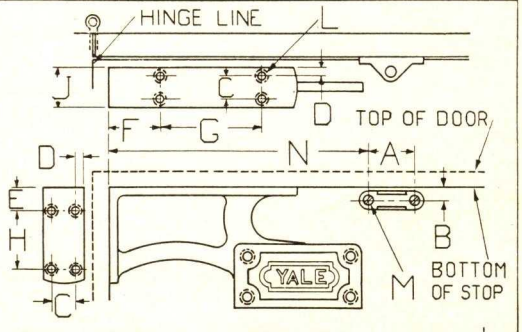
CLOSER APPLIED TO FACE OF DOOR OPENING 180° WITH REGULAR LENGTH ARM



THIS APPLICATION GIVES FULL SPRING POWER

CLOSER LIST No		BKT No	DEMENSIONS IN INCHES A	B	C	D	E	F	G	H	J	MACH SCR L	M
11	71	201	5/8	13/32	9 7/16	5 5/16	7/32	1 3/16	5/8	1 1/16	5/8	10-24 1/2	10-24 1/2
12	72	202	5/8	9/16	10 7/16	5 3/4	11/32	1 29/64	3/4	1 7/16	3/4	12-24 3/4	10-24 1/2
13	73	203	1 3/4	19/32	1 1/8	6 7/32	1 7/64	1 45/64	29/32	1 7/16	29/32	12-24 3/4	12-24-1
14	74	204	1 3/4	25/32	13 1/8	6 1/2	1 3/32	2 1/16	1 5/16	1 3/4	1 1/32	5/16-18-3/4	12-24-1
15	75	205	1 7/8	5/8	14 1/16	7 5/16	1 11/32	2 1/8	1 1/16	1 3/4	1 1/16	5/16-18-3/4	1/4-20-1
16	76	206	1 7/8	1 7/32	15 1/16	8 1/32	1 11/32	2 1/4	1 1/8	1 13/16	1 1/8	5/16-18-3/4	1/4-20-1

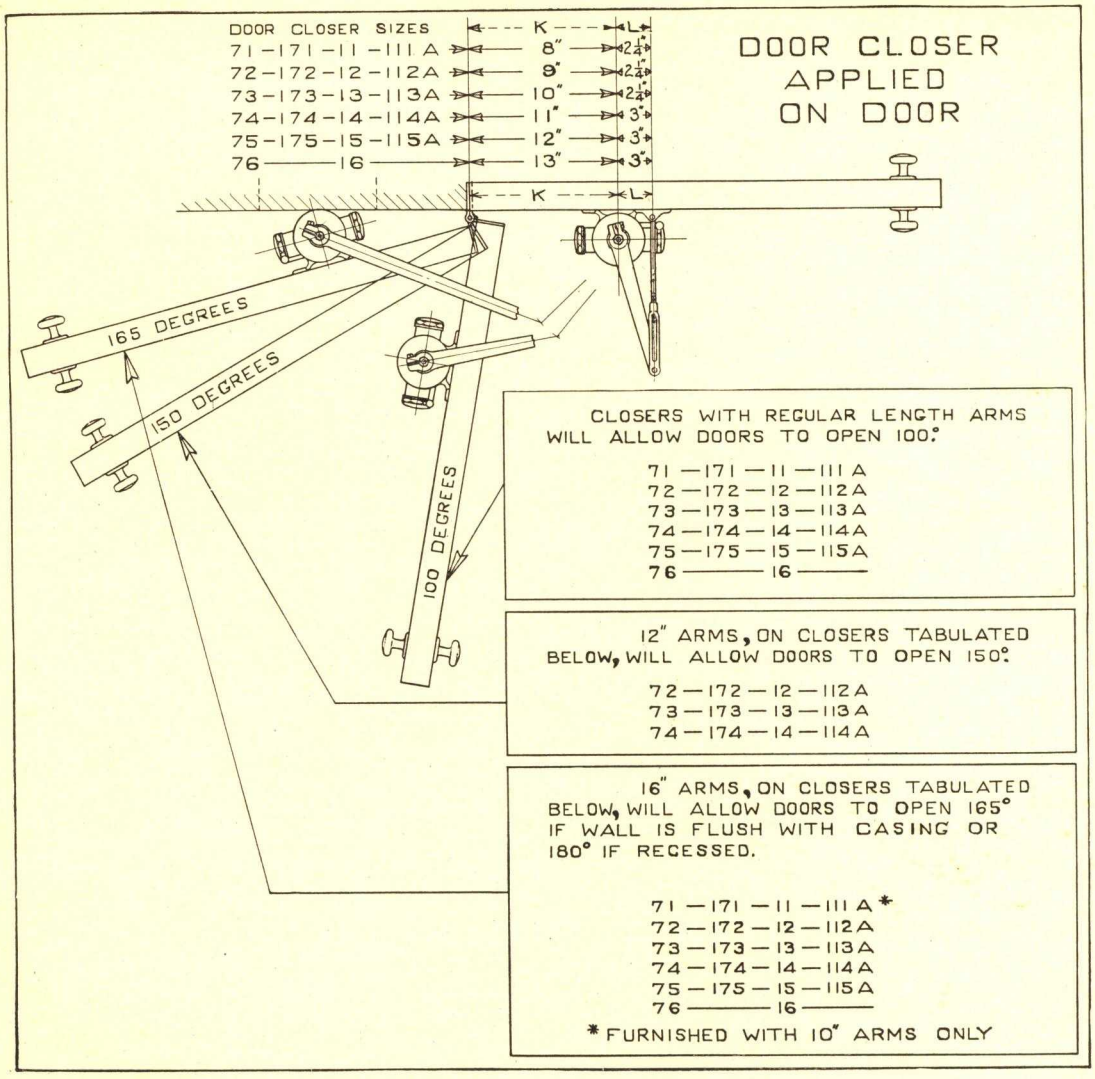
WITH CLOSER APPLIED TO SOFFIT BRACKET DOOR OPENING 90° WITH REG-ULAR LENGTH ARM & 150° WITH LONG ARM



THIS APPLICATION REDUCES SPRING POWER 1/3

CLOSER LIST No		BKT No	DEMENSIONS IN INCHES A	B	C	D	E	F	G	H	J	N	MACH SCR L	M
11	71	251	5/8	15/32	19/32	17/64	1	1 3/16	3 7/8	2 1/8	1 1/8	7	10-24 1/2	10-24 1/2
12	72	252	5/8	11/16	3/4	11/32	1 1/8	1 3/32	4 9/16	2 5/8	1 7/16	7 7/16	12-24 3/4	10-24 1/2
13	73	253	1 3/4	19/32	15/16	1/4	1 5/16	1 1/2	4 15/16	3 1/16	1 7/16	7 7/8	12-24 3/4	12-24-1
14	74	254	1 3/4	25/32	15/16	11/32	1	1	5 15/32	3 1/2	1 5/8	9 3/16	5/16-18-3/4	12-24-1
15	75	255	1 7/8	5/8	1	11/32	1 5/32	1 3/4	5 3/8	3 13/16	1 11/16	9 5/8	5/16-18-3/4	1/4-20-1
16	76	256	1 7/8	1 7/32	1	7/16	1 5/32	1 13/16	5 1/2	4 1/4	1 7/8	10 1/8	5/16-18-3/4	1/4-20-1

WITH CLOSER APPLIED TO CORNER BRACKET DOOR OPENING 165° WITH MEDIUM LENGTH ARM



Dimensions "K" and "L" are as per template packed with door closers.

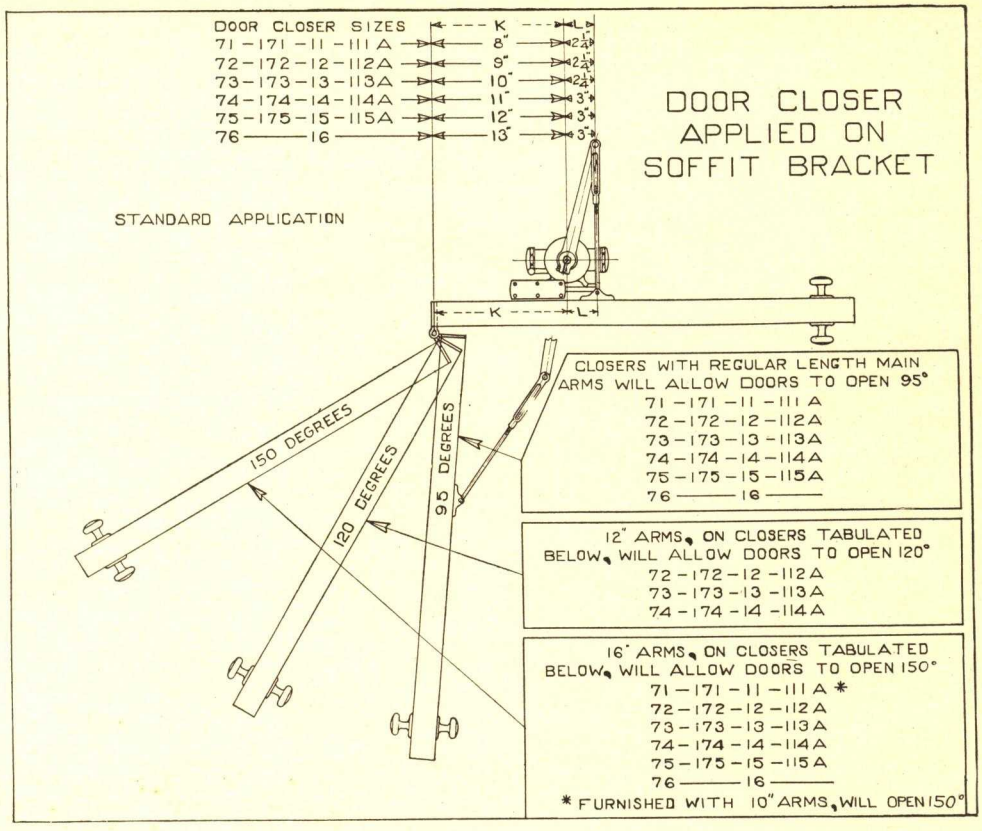
If dimensions "K" and "L" are reduced towards hinges of the door the opening degree will be increased but the spring power reduced.

In using a corner bracket the spring power is reduced approximately one-third, therefore care must be taken that the door closer is not under size.

