# Yale®

# nexTouch™

## Keypad Locks

# ASSA ABLOY

# Contents

**nexTouch™ Keypad Lock**

# One Lock Platform, Three Technologies

## nex**Touch**™

The fully modular design of nexTouch allows users to easily upgrade to more advanced security technologies as their requirements grow and change. With solutions for stand-alone, multi-family and small business applications, Yale Works for You℠.
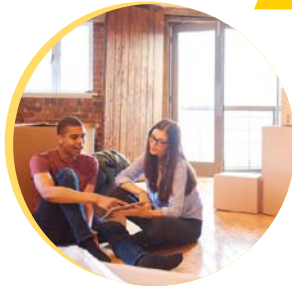
## Keypad

Standalone nexTouch boasts a wide range of robust features to make setup and daily access easy and convenient in many commercial applications.

Ideal for:
> Management offices
> Staff lounges
> Public restrooms
> Storage closets
> Access to airport apron

## Wireless

## Data-on-Card

The Data-on-Card capabilities of nexTouch coupled with user-friendly Yale Accentra™ software enable easy, affordable lock management for multi-family properties.

Ideal for:
New construction and retrofit projects of multi-family facilities with both individual units and common areas

nexTouch is a perfect small business solution that allows you to implement simple access control by wirelessly integrating the lock into new or existing Zigbee or Z-Wave enabled commercial automation systems.

Ideal for:
Small to medium-sized businesses with new or existing security systems managed by a third-party controller

**Yale® Commercial Solutions**

| Feature | Benefit | Stand-alone | Data-on-Card* | Zigbee/Z-Wave |
|---------|---------|:-----------:|:-------------:|:-------------:|
| Choice of capacitive touchscreen or tactile pushbutton keypad | Touchscreen responds to human touch, enabling convenient entrance or access to programming menu. Pushbutton keypad option also available for more tactile requirements, such as ADA compliance. | ✓ | ✓ | ✓ |
| Keyless entry and management | Reduces complexity of key system management | ✓ | ✓ | ✓ |
| PIN code access | Installations are able to be programmed with up to 500 unique PIN codes and a master codes for access to programming. | ✓ | ✓ | ✓ |
| Modular technology | Allows for upgrade to more advanced security technologies with Data-on-Card and ZigBee/Z-Wave capabilities as requirements change and grow. | ✓ | ✓ | ✓ |
| Works with cloud-based management software | Single system enables use from anywhere with Internet access from a range of devices, including your computer, smartphone or tablet. |  | ✓ | ✓ |
| Audit trail | Lifetime audit trail stored within the software to know exactly who has accessed the lock when. |  | ✓ | ✓ |
| Voice-guided programming in 3 languages | Voice-guided prompts make updates straightforward and effortless in English, Spanish or French. | ✓ | ✓ | ✓ |
| Three (3) volume modes | Playback can be set for normal, low or silent. | ✓ | ✓ | ✓ |
| Privacy feature with Door Position Switch | By holding the interior lock button down for 1.5 seconds, the exterior keypad is temporarily disabled ensuring complete privacy and no additional entry. | ✓ | ✓ | ✓ |
| Weather resistant gasket seal | Lock is operational even in outdoor settings, in temperatures ranging from -40°F to 140°F (-40°C to 60°C) at 95% relative humidity. | ✓ | ✓ | ✓ |
| Low battery indicator | Blinking designation signals internal 4 AA alkaline batteries are low. | ✓ | ✓ | ✓ |
| 9V battery power backup feature | With the touch of a 9V battery to the designated area on the front of the lock, your nexTouch can be powered up for one-time entry. | ✓ | ✓ | ✓ |
| Optional passage mode | PIN codes can be used to enable passage mode, allowing for continuous entry for non-restricted traffic. | ✓ |  | ✓ |
| Hardwire power capable | Can be powered externally using remote 9VDC power supply and plug-in wall transformer. | ✓ | ✓ | ✓ |
| Keypad lockout feature | Deters tampering by disabling the keypad for a default of 180 seconds after five (5) successive failed attempts. | ✓ | ✓ | ✓ |

*Data-on-Card technology module available only through Authorized Channel Partners. Please contact your ASSA ABLOY Door Security Solutions sales consultant for more information.

Hurricane · BHMA CERTIFIED · UL · (accessibility)

**Capacitive Touchscreen**

**Weather Resistant Seal**

*Touchscreen as shown when not activated*

**Lockout Mode**

**Low Battery Indication**

**9V Battery Power Backup**

**Optional Cylinder/ Key Override**

**Privacy Button**
*DPS required*

*Touchscreen as shown when activated*

**Voice-Guided Programming**

**Pushbutton keypad option available**
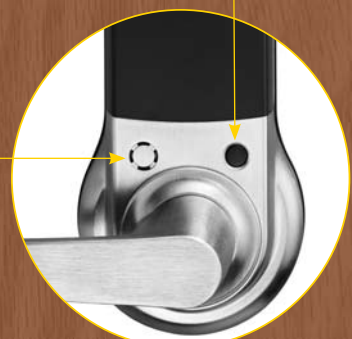
## CYLINDRICAL

| Quantity | Lever Design | Series | Function | Technology | Finish | Door Thickness | Cylinder | Latch | Strike |
|---|---|---|---|---|---|---|---|---|---|
| # | AU - Augusta<br><br>MO - Monroe<br><br>PB - Pacific Beach | NTB - nexTouch bored | 610 - Key override, pushbutton keypad<br><br>620 - Key override, capacitive touchscreen<br><br>630 - No key override, pushbutton keypad<br><br>640 - No key override, capacitive touchscreen | NR - Keypad only, no radio<br><br>HA2 - ZigBee wireless communication<br><br>ZW2 - Z-Wave wireless communication | 605 - Bright brass, clear coated<br><br>613E - Dark oxidized bronze - equivalent<br><br>626 - Satin chrome plated<br><br>BSP - Black suede powder coat | 1-3/4"<br>1-3/8" | 1803-53L - 6-pin cylinder standard, see pages 9-10 for additional options[1] | 694 latchbolt with 2-1/4" x 1-1/8" front, 2-3/4" backset and 1/2" bolt throw standard, see page 11 for additional options | 497 ANSI strike standard, see page 12 for additional options |

