



# Table of Contents

## CONTENTS

|   |       |
|---|-------|
| Finishes & How to Order .....               | 2     |
| Yale® KeyMark® and KeyWizard® .....         | 3     |
| Cylinder and Key Stamping .....             | 4     |
| Special Features .....                      |       |
| Construction Master Keying.....             | 5     |
| Interchangeable Core.....                   | 5     |
| Bump Resistant .....                        | 6     |
| Hotel Function .....                        | 6     |
| Security/High Security.....                 | 7     |
| Cylinder Types .....                        |       |
| Mortise .....                               | 8-10  |
| Rim .....                                   | 11-13 |
| Component.....                              | 14-17 |
| Interchangeable Core.....                   | 18    |
| Key Blanks .....                            | 19-20 |
| Keyways.....                                | 21    |
| Cams .....                                  | 22    |
| Collars.....                                | 23    |
| Service Equipment, Parts, Dust Shields..... | 24-27 |
| Pinning Specifications.....                 | 28-29 |
| Policies and Procedures.....                | 30    |
| Designing Master Key Systems .....          | 31    |
| How to Establish Key Systems.....           | 32-34 |

## FINISHES

| ANSI/ BHMA<br>Code | Finish Description   |
|--------------------|--|
| 605                | Bright Brass, Clear Coated                                   |
| 606                | Satin Brass, Clear Coated                                    |
| 609                | Satin Brass, Blackened, Satin Relieved, Clear Coated         |
| 611                | Bright Bronze, Clear Coated                                  |
| 612                | Satin Bronze, Clear Coated                                   |
| 613E               | Dark Oxidized Satin Bronze - equivalent                      |
| 616                | Satin Bronze, Blackened, and Satin Relieved, Clear Coated    |
| 618                | Bright Nickel Plated, Clear Coated                           |
| 619                | Satin Nickel Plated, Clear Coated                            |
| 620                | Satin Nickel Plated, Blackened, Satin Relieved, Clear Coated |
| 625                | Bright Chrome Plated   |
| 626                | Satin Chrome Plated  |
| 629                | Bright Stainless Steel                                       |
| 630                | Satin Stainless Steel  |
| 693                | Black Painted  |

### Notes:

- Rim cylinders not available in 629 or 630 finishes.
- Component plugs only provided in 606 and 626

## CYLINDERS/KEYS

Today's facilities require flexible options when it comes to security. Thanks to recent technological changes in the security industry, modern commercial buildings have a variety of choices of how access to each opening is controlled. Mechanical key cylinders continue to provide strong traditional security, but many facilities favor a combination of mechanical and electronic security products for convenient access with an audit trail.

Yale offers a range of cylinder options, including conventional, interchangeable core, security, high security and Yale KeyMark®. Providing an array of cylinders, keys and keying systems that meet the needs of any facility, Yale Works for You<sup>SM</sup>.

## HOW TO ORDER CYLINDERS

When ordering cylinders separately, the following details should be specified. Cylinders ordered with Yale products will be provided to accommodate those products. Detailed information can also be found in the individual product catalogs.

| Model # | Length | Cam  | Collar   | No. of Pins | Keyway | Finish |
|---------|--------|------|----------|-------------|--------|--------|
| 2153    | 1-1/8" | 2160 | 1765.250 | 6           | GA     | 626    |

## HOW TO ORDER KEYWIZARD®

All KeyWizard programs are licensed specifically to each facility end user. Special online ordering procedures apply. The following information is required for each system:

- End user facility name
- End user contact person
- Mailing address
- Phone number