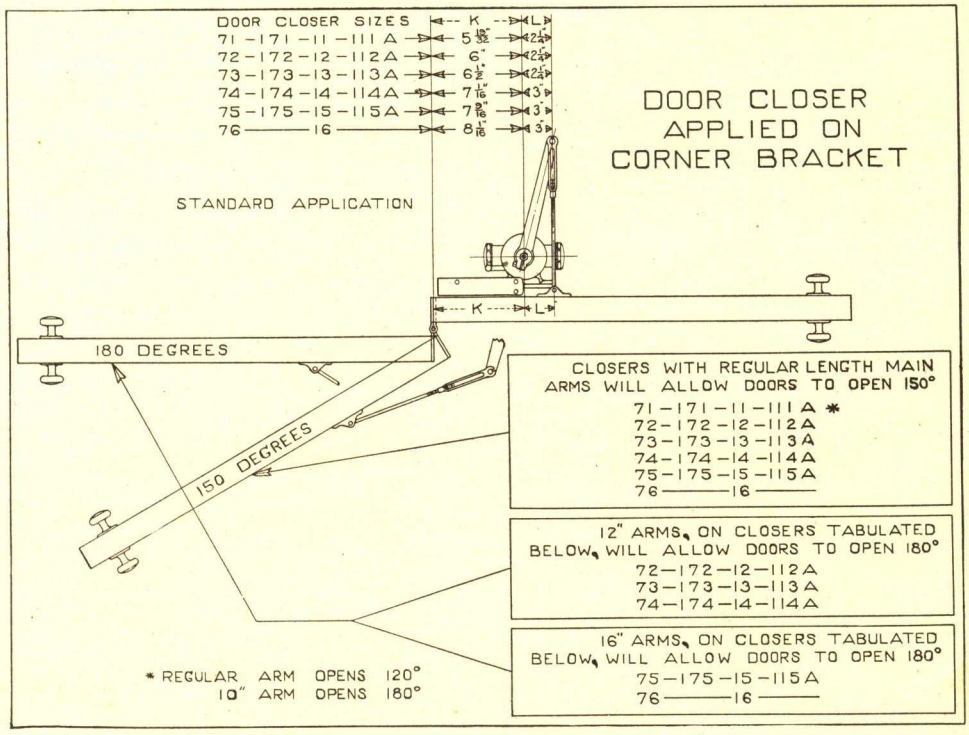
DOOR CLOSERS WITH SPECIAL LENGTH ARMS

To suit special conditions door closers can be furnished to special order, with extra long arms, as follows:

Nos.	Regular Length	Medium Length	Long
71-11	7 in.	. . .	10 in.
72-12	8 "	12 in.	16 "
73-13	9 "	12 "	16 "
74-14	10 "	12 "	16 "
75-15	11 "	. . .	16 "
76-16	12 "	. . .	16 "



Dimensions "K" and "L" are as per template packed with closers.



Dimensions "K" and "L" are as per template packed with closers.

Directions for Replacing Spring (Part No. 519) in

REVERSIBLE DOOR CLOSER

With Model YR 1932 Cast in End Cap. With Wrought Steel Spring Mechanism

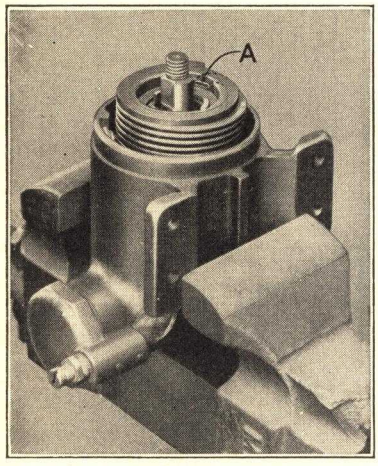


Fig. 1

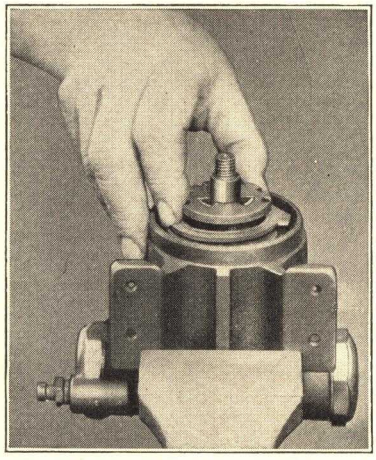


Fig. 2

1. Remove Top Nut. 
2. Remove Main Arm.



This may be pried off with a screw-driver after loosening the clamp screw.

3. Remove Ratchet. 

This may be pried off with a screw-driver.

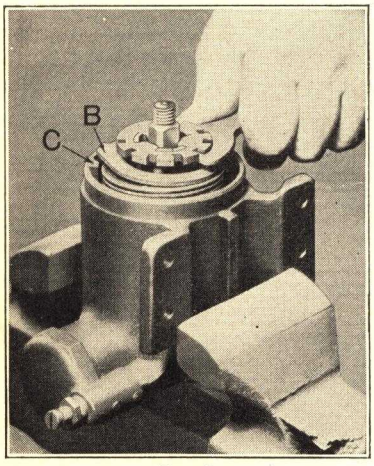


Fig. 3

4. Remove Top Cap. 

This is driven on and may be removed by driving off.

5. Remove Spring  Plates  and Driver. 

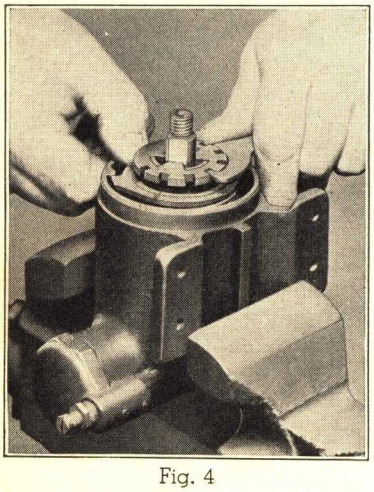


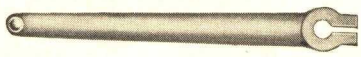
Fig. 4

TO RE-ASSEMBLE

1. Attach Bottom Spring Plate to Spring, being careful to insert the Spring Hook into slot in Spring Plate as shown at A, Fig. 1.
2. Insert the Spring as shown in Fig. 1, making sure that Spring Hooks are inserted in slot in both Bottom and Top Spring Plates, as Fig. 1.
3. Then push Spring down as shown in Fig. 2, after which the Ratchet is put on, as also shown in Fig. 2.
4. While still holding Spring down as described above, turn Ratchet to left, as Fig. 3, with wrench furnished with Closer. When Spring begins to pull, raise slightly as in Fig. 3, allowing Hook "B" on Spring Plate to pass over Hook "C" on shell.
5. When Hook "B" is slightly beyond Hook "C," push it down into place as shown in Fig. 4 and remove Ratchet.

6. Drive on Top Cap. 

7. Put on Ratchet, with teeth at back of Closer. 

8. Put on Main Arm and tighten the clamp screw. 

9. Put on and tighten Top Nut. 

Directions for Replacing Spring (Part No. 419) in

REVERSIBLE DOOR CLOSER

With Model YR Cast in End Cap. With Malleable Iron Spring Mechanism

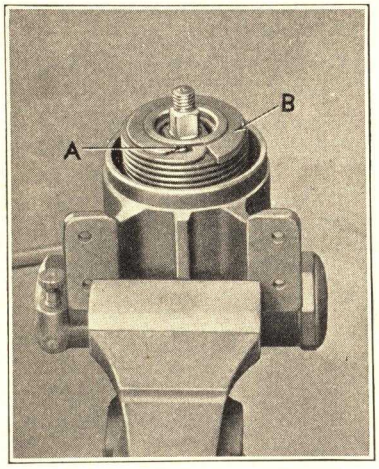


Fig. 1

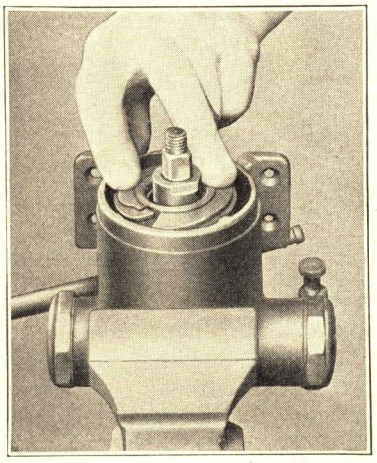
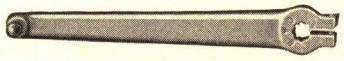


Fig. 2

1. Remove Top Nut. 

2. Remove Main Arm.



This may be pried off with screw-driver after loosening the clamp screw.

3. Remove Ratchet. 

This may be pried off with screw-driver.

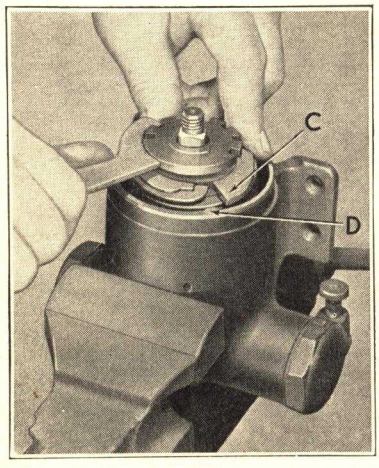


Fig. 3

4. Remove Top Cap. 

This is driven on and may be removed by driving off.

5. Remove Spring  72 Plates  and Driver. 

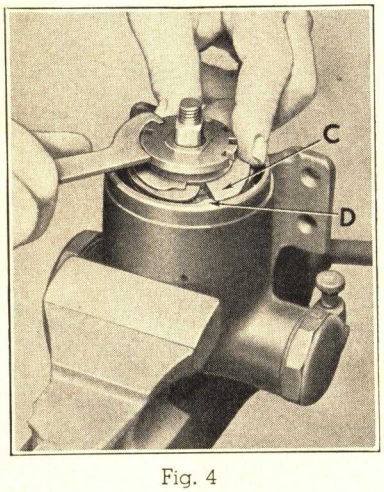
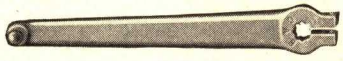


Fig. 4

TO RE-ASSEMBLE

1. Attach Bottom Spring Plate to Spring, being careful to insert the Spring Hook in notch A in Spring Plate B shown in Fig. 1. If the Spring is tight, it must be **snapped** into the two small retaining grooves.
2. Insert the Spring as shown in Fig. 1, making sure that Spring Hooks are in notch A in Bottom and Top Spring Plates.
3. Then push Spring down as shown in Fig. 2.
4. Turn Spring to left with wrench (counter-clockwise). When Spring begins to pull, raise slightly as shown in Fig. 3, allowing Hook "C" on Spring Plate to pass over Hook "D" on shell.
5. When Hook "C" is beyond Hook "D," push it down into place as shown in Fig. 4.
6. Drive on Top Cap. 

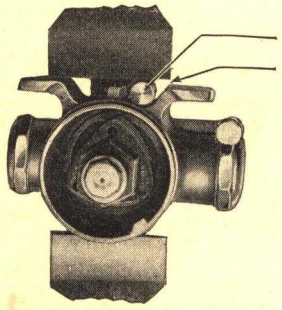
7. Put on Ratchet, with teeth in back. 
8. Put on Main Arm. 
   With arrow pointing to letter A and tighten the clamp screw.
9. Put on Top Nut. 

DOOR CLOSER REPAIR TOOLS

MODELS Y AND YR

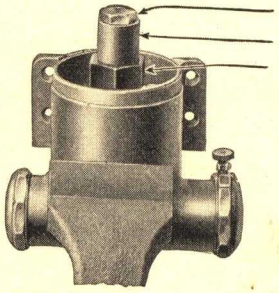
To remove combination packing nut from the shell, place the shell in a vise with a piece of rod in back of foot as shown. Piece of rod MUST be on side shown to prevent foot of shell being broken.