[1] When ordering SFIC and LFIC cylinders, please use appropriate prefix before lever selection. See page 10 for more information.
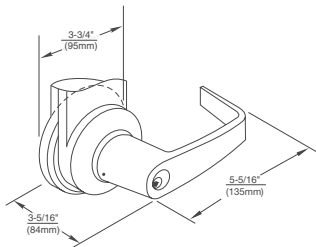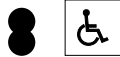
## BUILD YOUR ORDER STRING

| Quantity | Lever Design | Series | Function | Technology | Finish | Door Thickness | Cylinder | Latch | Strike |
|---|---|---|---|---|---|---|---|---|---|
| *Example:* | AU | NTB | 610 | NR | 626 | 1-3/4" | 1803-53L | 694 | 497 |

nexTouch™ Keypad Lock

# Trim Designs and Finishes

## CYLINDRICAL
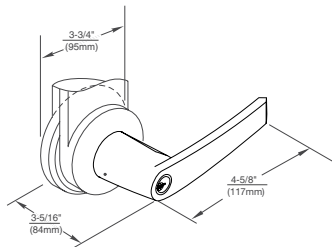
| AUGUSTA AU | MONROE MO | PACIFIC BEACH PB |
|---|---|---|
| **Lever:** Cast Zinc | **Lever:** Cast Zinc | **Lever:** Cast Zinc |



3-3/4" (95mm)
5-5/16" (135mm)
3-5/16" (84mm)

3-3/4" (95mm)
4-5/8" (117mm)
3-5/16" (84mm)

3-3/4" (95mm)
5-1/2" (140mm)
3-5/16" (84mm)
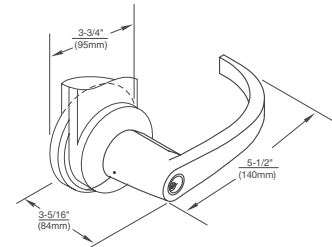
All levers available with small and large format interchangeable core. See page 12 for details.

## FINISHES

**ANSI/BHMA Code**
**Finish Description**

| 605 | 613E | 626 | 676 |
|---|---|---|---|
| Bright Brass, Clear Coated | Dark Oxidized Satin Bronze - equivalent | Satin Chrome Plated | Flat Black Powder Coat |

# Functions

## CYLINDRICAL

### NTB630 Pushbutton
### NTB640 Touchscreen

**Without Cylinder Override**
- For doors that do not require mechanical key override.
- Latchbolt retracted by lever outside with valid PIN code, or by operating lever inside.
- Inside lever always active.
- Deadlocking latchbolt.
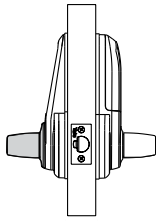
Outside       Inside

### NTB610 Pushbutton
### NTB620 Touchscreen

**With Cylinder Override**
- For doors that require mechanical key override.
- Latchbolt retracted by lever outside with valid PIN code; by use of mechanical key, or by operating lever inside.
- Inside lever always active.
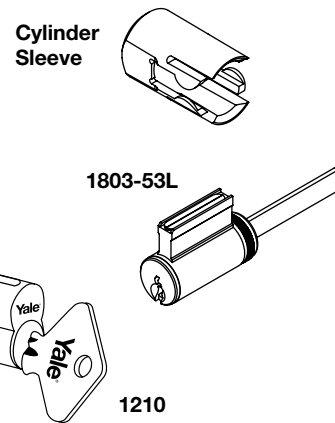- Deadlocking latchbolt.

Outside       Inside

**nexTouch™ Keypad Lock**
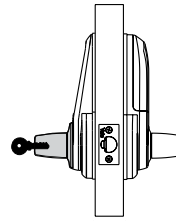
# Cylinders

## CYLINDRICAL

### Cylinder Options

The following selection guide indicates the correct cylinder for each locking segment.

| Lockset Series nexTouch™ | | Types of Cylinder Mechanisms | | | | | |
|---|---|---|---|---|---|---|---|
| | | Conventional | | Protected Keyway | | Security | |
| **Fixed Core** | | **6-pin** | **7-pin** | **6-pin** | **7-pin** | **6-pin** | **7-pin** |
| | Key-In-Lever | 1803-53L | N/A | K403-53L | N/A | 5803-53L | N/A |
| | **Interchangeable Core** | | | | | | |
| | LFIC | 1210 | N/A | K800 | N/A | 5210 | N/A |
| | SFIC | A600 | A600 | K600 | K600 | N/A | N/A |

Cylinder Types

Refer to Yale® KeyMark® and/or Cylinders and Keys Catalog sections for all details and how-to-order examples.

**Note: The 1803-53L Cylinder requires an adapter sleeve to fit in the nexTouch lockset. (P/N 14-YM00-9078-999)**

Cylinder Sleeve

**1803-53L**

**1210**

## Other Manufacturers' Keyway Cylinders

| Illustration | Description | Model Number | Number of Pins |
|---|---|---|---|
| | Best® Keyway Cylinder. Available keyed random, master keyed or uncombinated. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M. | A600 | 6 or 7 |
| Cylinder Sleeve / Cylinder | Schlage® "C" Keyway. Available 0-bitted or keyed random. | 2803-53L* | 6 |
| Cylinder Sleeve / Cylinder | Corbin Russwin "L4", Corbin "60", Russwin "D1", Sargent® "LA" or Schlage® "E" Keyway. Specify keyway. Available keyed random. | 3803-53L* | 6 |
| Cylinder Sleeve / Cylinder | Arrow "AR" Keyway. Specify keyway. Available keyed random. | 100CV1 | 6 |

*The 2803-53L and 3803-53L cylinders require a cylinder sleeve (P/N 14-YM00-9078-999) to fit the nexTouch™ lockset.