Certified ANSI/BHMA A156.5, Grade 1





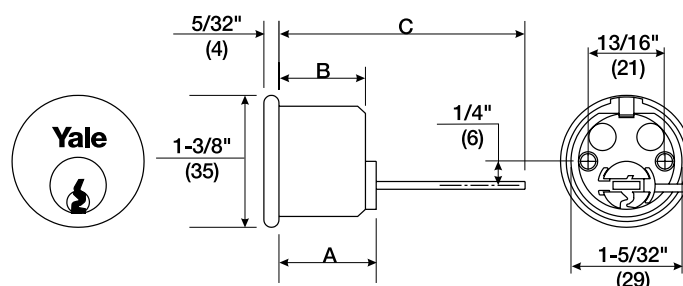
## Rim Cylinders

### FIXED CORE FOR CURRENT PRODUCTS

Includes standard, hotel, security and high security for rim lock and exit device trim applications. When ordered with products, cylinders are provided with applicable tailpiece and collar. Cylinders ordered separately are provided with backplate and screws standard. Tailpiece must be specified. If required, collar must be specified. Refer to individual product sections for collar applications and sizes.



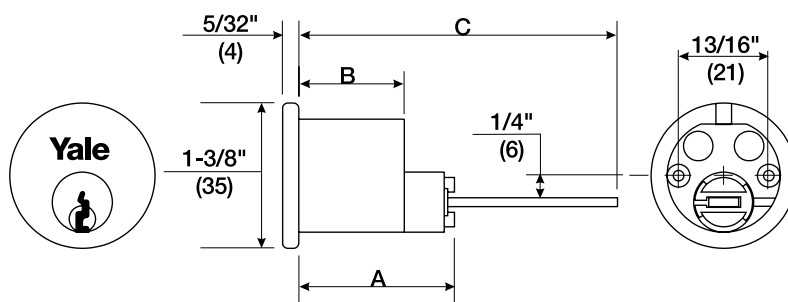
| Model # | Description   | No. of Active Pins | Dim A            | Dim B           | Dim C                            |                                  |
|---------|---|--------------------|------------------|-----------------|----------------------------------|----------------------------------|
|         |   |                    |                  |                 | Tailpiece Model Numbers<br>#1145 | Tailpiece Model Numbers<br>#1147 |
| 1109    | Standard cylinder                                       | 5                  | 1-1/32"<br>(26)  | 15/16"<br>(24)  | 2-9/16"<br>(65)                  | 3-7/16"<br>(87)                  |
|         |   | 6                  | 1-7/32"<br>(31)  | 1-3/32"<br>(28) | 2-3/4"<br>(70)                   | 3-5/8"<br>(92)                   |
|         |   | 7                  | 1-13/32"<br>(36) | 1-1/4"<br>(32)  | 2-15/16"<br>(75)                 | 3-13/16"<br>(97)                 |
| 5109    | Security cylinder                                       | 6                  | 1-7/32"<br>(31)  | 1-3/32"<br>(28) | 2-3/4"<br>(70)                   | 3-5/8"<br>(92)                   |
|         |   | 7                  | 1-13/32"<br>(36) | 1-1/4"<br>(32)  | 2-15/16"<br>(75)                 | 3-13/16"<br>(97)                 |
| 2109    | Schlage® "C" keyway cylinder - 0-bitted or keyed random | 6                  | 1-7/32"<br>(31)  | 1-3/32"<br>(28) | 2-3/4"<br>(70)                   | 3-5/8"<br>(92)                   |



### FIXED CORE FOR HOTEL/MOTEL FUNCTION PRODUCTS

| Model # | Description                                | No. of Active Pins | Dim A          | Dim B           | Dim C                            |                                  |
|---------|--|--------------------|----------------|-----------------|----------------------------------|----------------------------------|
|         |  |                    |                |                 | Tailpiece Model Numbers<br>#1145 | Tailpiece Model Numbers<br>#1147 |
| 1179*   | Standard cylinder for Hotel/Motel function | 6                  | 1-5/8"<br>(41) | 1-3/32"<br>(28) | 3-3/16"<br>(81)                  | 4"<br>(102)                      |

\*Cylinders are 6-pin for master keying expansion purposes. Locksets and housings will be 7-pin in length to accommodate top level master keys. See page 6 for more information.



Dimensions are shown in inches (millimeters)