Place adaptor over shaft so the three pins engage in the three holes in the combination packing nut. Put on top nut (and collar if necessary) and screw nut down TIGHT.



Piece of rod

Space between foot and vise



Top nut

Collar

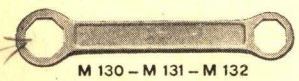
Adaptor

Apply wrench M1801 to adaptor and unscrew combination packing nut from shell.

The collar and top nut prevent the pins slipping out of the three holes. Collars for different sized closers furnished with adaptors.

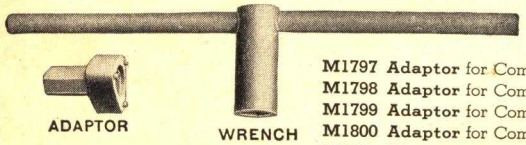
Assembling Tools

1 - each



M 130 – M 131 – M 132

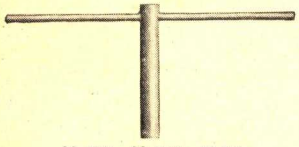
M130 **Wrench** for End Cap, 11, 71, 12, 72.
M131 **Wrench** for End Cap, 13, 73, 14, 74.
M132 **Wrench** for End Cap, 15, 16, 75, 76.
M1801 **Wrench,** Comb. Pkg. Nuts. Use with Adaptors.



ADAPTOR

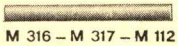
WRENCH

M1797 **Adaptor** for Comb. Pkg. Nuts, 11, 71.
M1798 **Adaptor** for Comb. Pkg. Nuts, 12, 72.
M1799 **Adaptor** for Comb. Pkg. Nuts, 13, 73, 14, 74.
M1800 **Adaptor** for Comb. Pkg. Nuts, 15, 16, 75, 76.



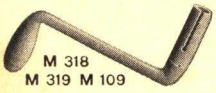
M 482 – M 483 – M 89

M482 **Wrench** for Brass Pkg. Nut, 11, 71, 12, 72.
M483 **Wrench** for Brass Pkg. Nut, 13, 73, 14, 74.
M89 **Wrench** for Brass Pkg. Nut, 15, 16, 75, 76.

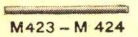


M 316 – M 317 – M 112

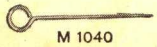
M316 **Rammer** for Shaft Pkg., 11, 71, 12, 72.
M317 **Rammer** for Shaft Pkg., 13, 73, 14, 74.
M112 **Rammer** for Shaft Pkg., 15, 16, 75, 76.
M318 **Wrench** for Broken Springs, 11, 12.
M319 **Wrench** for Broken Springs, 13, 14.
M109 **Wrench** for Broken Springs, 15.
M423 **Rammer** for Reg. Scr. Washer, 11, 71, 12, 72, 13, 73, 14, 74.
M424 **Rammer** for Reg. Scr. Washer, 15, 16, 75, 76.
M1040 **Chisel** for Leather Washer, 11, 16, 71, 76.
M1041 **Pick** for Leather Washer, 11, 16, 71, 76.
M425 **Wrench** for Valve Pkg. Nut, 11, 16, 71, 76.
M1042 **Wrench** for winding Springs, 11 to 14.
M1043 **Wrench** for winding Springs, 15.
M1738 **Wrench** for winding Springs, 71 to 76.
M1802 **Wrench** for winding Springs, 71 to 76.



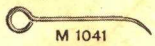
M 318
M 319 M 109



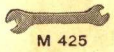
M423 – M 424



M 1040



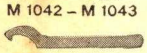
M 1041



M 425



M 1042 – M 1043



M 1738



M 1802

Refilling the Liquid Chamber

After the closer has been in use a long time some of the liquid may be lost by leakage or evaporation. This is usually indicated by an uneven or jumpy action of the door. When this occurs the closer should be cleaned out, repacked and refilled with new liquid.

To refill, first remove the top nut, main arm, ratchet, drive off top cap, and take out the spring, noting the position of the hooks and spring parts.

Remove the octagon end cap, and pour out the old liquid. Wash the closer out thoroughly, using water. If the closer is not in bad shape, by holding it under a strong stream from a faucet, most of the dirt and black sediment can be washed out. Open the regulating screw wide and with the closer full of water revolve the crankshaft, using the main arm. This will pump water through the closer and wash out the valve and ports. (Do not attempt to use gasoline or oil to clean the closer as it will not dissolve the liquid.)

After the closer is cleaned out, take out the brass packing nut, part 310, wipe the shaft perfectly clean right down to the top of the nut and with a sharp pick loosen the brass follower, part 311. Turn the closer upside down and rap the shaft sidewise with a piece of wood similar to a hammer handle. A few blows on alternate sides of the shaft will cause the follower to fall out. Dig out the old packing, using a pick supplied by us or a sharpened file tang.

Repack the shaft, using three leather washers, part 309, and draw the packing nut down tight. Refill the closer to within ¼ inch of the top of cylinder, using Yale liquid, and screw end cap on tight. Replace spring.

If the closer is so gummed and dirty that it cannot be cleaned by washing with clear water, it must be taken apart. To accomplish this, put the shell in a strong vise with the nameplate towards you. Put a piece of round rod between the right-hand foot and the rear vise jaw to take the strain. Take the adaptor with 3 pins and fit it into the closer so that the pins engage in the three holes in the combination packing nut. Screw the top nut down on top of the wrench tight to prevent the wrench pins slipping out. If the nut does not unscrew readily, remove the wrench, take the shell out of the vise and rap it sharply with a light steel hammer on the outside opposite the packing nut. Go all around several times, rapping sharply. This will usually loosen the seal and the nut can then be removed. After removing the parts, clean them thoroughly by boiling in strong soda water. After they are thoroughly clean they should be oiled to prevent rusting.

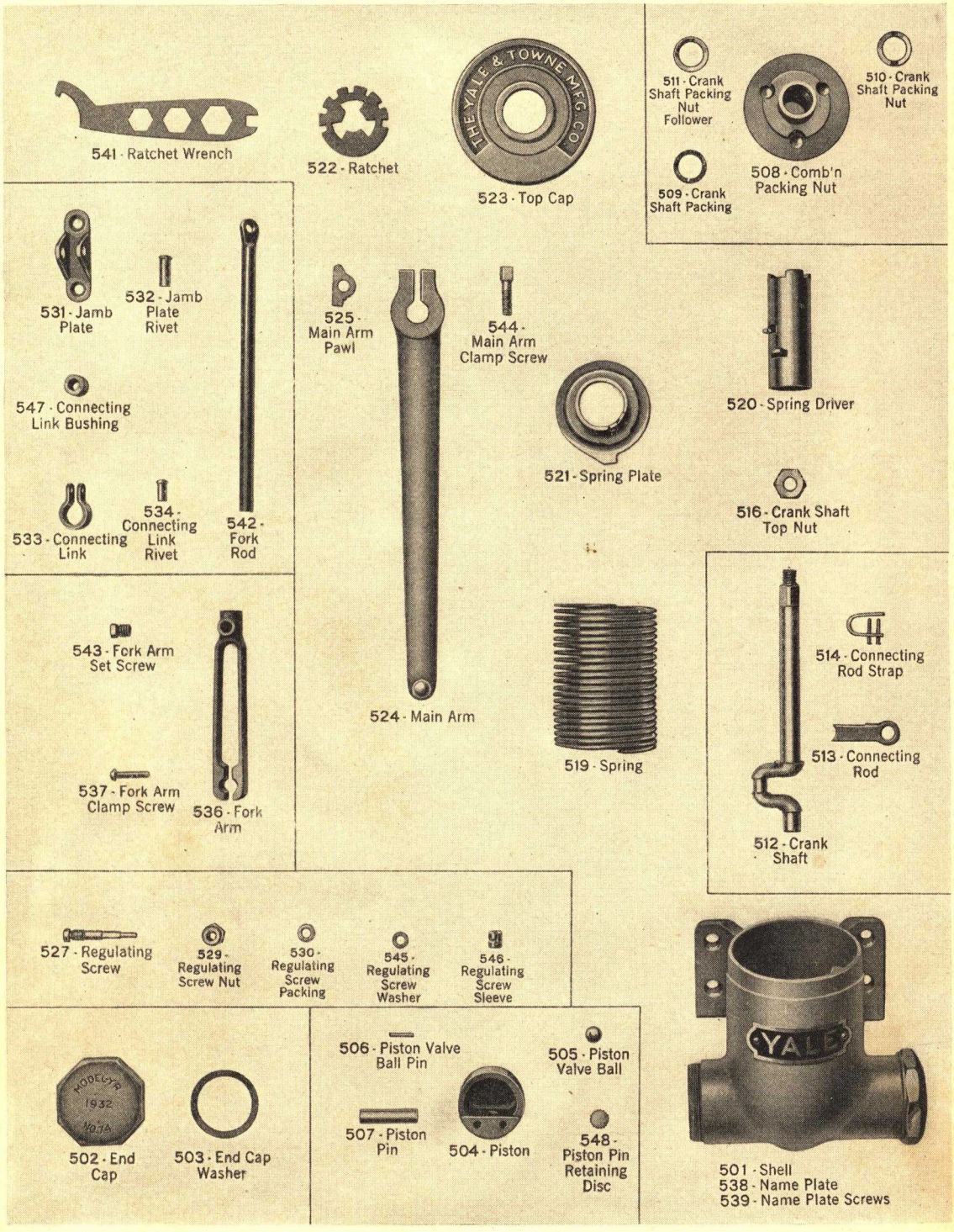
Seal the combination packing nut with white lead applied to the threads, repack the shaft and refill as directed above. In replacing the spring lubricate all the parts thoroughly ,using vaseline or a similar grease.

PARTS FOR YALE 1932 MODEL YR DOOR CLOSERS Nos. 71 to 76

WITH WROUGHT STEEL SPRING MECHANISM

When ordering these parts, always specify part number and size of closer.

These parts are for 1932 model YR door closers. End cap is marked "1932." If not so marked, see page 35 for parts for 1928 model and page 36 for parts for model YR closers manufactured prior to the 1928 model; the end caps of which are marked model YR and size of closer; no date showing.