# Cylinders

## CYLINDRICAL (CONTINUED)

### Levers Accepting SFIC And Other Manufacturers' Large Format Interchangeable Cores

| Description | Lever Prefix | Number of Pins |
|---|---|---|
| SFIC (Accepts all Small Format Interchangeable Cores) | B (i.e. B-AU, B-MO, B-PB) | 6 or 7 |
| Corbin Russwin (LFIC) | R (i.e. R-AU) | 6 |
| Medeco®, ASSA® (LFIC)** | M (i.e. M-AU)** | 6 |
| Sargent (LFIC) | SG (i.e. SG-AU, SG-PB) | 6 |
| Schlage® (LFIC) | SI (i.e. SI-AU, SI-PB) | 6 |

**Medeco®, ASSA® option available only with AU lever. (Note: For Medeco 32 series cores.)
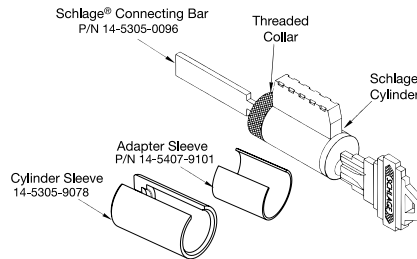LFIC = Large Format Interchangeable Core
SFIC = Small Format Interchangeable Core

### 108 Schlage® Cylinder Adapter Kit

Kit used to modify Schlage® cylinder to fit nexTouch™.

P/N  14-5407-9101-999 - 108S

Kit includes tailpiece and sleeve. To order the 108S adapter kit, use an "S" prefix (i.e., S-AU x NTB610).
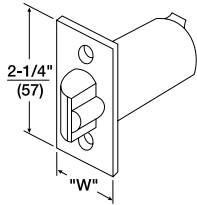
**nexTouch™ Keypad Lock**

## CYLINDRICAL

### Deadlocking Latchbolts

**Model No. 694** supplied standard with all nexTouch™ locksets. Model No. 694 latchbolt has a 2-1/4" x 1-1/8" front with a 2-3/4" backset and a 1/2" bolt throw. Optional latchbolts to special order.

2-1/4" (57)

"W"

| Model No. | Front | Backset | "W" Front Width | Throw | Latch Diameter |
|---|---|---|---|---|---|
| 694 (standard) | Beveled | 2-3/4" (70mm) | 1-1/8" (29mm) | 1/2" (13mm) | 1" (25mm) |
| F694 | Flat | 2-3/4" (70mm) | 1-1/8" (29mm) | 1/2" (13mm) | 1" (25mm) |
| 480B | Beveled | 2-3/4" (70mm) | 1-1/8" (29mm) | 3/4" (19mm) | 1" (25mm) |
| F480B | Flat | 2-3/4" (70mm) | 1-1/8" (29mm) | 3/4" (19mm) | 1" (25mm) |
| 380N* | Flat | 2-3/8" (60mm) | 1" (25mm) | 1/2" (13mm) | 3/4" (19mm) |

When ordering latchbolts separately, specify Model No. x Finish (e.g., 694 x 626).
*Using 380N latch results in Grade 2 ANSI/BHMA performance of the lock.
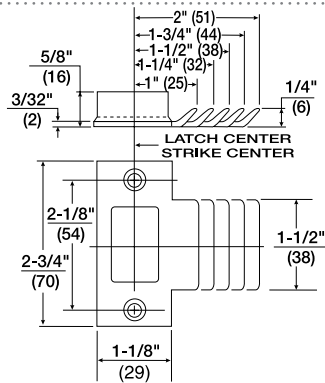
# Strikes

## CYLINDRICAL

Yale® nexTouch™ locksets are available with a variety of strike options.  All strikes are located on the same vertical and horizontal center lines as the latchbolt. Some strikes are available in a variety of lip lengths to accommodate varying thickness of doors and frames. To determine the proper length of the lip, measure from the center line of the strike to the edge of the jamb and add 1/4" (6mm).  All strikes are reversible.
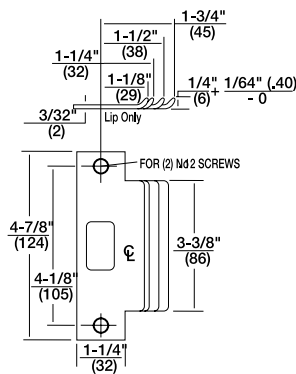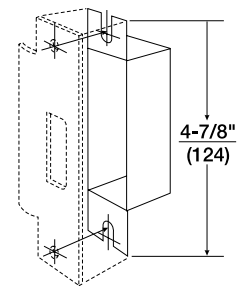


**Model No. 497 ANSI Strike (Standard)**
For door and frames with ANSI/BHMA A156.115 preparations. 1-1/4" supplied standard. 1-1/8", 1-1/2", and 1-3/4" lip lengths available by special order.



**Model No. 371 T-Strike (Optional)**
1-1/4" curved lip supplied standard. 1", 1-1/2", 1-3/4", and 2" curved lip lengths available by special order. Wrought strike box supplied.
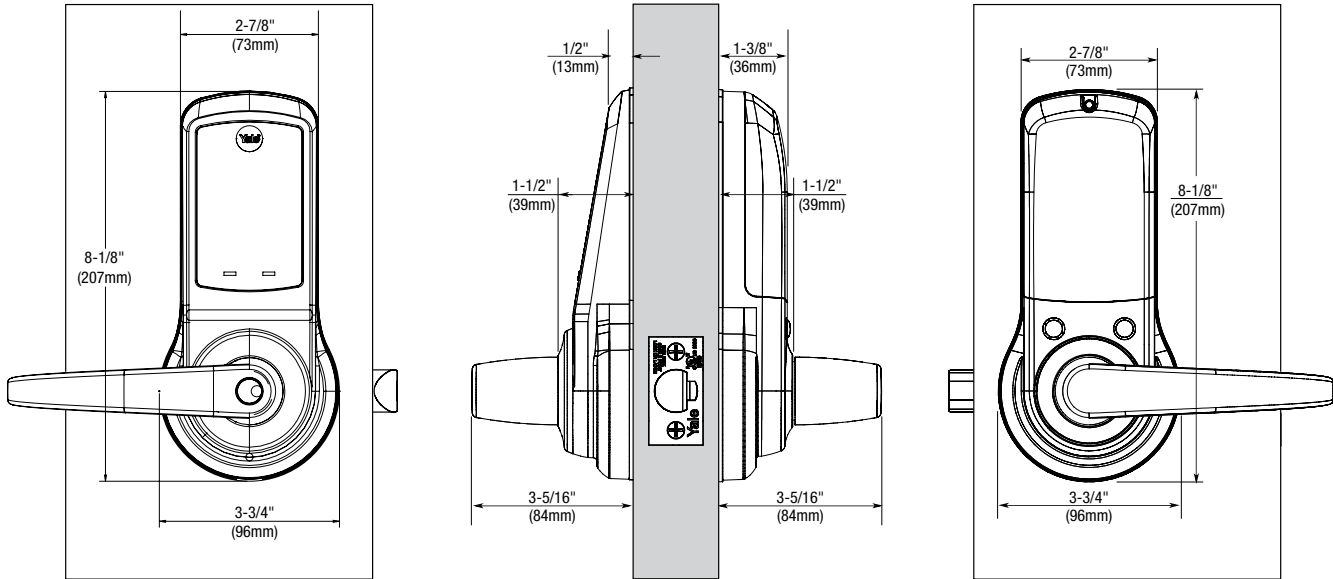


**Model No. 202 Strike Box for ANSI Strike (Optional)**
Specify 497 x 202

**nexTouch™ Keypad Lock**

# Dimensions

## CYLINDRICAL



2-7/8"
(73mm)

8-1/8"
(207mm)

3-3/4"
(96mm)

1/2"
(13mm)

1-3/8"
(36mm)

1-1/2"
(39mm)

1-1/2"
(39mm)

3-5/16"
(84mm)

3-5/16"
(84mm)

2-7/8"
(73mm)

8-1/8"
(207mm)

3-3/4"
(96mm)

Dimensions given in inches (mm).

# nexTouch™ Sectional Mortise

BHMA CERTIFIED    UL    ♿

*Touchscreen as shown when activated*

🔒 **Lockout Mode**

▭ **Low Battery Indication**

**Weather Resistant Seal**

**9V Battery Power Backup**

**Reflections® decorative lever options available**

**Optional Security Deadbolt**

**Built-in DPS/ Deadlocking Function**

**nexTouch™ Keypad Lock**

## SECTIONAL MORTISE

| Quantity | Lever Design | Series | Function | Technology | Finish | Hand* | Door Thickness | Cylinder | Strike |
|---|---|---|---|---|---|---|---|---|---|
| | AUR = Augusta<br><br>MOR = Monroe<br><br>PBR = Pacific Beach<br><br>ARR = Arcadia<br><br>CRR = Carmel<br><br>JNR = Jefferson<br><br>PNR = Pinehurst<br><br>VIR = Virginia<br><br>See page 17 for Reflections decorative lever options | NTM = nexTouch mortise | 610 = Key override, pushbutton keypad<br><br>620 = Key override, capacitive touchscreen<br><br>630 = No key override, pushbutton keypad<br><br>635 = No key override, no deadbolt, pushbutton keypad<br><br>640 = No key override, capacitive touchscreen<br><br>645 = No key override, no deadbolt, capacitive touchscreen | NR = Keypad only, no radio<br><br>HA2 = Zigbee wireless communication<br><br>ZW2 = Z-Wave wireless communication | 605 = Bright brass, clear coated<br><br>613E = Dark oxidized bronze - equivalent<br><br>626 = Satin chrome plated<br><br>BSP = Black suede powder | RH<br>LH | 1-3/4" standard, up to 2-1/4" door thickness available | 2153 cylinder standard, see pages 20-22 for additional options | 2815 curved lip strike standard, see page 24 for additional options |

*Lock is field reversible

## BUILD YOUR ORDER STRING

| | Quantity | Lever Design | Series | Function | Technology | Finish | Hand | Door Thickness | Cylinder | Strike |
|---|---|---|---|---|---|---|---|---|---|---|
| *Example:* | | AUR | NTM | 620 | NR | 626 | RH | 1-3/4 | 2153 | 2815 |

# Trim Designs

## SECTIONAL MORTISE

### AUGUSTA AUR
**AU Lever Handle:** Cast



2-9/16 (65)  3/8 (10)
2-1/4 (57)
4-1/2 (114)
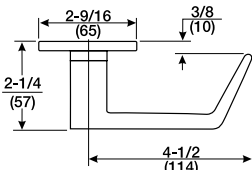
### MONROE MOR
**MO Lever Handle:** Cast



2-9/16 (65)
2-3/4 (70)
4-5/16 (110)
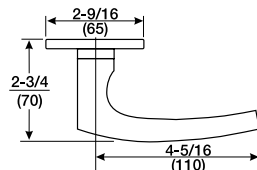
### PACIFIC BEACH PBR
**PB Lever Handle:** Cast



2-9/16 (65)
2-3/4 (70)
4-5/8 (117)
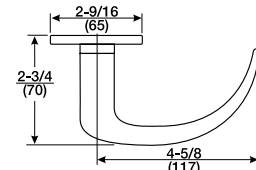
### ARCADIA ARR
**AR Lever Handle:** Cast



2-9/16 (65)
3-1/16 (78)
4-3/32 (104)
ARR
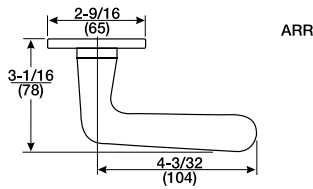
### CARMEL CRR
**CR Lever Handle:** Cast



2-9/16 (65)  3/8 (10)
2-7/8 (73)
5 (127)
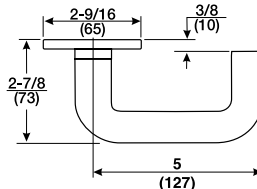
### JEFFERSON JNR
**JN Lever Handle:** Cast



2-9/16 (65)
2-3/8 (60)
4-7/16 (113)
JNR
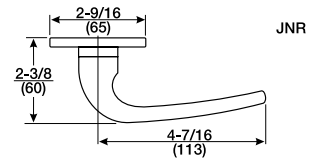
### PINEHURST PNR
**PN Lever Handle:** Cast



2-9/16 (65)
2-7/8 (73)
5-1/8 (130)
PNR
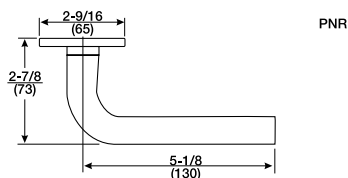
### VIRGINIA VIR
**VI Lever Handle:** Cast