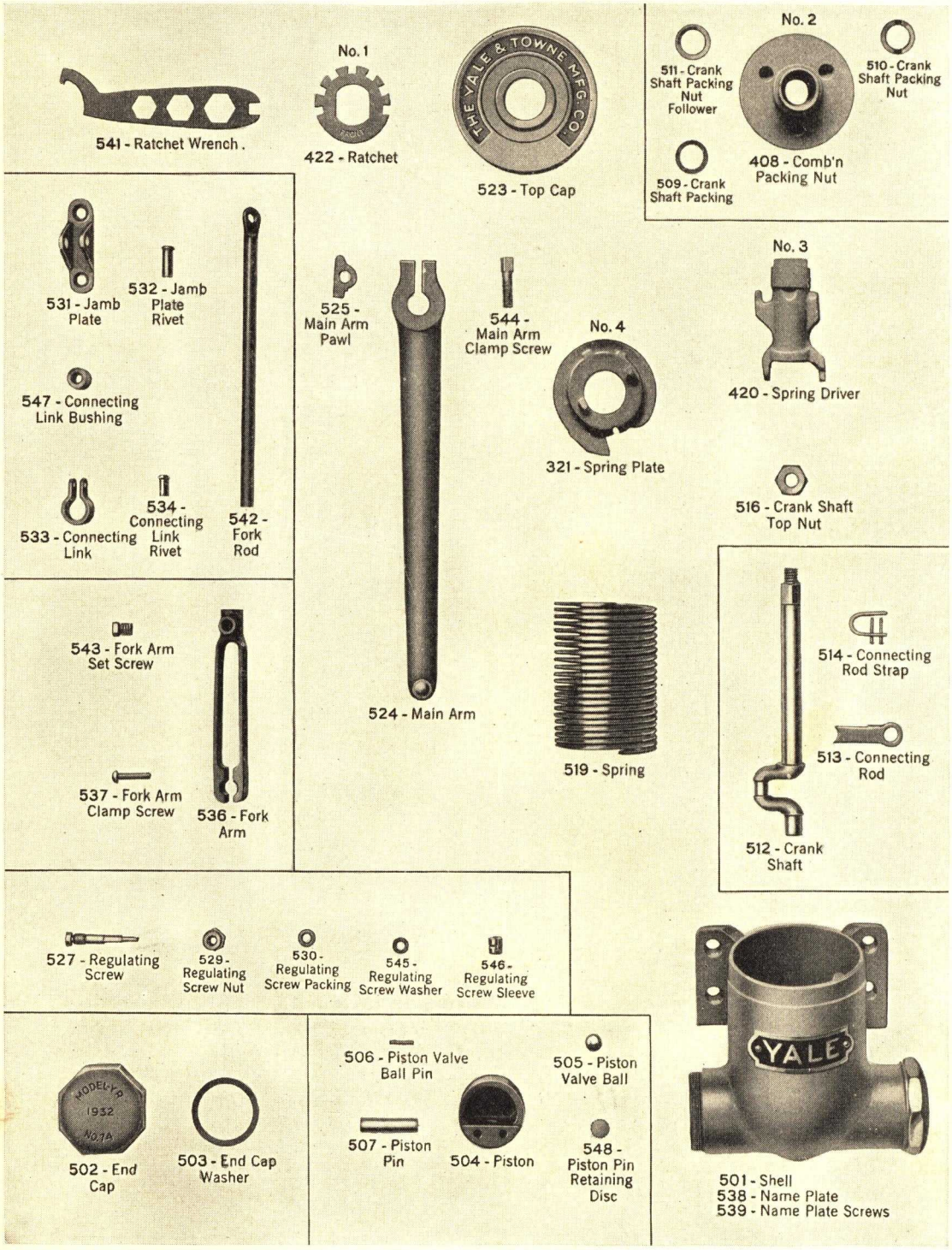
The parts shown in groups, separated by lines, are generally furnished assembled together as a unit.

PARTS FOR YALE 1932 MODEL YR DOOR CLOSERS Nos. 71 to 76

WITH MALLEABLE IRON SPRING MECHANISM

When ordering these parts, always specify part number and size of closer.

These parts are for 1932 model YR door closers. End cap is marked "1932." If not so marked, see page 35 for parts for 1928 model and page 36 for parts for model YR closers manufactured prior to the 1928 model; the end caps of which are marked model YR and size of closer no date showing.

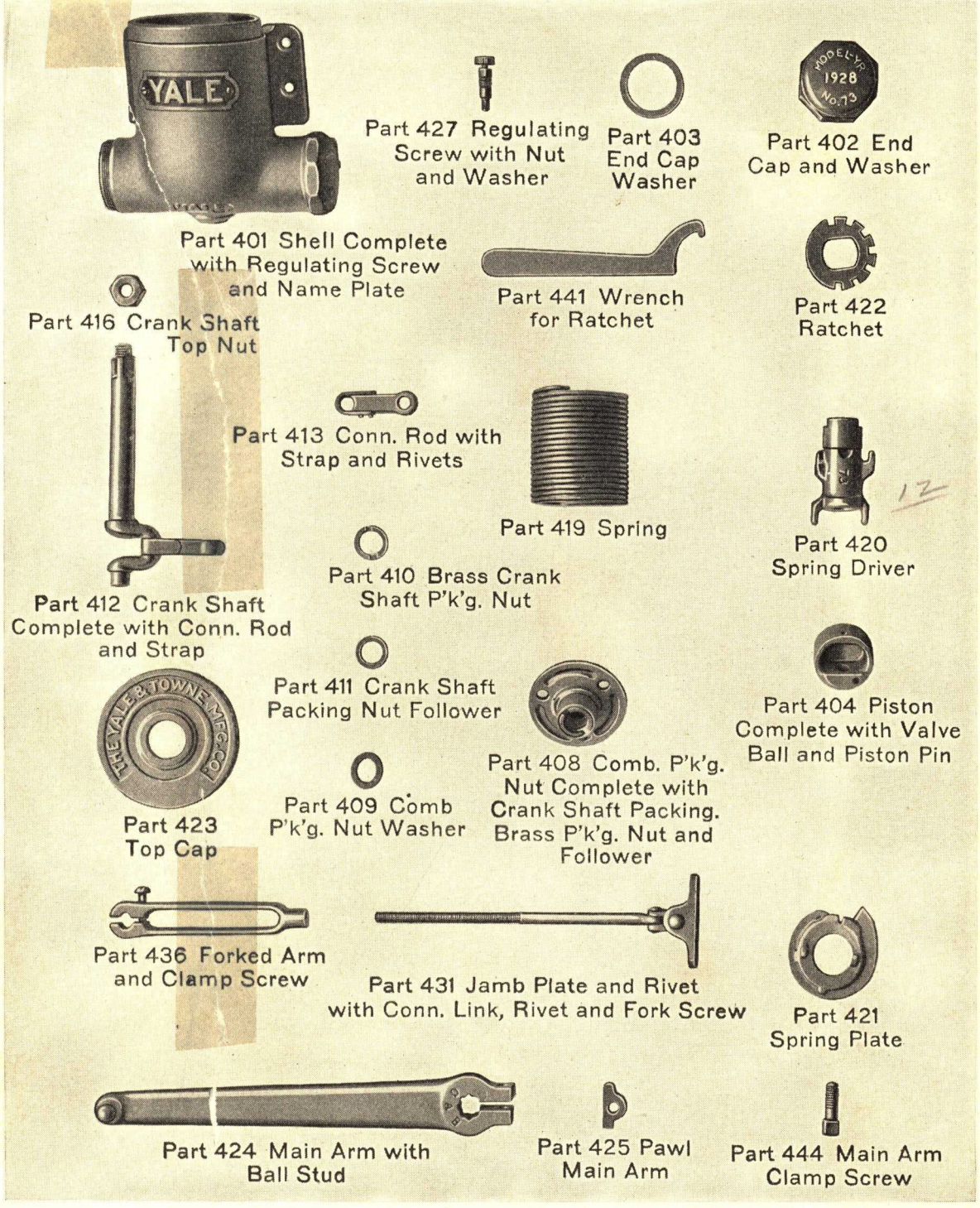


The parts shown in groups, separated by lines, are generally furnished assembled together as a unit.

PARTS FOR YALE 1928 MODEL YR DOOR CLOSERS Nos. 71 to 76

When ordering these parts, always specify part number and size of closer.

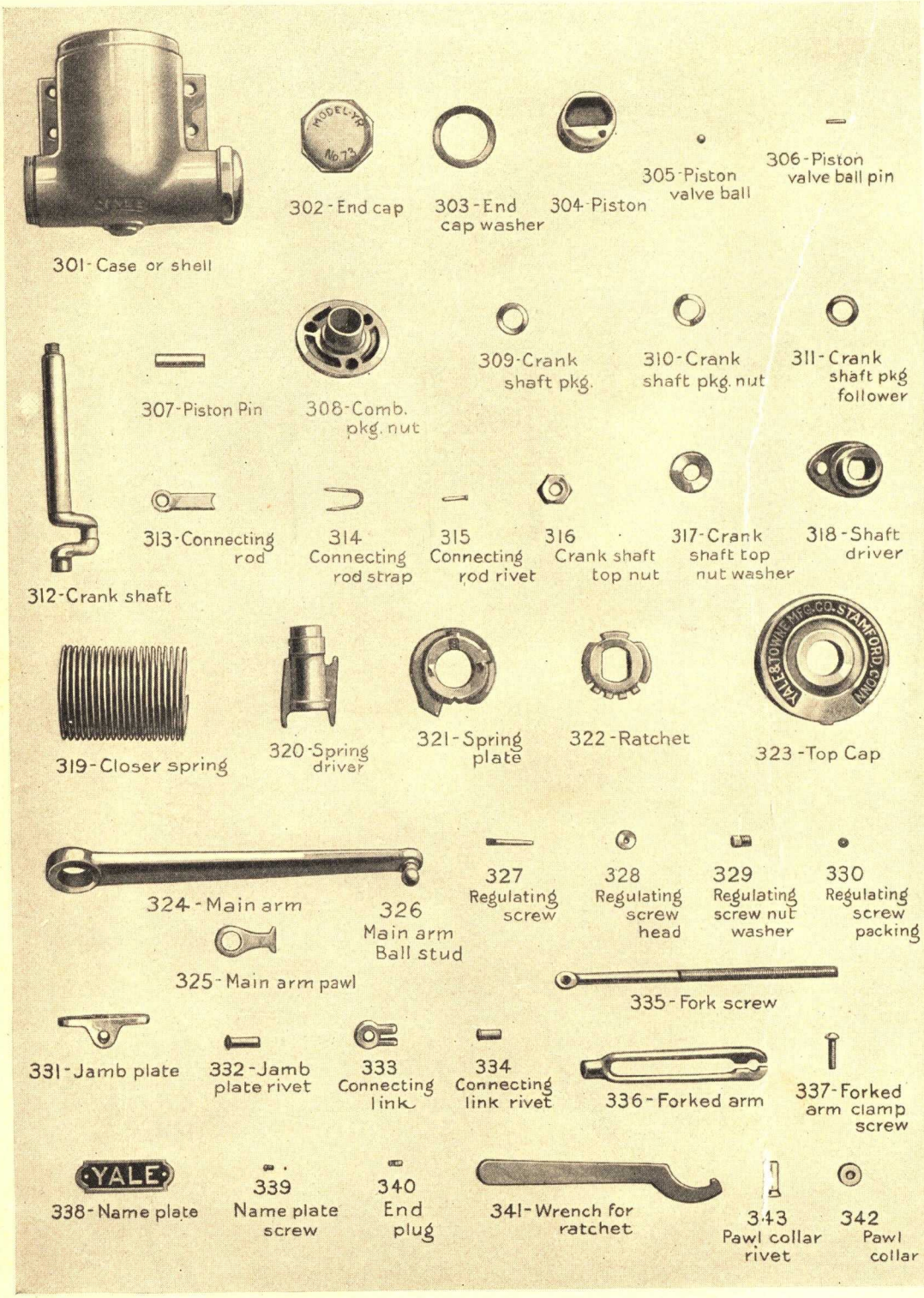
These parts are for 1928 model YR door closers. End cap is marked "1928." If not so marked see page 36 for previous model, or pages 33 and 34 for 1932 model