2-9/16 (65)
2-1/2 (64)
17/32 (14)
5 (127)
VIR

**nexTouch™ Keypad Lock**
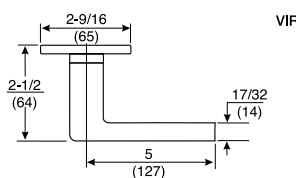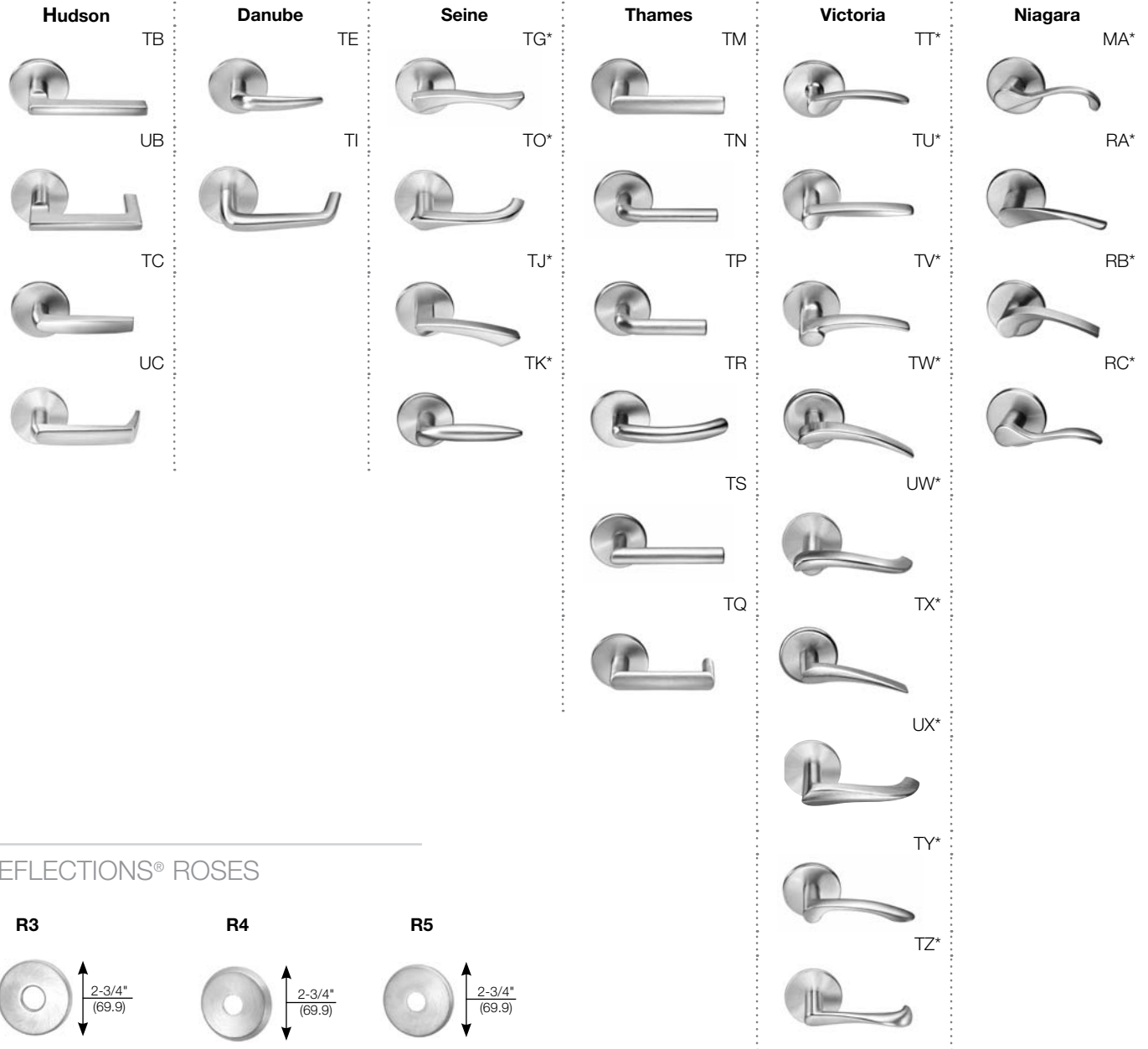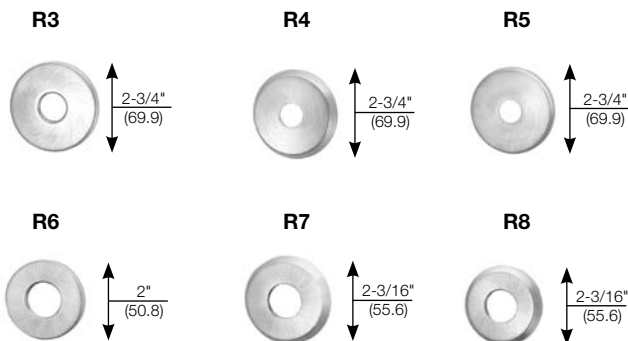
# Reflections® Decorative Trim

Yale nexTouch sectional mortise locks are available with Reflections lever trim, a comprehensive line of highly stylized lever handles. Reflections lever handles are made from solid brass or stainless steel and can withstand years of abuse. Available in an array of finishes, these levers complement any wood grain or other door exterior. Each lever is hand-polished and specially designed for ergonomics and style.

| Hudson | Danube | Seine | Thames | Victoria | Niagara |
|--------|--------|-------|--------|----------|---------|
| TB | TE | TG* | TM | TT* | MA* |
| UB | TI | TO* | TN | TU* | RA* |
| TC | | TJ* | TP | TV* | RB* |
| UC | | TK* | TR | TW* | RC* |
| | | | TS | UW* | |
| | | | TQ | TX* | |
| | | | | UX* | |
| | | | | TY* | |
| | | | | TZ* | |

## REFLECTIONS® ROSES

| R3 | R4 | R5 |
|----|----|----|
| 2-3/4" (69.9) | 2-3/4" (69.9) | 2-3/4" (69.9) |

| R6 | R7 | R8 |
|----|----|----|
| 2" (50.8) | 2-3/16" (55.6) | 2-3/16" (55.6) |

*Indicates levers that are handed.

# Finishes

| ANSI/BHMA Code Finish Description | | | |
|---|---|---|---|
| **605**<br>**Bright Brass, Clear Coated** | **613E**<br>**Dark Oxidized Satin Bronze - equivalent** | **626**<br>**Satin Chrome Plated** | **BSP**<br>**Black Suede Powder Coat** |

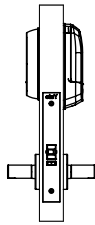nexTouch™ Keypad Lock

# Functions

## SECTIONAL MORTISE

### NTM630 Pushbutton
### NTM640 Touchscreen

**No Deadbolt Without Cylinder Override**
- For doors that do not require mechanical key override.
- Latchbolt retracted by lever either side, except when outside lever is locked
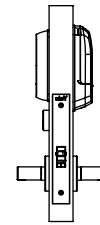- Deadlocking latchbolt.

Outside      Inside

### NTM610 Pushbutton
### NTM620 Touchscreen

**No Deadbolt With Cylinder Override**
- For doors that require mechanical key override.
- Latchbolt retracted by lever either side, except when outside lever is locked.
- When outside lever is locked, latchbolt is operated by key outside.
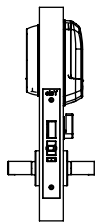- Deadlocking latchbolt.

Outside      Inside

### NTM635 Pushbutton
### NTM645 Touchscreen

**Deadbolt without cylinder override**
- Latchbolt retracted by lever either side, except when outside lever is locked.
- Deadbolt operated by thumbturn inside.
- When deadbolt is projected, lever is automatically locked.
- Anti-panic operation. Operating inside lever automatically retracts latch bolt and deadbolt with outside lever remaining locked.
- Deadlocking latchbolt.

Outside      Inside

### NTM615 Pushbutton
### NTM625 Touchscreen

**Deadbolt with cylinder override**
- Latchbolt retracted by lever either side, except when outside lever is locked.
- Deadbolt operated by key outside, thumbturn inside.
- When outside lever is locked, latchbolt and deadbolt are operated by key outside.
- When deadbolt is projected, lever is automatically locked.
- Anti-panic operation. Operating inside lever automatically retracts latchbolt and deadbolt with outside lever remaining locked.
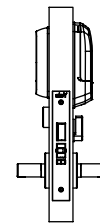- Deadlocking latchbolt.

Outside      Inside

# Cylinders

## SECTIONAL MORTISE

### Conventional Cylinders

| Illustration | Cylinder Model Number | Application | Cam | Length | |
|---|---|---|---|---|---|
| | | | | **6-Pin** | **7-Pin** |
| | 2153 | Standard cylinder | 2160 | 1-1/8" 1-1/4" 1-3/8" 1-1/2" 1-5/8" 1-3/4" | 1-1/4" 1-3/8" 1-1/2" 1-5/8" 1-3/4" |
| | 2153S | For inside operation of 8817-2 and 8834-2 functions only | 2130 | | |
| | 2123 | Cylinder for longer lengths | 2160 | 1-7/8" thru 3-1/2" in 1/8" increments* | |
| | 2123S | For inside operation of 8817-2 and 8834-2 functions only for longer lengths | 2130 | | |
| | 2719 | For hotel/motel locks 8820, 8827 and 8832 | 2160 | 1-3/8" | — |

*Contact Technical Product Support for cylinder collar requirements when ordering these cylinders separately. See page 23 for other collar requirements.
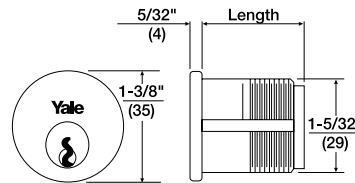


5/32" (4)  Length  1-3/8" (35)  1-5/32" (29)

### Interchangeable Core Mortise Cylinders

| Cylinder Model Number | Application | Cam | Length | Pins | Housing Only Model Number | Core Only Model Number |
|---|---|---|---|---|---|---|
| 2196 | Standard Cylinder | 2160 | 1-1/2", 1-3/4", 2" | 6 | 2221 | 1210 |
| 2197 | Standard Cylinder | 2160 | 1-11/16", 2" | 7 | 2213 | 1220 |

Note: When ordering interchangeable core cylinders or cores only, control keys are not furnished. If control keys are required they must be ordered separately.



Core
Cylinder Shell
Control Key
5/32" (4)  Length  1-3/8" (35)  1-5/32" (29)
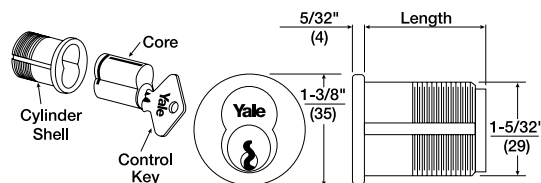
# Cylinders

## SECTIONAL MORTISE (CONTINUED)

### Security Cylinders

Security cylinders contain two independent locking mechanisms. The first is a traditional 6- or 7-pin tumbler mechanism with spool drivers for greatly increased picking resistance.

The second is an innovative 5-tumbler rotating disc mechanism with sidebar engagement. The rotating discs are spring loaded and block the bottom of the keyway.

**Illustration**
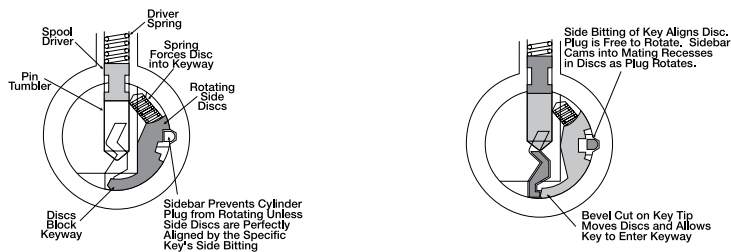


### Security/High Security Mortise Cylinders

| Model Number | Application | Cam | Length | |
|---|---|---|---|---|
| | | | 6-pin | 7-pin |
| 5153/U5153 | Standard Cylinder | 2160 | 1-1/8"<br>1-1/4" | 1-1/4" |

### Security Interchangeable Core Mortise Cylinders

| Cylinder Model Number | Application | Cam | Length | Pins | Housing Only Model Number | Core Only Model Number |
|---|---|---|---|---|---|---|
| 5196 | Standard Cylinder | 2160 | 1-1/2" | 6 | 2221 | 5210 |
| 5197 | Standard Cylinder | 2160 | 1-11/16" | 7 | 2213 | 5220 |

Note: When ordering interchangeable core cylinders or cores only, control keys are not furnished. If control keys are required they must be ordered separately.