PARTS FOR YALE MODEL YR DOOR CLOSERS Nos. 71 to 76

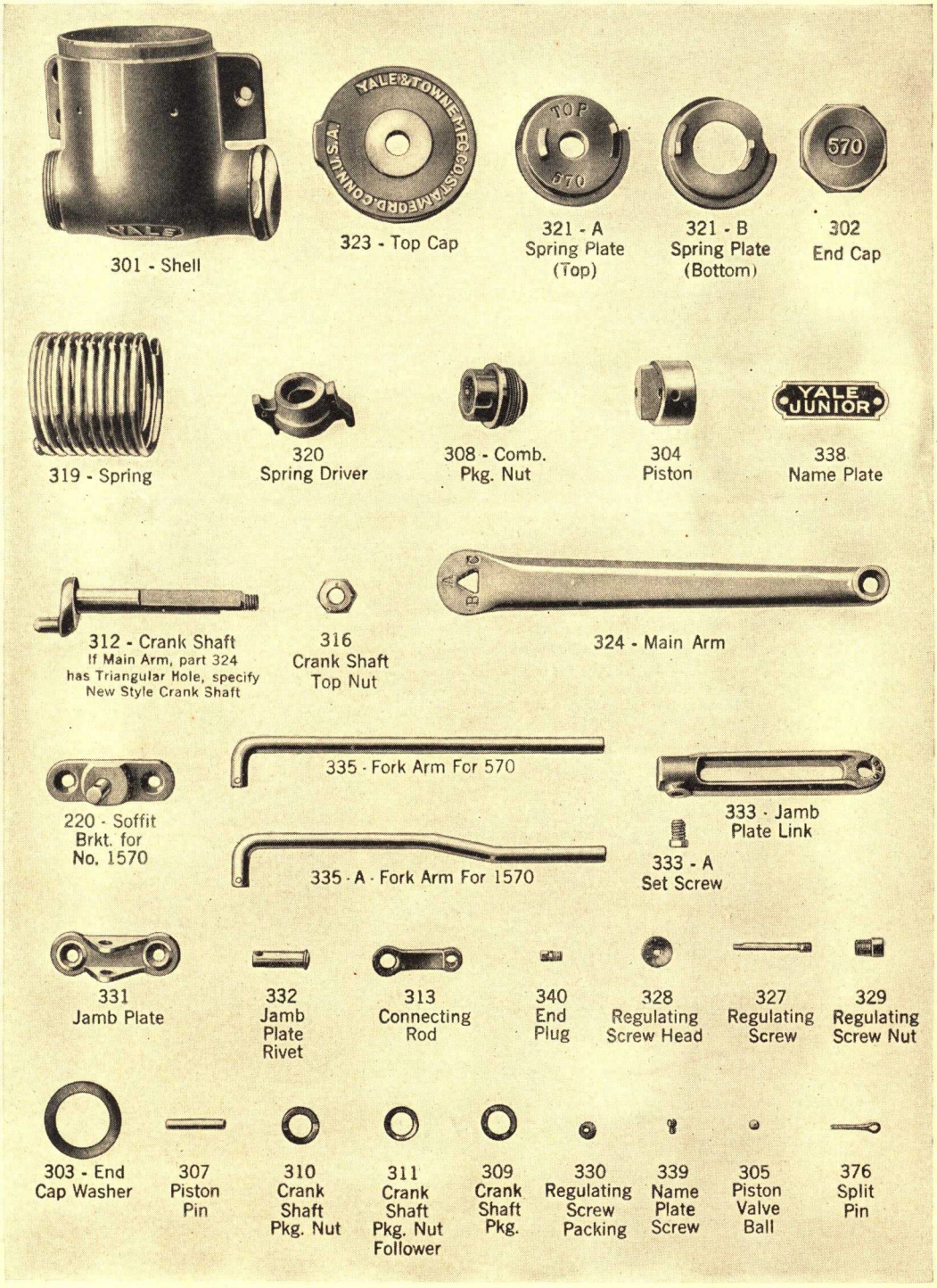
When ordering these parts, always specify part number and size of closer.

These parts are for model YR door closers manufactured prior to the 1928 model; the end caps are marked model YR and size of closer no date showing. See page 35 for 1928 model YR and pages 33 and 34 for 1932 model



PARTS FOR DOOR CLOSERS Nos. 570 and 1570

When ordering parts, specify part number and list number of closer.



301 - Shell

323 - Top Cap

321 - A Spring Plate (Top)

321 - B Spring Plate (Bottom)

302 End Cap

319 - Spring

320 Spring Driver

308 - Comb. Pkg. Nut

304 Piston

338 Name Plate

312 - Crank Shaft
If Main Arm, part 324 has Triangular Hole, specify New Style Crank Shaft

316 Crank Shaft Top Nut

324 - Main Arm

220 - Soffit Brkt. for No. 1570

335 - Fork Arm For 570

335 - A - Fork Arm For 1570

333 - Jamb Plate Link

333 - A Set Screw

331 Jamb Plate

332 Jamb Plate Rivet

313 Connecting Rod

340 End Plug

328 Regulating Screw Head

327 Regulating Screw

329 Regulating Screw Nut

303 - End Cap Washer

307 Piston Pin

310 Crank Shaft Pkg. Nut

311 Crank Shaft Pkg. Nut Follower

309 Crank Shaft Pkg.

330 Regulating Screw Packing

339 Name Plate Screw

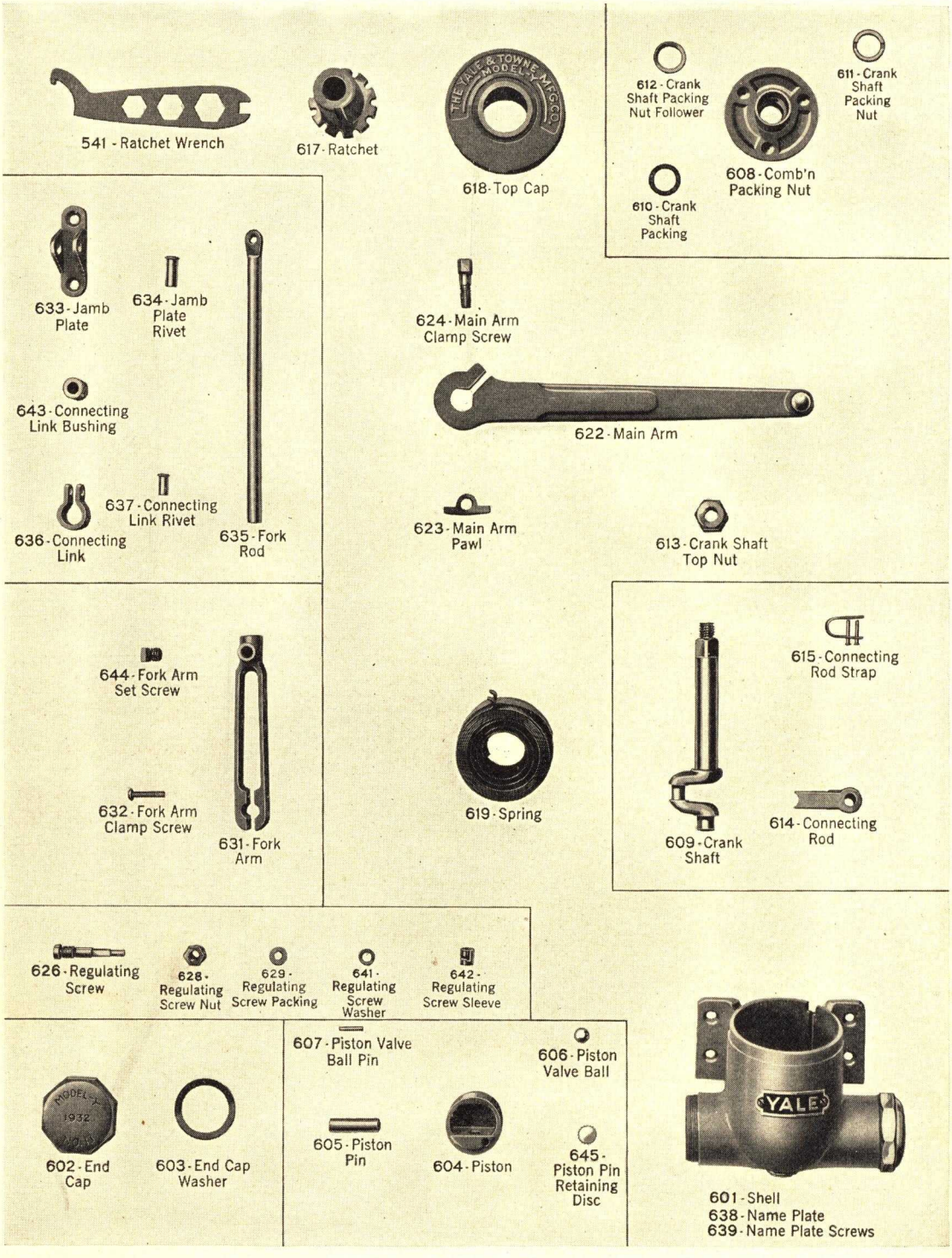
305 Piston Valve Ball

376 Split Pin

PARTS FOR YALE 1932 MODEL Y DOOR CLOSERS Nos. 11 to 16

When ordering these parts, specify part number and size of closer.

These parts are for 1932 model Y door closers. End cap is marked "1932." If not so marked, see page 39 for parts for model Y door closers manufactured prior to the new model.

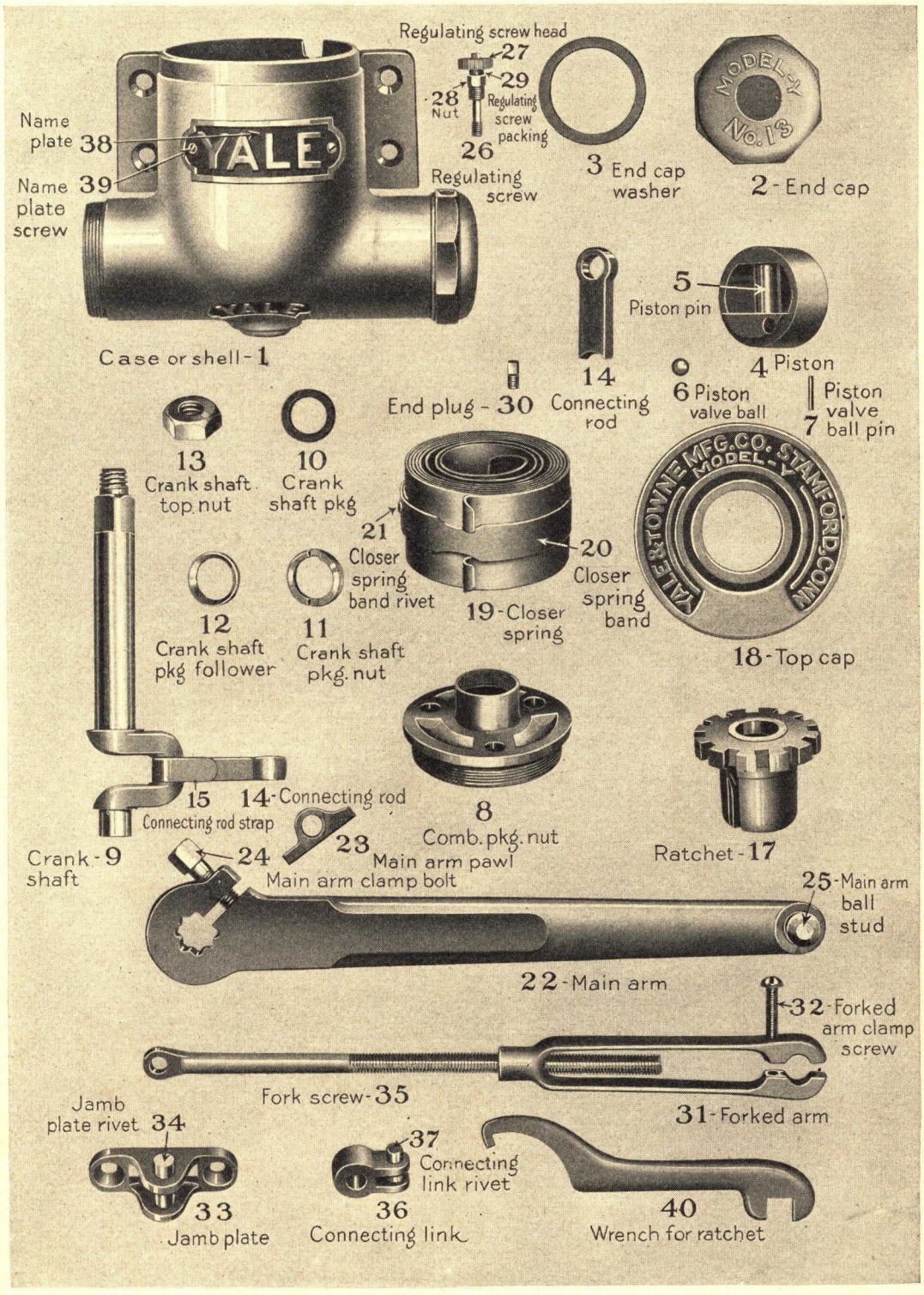


The parts shown in groups, separated by lines, are generally furnished assembled together as a unit

PARTS FOR YALE MODEL Y DOOR CLOSERS Nos. 11 to 16

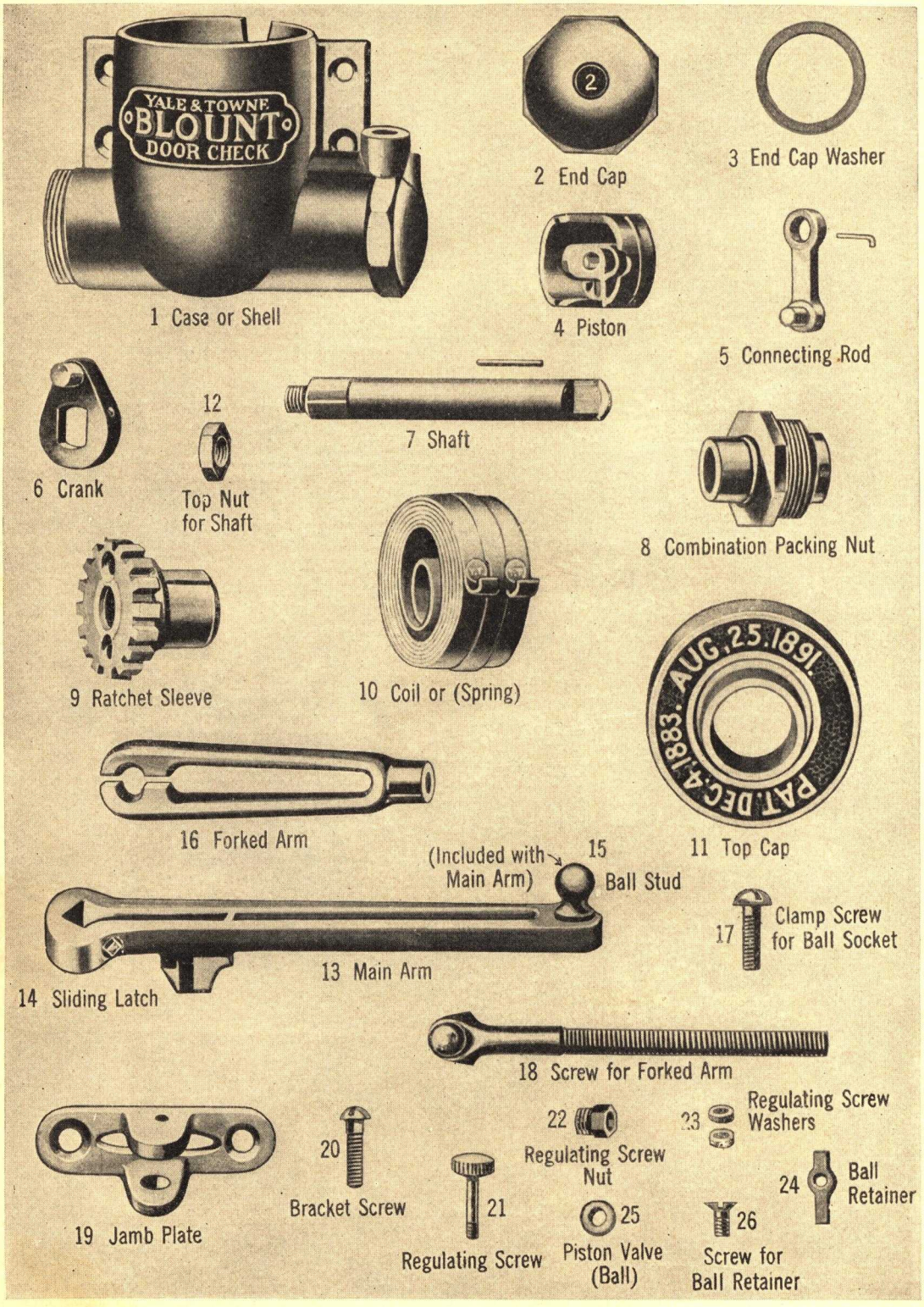
When ordering these parts, specify part number and size of closer.

These parts are for model Y door closers manufactured prior to the 1932 model; without date on the end cap. See page 38 for parts for 1932 model.



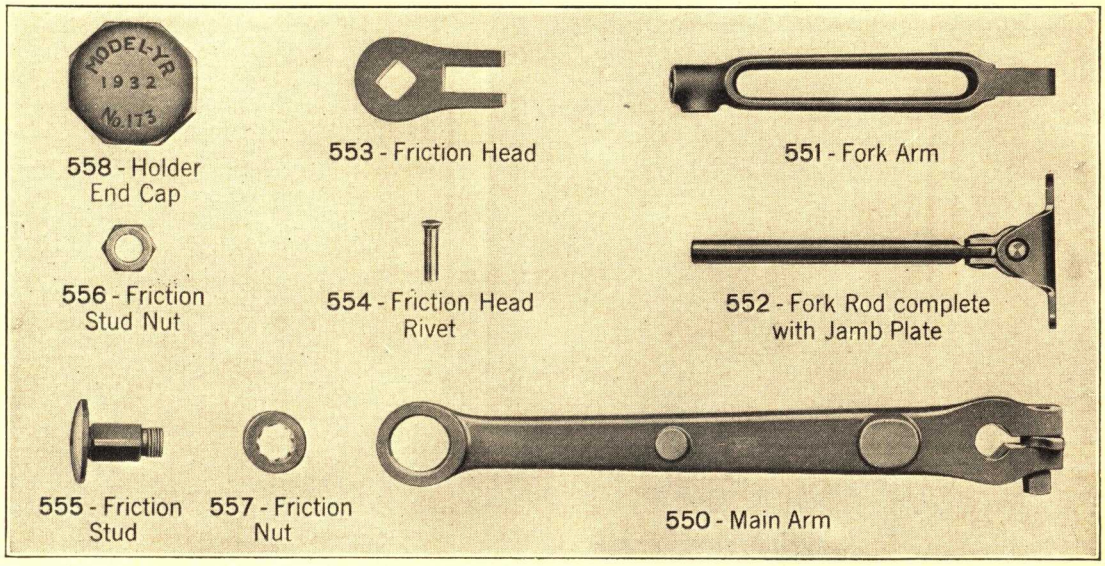
PARTS FOR YALE BLOUNT DOOR CLOSERS Nos. 1 to 6

When ordering these parts, specify part number and size of closer.



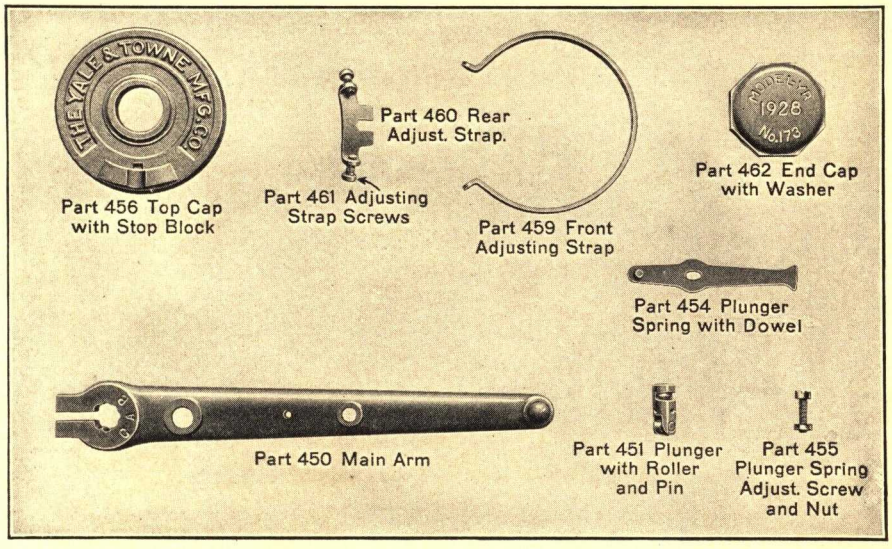
PARTS FOR YALE MODEL YR HOLDER DOOR CLOSERS

Parts for Holder Door Closers Nos. 171 to 175 inc., with 1932 on the end cap

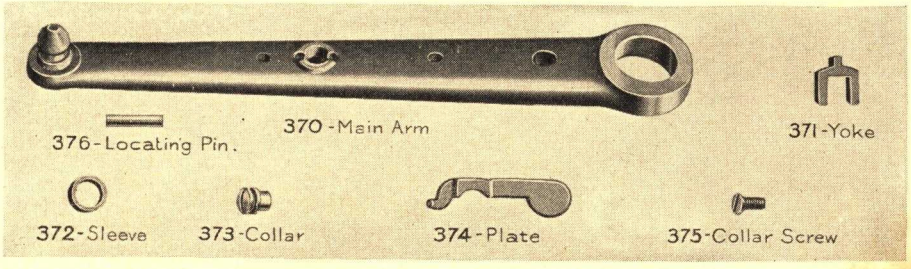


Parts for Holder Door Closers Nos. 171 to 175 inc., with 1928 on the end cap

The parts for the Nos. 1171 to 1175 Holder Door Closers are the same as below, with the exception of the main arm. When ordering specify for 1932 model.