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## SECTIONAL MORTISE (CONTINUED)

### Other Manufacturers' Keyway Cylinders/Cores

| Illustration | Model Number | Type | Cam | Length | Pins | Housing Only Model Number | Core Only Model Number |
|---|---|---|---|---|---|---|---|
|  | A620 | Small Format IC Mortise, includes Best® Keyway Core. Available keyed random, master keyed or uncombinated. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M. | KC1 | 1-1/4" | 6 | K660 | A600 |
|  |  |  |  | 1-3/8" 1-3/4" | 6 or 7 |  |  |
|  | 2553 | Fixed Core Mortise Schlage® "C" Keyway Cylinder. Available 0-bitted or keyed random. | 2160 | 1-1/8" | 6 | N/A | N/A |

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### Yale® KeyMark®

For those applications requiring protected key control, Yale® KeyMark® cylinders guard against unauthorized key duplication. The Yale KeyMark Security Leg® keyway feature increases resistance against picking and impressioning and can easily retrofit into existing systems. For further details and availability, refer to the separate Yale KeyMark catalog.

### Protected Keyway Mortise Cylinders

| Model Number | Type | Cam | Length | Pins | Housing Only Model Number | Core Only Model Number |
|---|---|---|---|---|---|---|
| K100 | Fixed Core Mortise | KC1 | 1-1/8", 1-1/4" 1-1/2", 1-3/4" 2" | 6 or 7 | N/A | N/A |
| K820 | Large Format IC Mortise | KC1 | 1-1/2", 1-3/4" 2" | 6 | K860 | K800 |
|  |  |  | 1-11/16" 1-3/4", 2" | 7 |  |  |
| K620 | Small Format IC Mortise | KC1 | 1-1/4" | 6 | K660 | K600 |
|  |  |  | 1-3/8", 1-3/4" | 6 or 7 |  |  |
| K630 | Small Format IC Mortise-Tapered | KC1 | 1-1/4" | 6 | K670 | K600 |
|  |  |  | 1-3/8" | 6 or 7 |  |  |

# Cylinder Collars

## SECTIONAL MORTISE

Cylinder collars are supplied as standard where required with those locksets supplied with cylinders.  Collar size and thickness are supplied to suit the length of the cylinder, the thickness of the door and the trim ordered.  (If door thickness is not specified, collars will be furnished for 1-3/4" (44mm) door.)

Collar length required must be specified for cylinders and/or housings ordered separately.
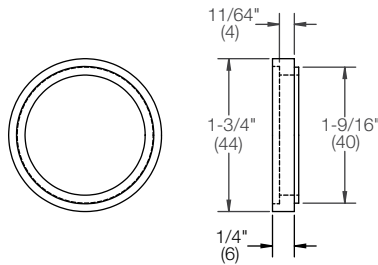
### 1765 Recessed Cylinder Collar
**"A" Dimension:** Thicknesses from 1/16" (2mm) to 1-15/32" (37mm) as required.
**Material:** Brass, Stainless Steel

"A"

1-1/2" (38)

5/32 (4)
Recess for head of cylinder
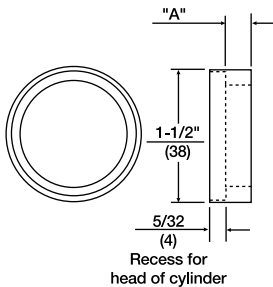
### 1766 Step Collar for U5109 and U5153 High Security Cylinders.
**Material:** Stainless Steel

11/64" (4)

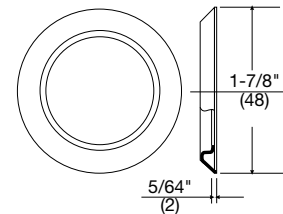1-3/4" (44)    1-9/16" (40)

1/4" (6)

### KP3 Wave Washer
**(Furnished standard with 1765 collar for Yale® KeyMark® cylinders only).**

### KP4 Flush Mount Cylinder Collar
**Material:** Brass, Bronze

1-7/8" (48)

5/64" (2)

# Strikes

## SECTIONAL MORTISE

Yale nexTouch Keypad Sectional Mortise Locks come standard with a 2815 Curved Lip Strike with a 1-1/4" (32mm) lip length. The strike supplied will accommodate the locking function, i.e. latchbolt and/or deadbolt, and can be installed on doors 1-3/4" (44mm) thick. These strikes are non-handed.

**Material:** Brass, Bronze, Stainless Steel.

**Longer/Shorter Lip Lengths:** Mortise lock strikes are mounted 3/8" above the center line of the lock. To determine the proper length of lip use the following formula:

1/2 of the door thickness, plus 1/16" inset, plus trim thickness, plus 1/8" for flat lip strike OR 1/4" for curved lip strike. Select the nearest available length.

### 2815 Curved Lip:
1-1/4" (32mm) standard

Available for special order:

1-1/8" (29mm)

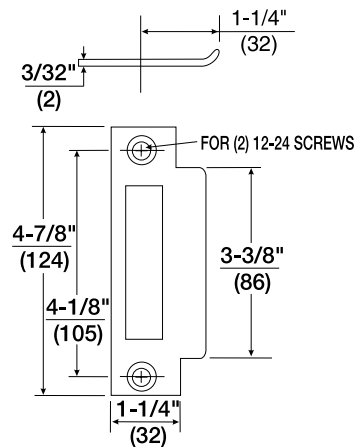1-3/8" (35mm)

1-1/2" (38mm)

1-5/8" (41mm)

1-3/4" (44mm)

1-7/8" (48mm)

2" (51mm)

2-1/8" (54mm)

2-1/4" (57mm)

### 2816 Flat Lip (Available for special order only):
7/8" (22mm)

1" (25mm)

1-1/8" (29mm)

1-1/4" (32mm)

1-1/2" (38mm)

1-3/4" (44mm)