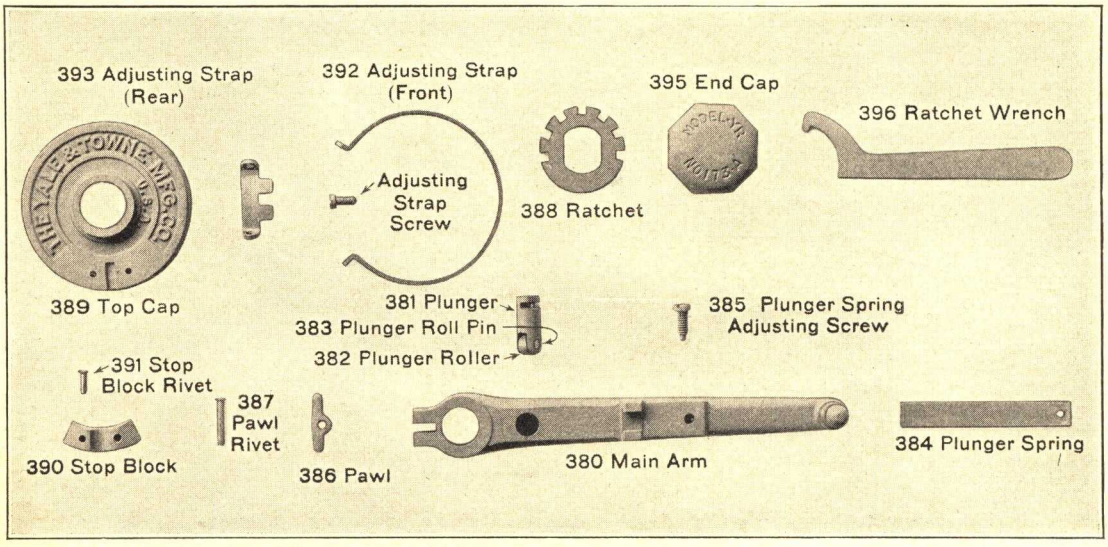
Parts for Holder Door Closers with Fusible Link



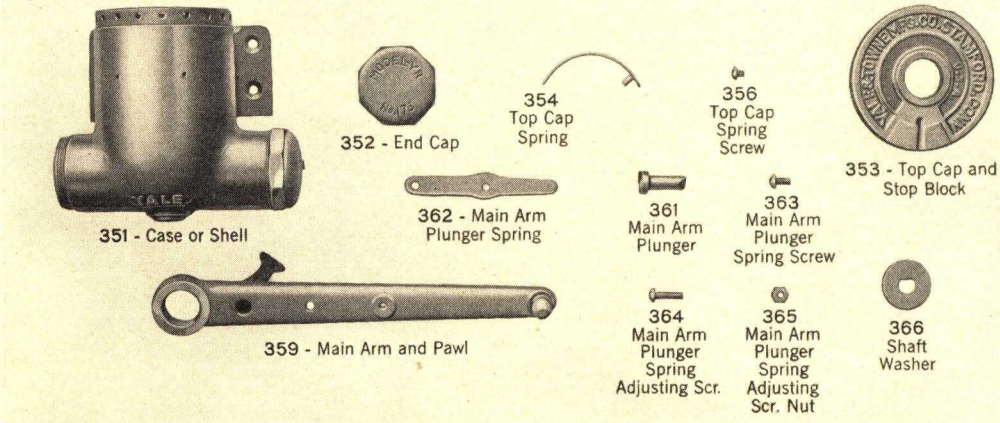
When ordering parts, specify part number and list number of closer.

PARTS FOR YALE MODEL YR HOLDER DOOR CLOSERS

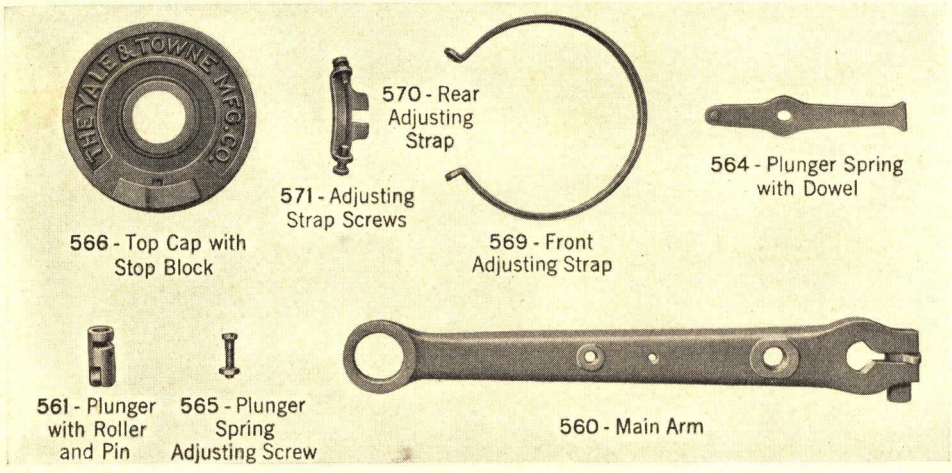
Parts for Holder Door Closers Nos. 172A, 173A and 174A



Parts for Holder Door Closers Nos. 171 to 174 inc.



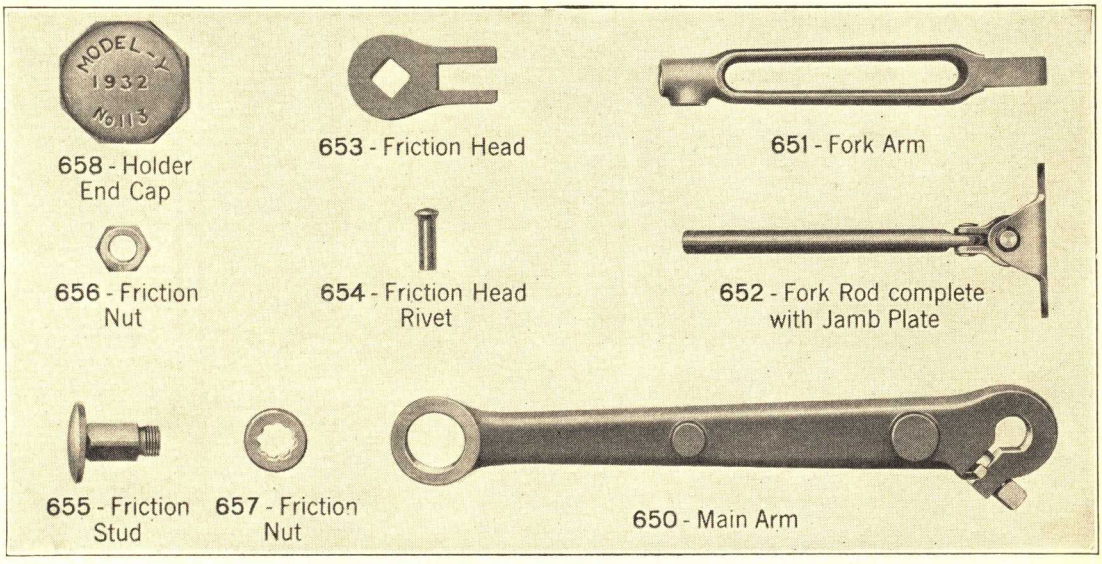
Parts for Hospital Room Door Closers Nos. H173 and H174



When ordering parts, specify part number and list number of closer.

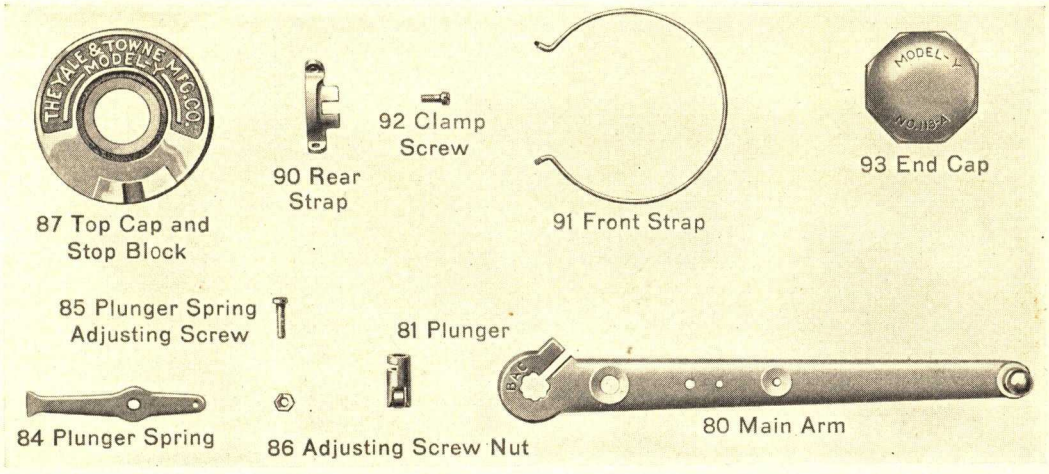
PARTS FOR YALE MODEL Y HOLDER DOOR CLOSERS

Parts for Holder Door Closers Nos. 111 to 115 inc., with 1932 on the end cap

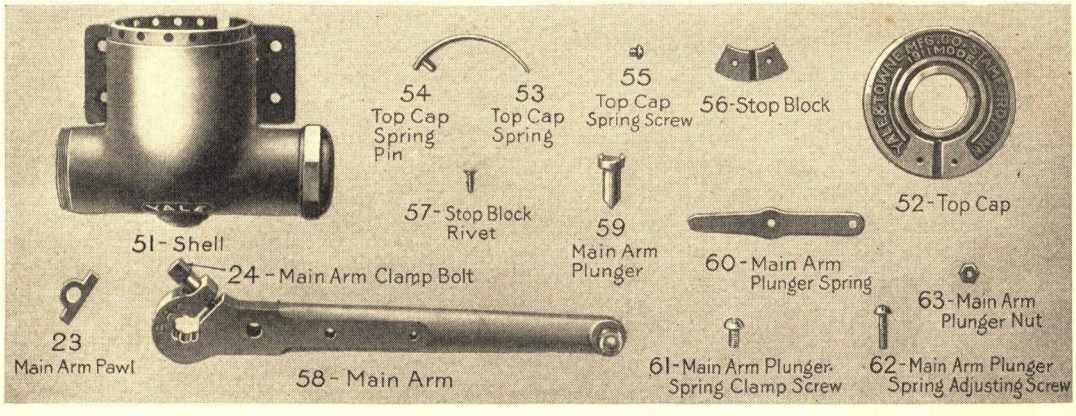


Parts for Holder Door Closers Nos. 111A to 115A inc.

The parts for the Nos. 1111 to 1115 Holder Door Closers are the same as below with the exception of the main arm. When ordering specify for 1932 model.



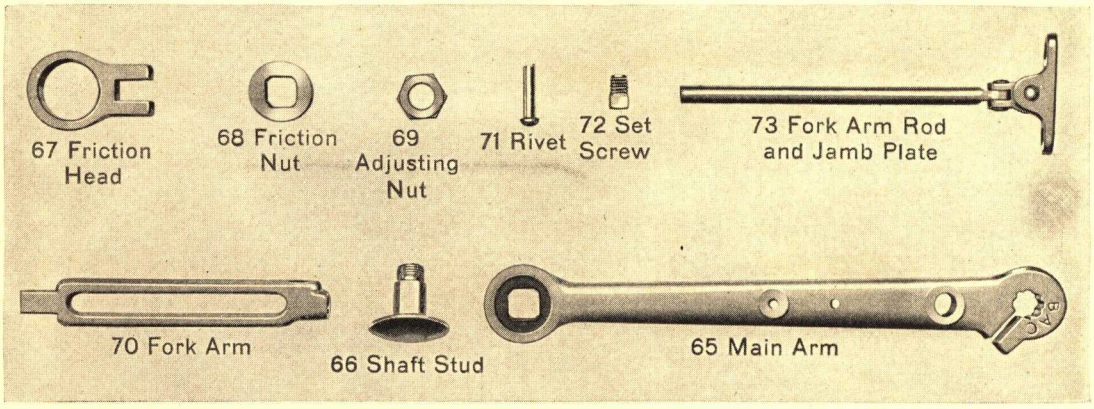
Parts for Holder Door Closers Nos. 111 to 114 inc., without date on the end cap



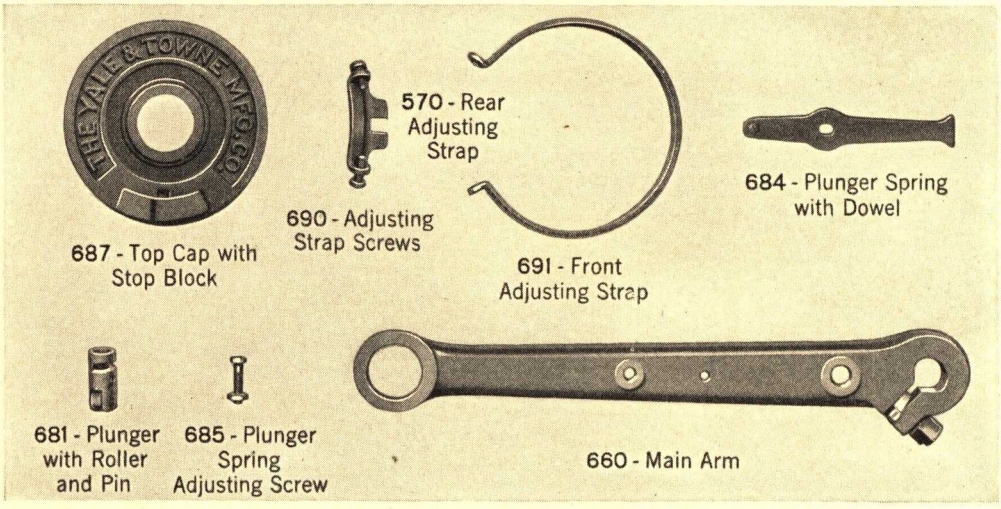
When ordering parts, specify part number and list number of closer.

PARTS FOR YALE MODEL Y HOSPITAL DOOR CLOSERS

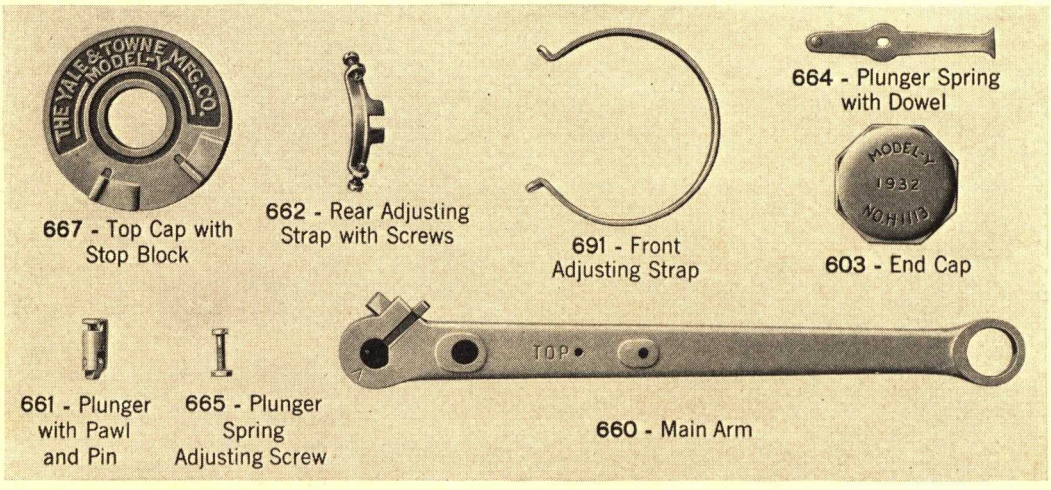
Parts for Hospital Door Closers Nos. H113A and H114A



Parts for Hospital Door Closers Nos. H113 and H114

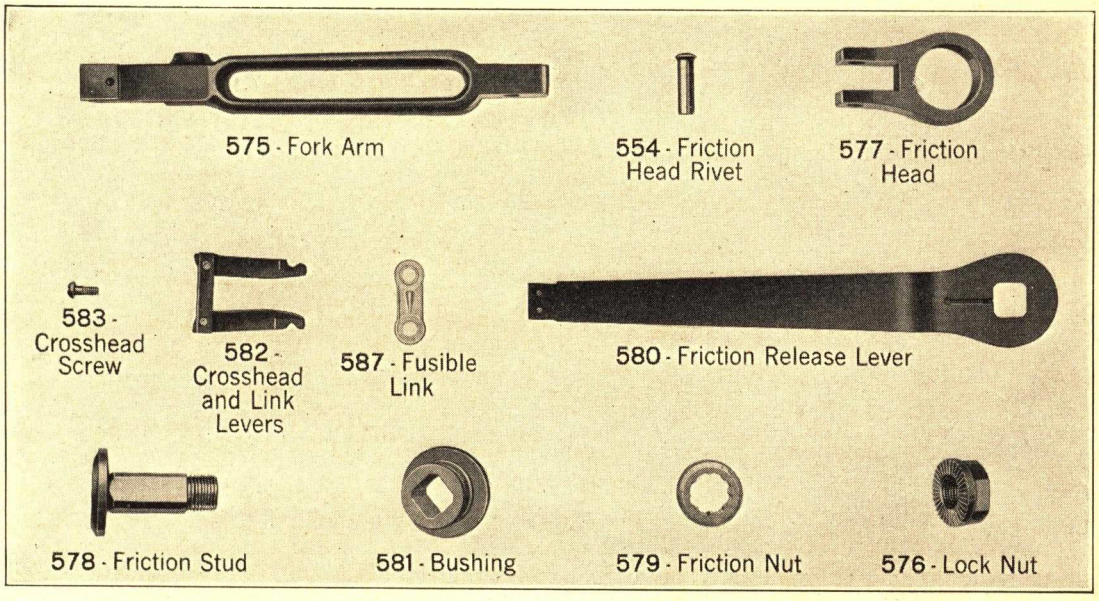


Parts for Hospital Door Closers Nos. H1113 and H1114

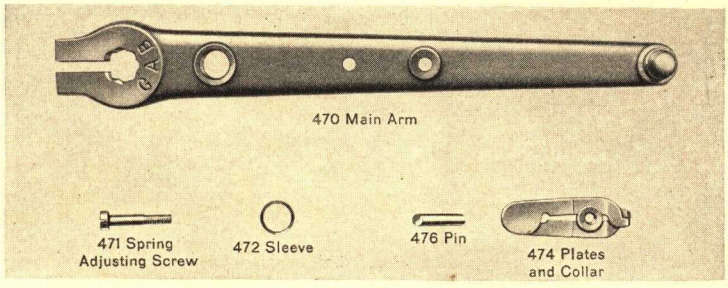


PARTS FOR YALE DOOR CLOSERS WITH FUSIBLE LINK

Parts for Holder Door Closers, Model YR with Fusible Link Nos. 173F to 175F



Parts for Holder Door Closers, Model YR with Fusible Link Nos. 1171F to 1175F, inc.



When ordering parts, specify part number and list number of closer.

WASHERS, ETC., FOR YALE DOOR CLOSERS

Part No.	Name	For Door Closers
3-11	End cap washer	Nos. 1 Blount, 11 Model Y
303-71	" " "	" 71 Model YR, 570, 1570
3-12	" " "	" 2 Blount, 12 Model Y, 72 Model YR
3-13	" " "	" 3 " 13 " "
303-73	" " "	" 73 Model YR
3-14	" " "	" 4 Blount, 14 Model Y, 74 Model YR
3-15	" " "	" 5 " 15 " " 75 " "
303-76	" " "	" 6 " 76 " YR
29- 1	Crankshaft packing nut	" 1 " 570, 1570
11-11	" " "	" 2-3-4 Blount, 11-12 Model Y, 71-72 Model YR
11-13	" " "	" 5-6 " 13-14 " " 73-74 " "
11-15	" " "	" 15 Model Y, 75-76 Model YR
35- 1	" " " follower	" 1 Blount, 570-1570
12-11	" " " "	" 2-3-4 Blount, 11-12 Model Y, 71-72 Model YR
12-13	" " " "	" 5-6 " 13-14 " " 73-74 " "
12-15	" " " "	" 15 Model Y, 75-76 Model YR
36- 1	" " " washer	" 1 Blount, 570-1570
10-11	" " " "	" 2-3-4 Blount, 11-12 Model Y, 71-72 Model YR
10-13	" " " "	" 5-6 " 13-14 " " 73-74 " "
10-15	" " " "	" 15 Model Y, 75-76 Model YR

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