2" (51mm)
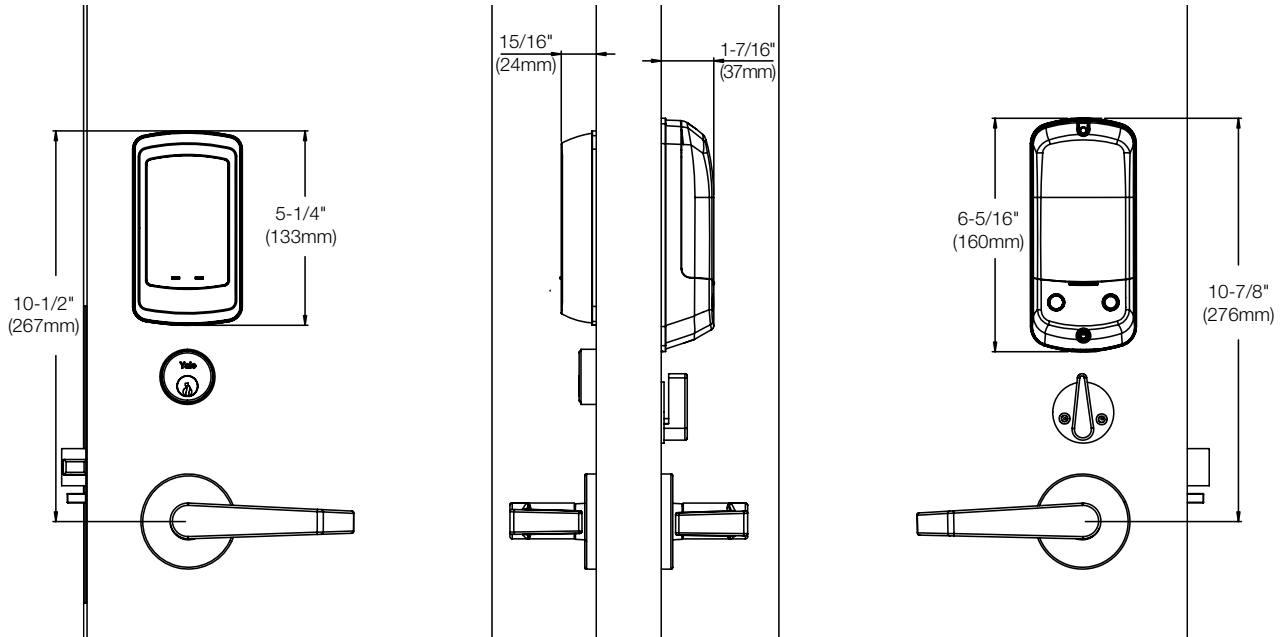
2-1/4" (57mm)

2-1/2" (64mm)



**2815 Curved Lip Strike**
**(1-1/4"/32mm standard)**

nexTouch™ Keypad Lock

# Dimensions

## SECTIONAL MORTISE



5-1/4"
(133mm)

10-1/2"
(267mm)

15/16"
(24mm)

1-7/16"
(37mm)

6-5/16"
(160mm)

10-7/8"
(276mm)

# Technology Options

## CYLINDRICAL & MORTISE

| | |
|---|---|
| NR | Keypad only, no radio |
| HA2 | Zigbee wireless communication |
| ZW2 | Z-Wave wireless communication |

Yale Accentra™ Data-on-Card module available only through Authorized Channel Partners. Please contact your Door Security Solutions sales consultant for more information.

**Zigbee Module**          **Z-Wave Module**

# Options and Accessories

## CYLINDRICAL & MORTISE

| Model/Part Number | Description |
|---|---|
| 784 | Optional remote 9VDC power supply with plug-in wall transformer (used for hardwiring up to two nexTouch locks). |
| WH-28 | Remote unlock and power wire harness (used for hardwiring). |
| 00-0000-3425 | Replacement plug-in wall transformer with 12' cable assembly for 784 power supply. |
| 00-0000-3426 | Gel cell battery - optional for use with 784 power supply. |

Plug In Transformer

784

EPT (Electronic Pass Through) Hinge

nexTouch™
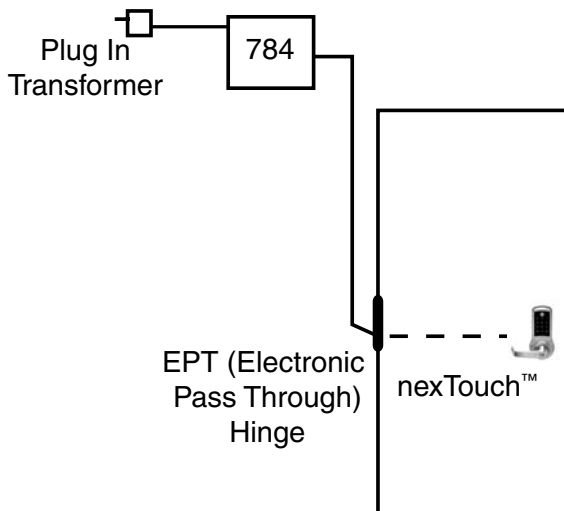
## CYLINDRICAL

| Model/Part Number | Description |
|---|---|
| 14-4761-0106 | 1-3/8" thin door kit. Includes inside and outside escutcheon spacers as well as a 2-3/8" latchbolt. |

## SECTIONAL MORTISE

| Model/Part Number | Description |
|---|---|
| 50-M600-0150-033 | Scar plate, inside without thumbturn |
| 50-M600-0151-033 | Scar plate, inside with thumbturn |
| 50-M600-0152-033 | Scar plate, inside with cylinder |
| 50-M600-0153-033 | Scar plate, inside without cylinder |

# Certifications and Listings

## CYLINDRICAL & MORTISE

### ADA

The nexTouch Series lever design meets accessibility guidelines of the Americans with Disabilities Act and the requirements of the Uniform Federal Accessibility Standards and ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities, all requiring ease of accessibility.

### ANSI/BHMA

nexTouch cylindrical certified ANSI/BHMA A156.2, Series 4000 Grade 1.

nexTouch mortise certified ANSI/BHMA A156.13, Series 1000 Grade 1.

### FIRE LISTINGS

Functions are UL/cUL Fire Listed for use on fire doors having a rating up to and including 3 hours.

Note: Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Yale Locks & Hardware makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

### FCC

Complies with limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

### ISO 14001

Designed and manufactured under a certified ISO 14001 quality system.

### SUSTAINABILITY

EPD and GreenCircle certification.

### WARRANTY

nexTouch has a three year limited warranty on the mechanical and electrical components, and a one year limited warranty on the finish.

### WINDSTORM

Certified (refer to local codes). Hurricane

# Notes

## Notes

# Notes

## Contact Us

**The world's favorite lock** Yale®

**U.S.A.**
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**Solutions Canada**
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Vaughan, Ontario L4K 4T9
Tel: 1-800-461-3007
Fax: 1-800-461-8989
assaabloy.ca

**International:**
**ASSA ABLOY Americas**
**International**
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Fax: 1-905-821-1429
assaabloyai.com

**YALE**, *with its unique global reach and range of products, is the world's favorite lock.*

**ASSA ABLOY** *is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.*

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