# ED8000 Series

## Product Catalog

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## Applications

Heavy-duty steel construction and Grade 1 performance, priced for outstanding value. Meets rigorous life safety and security requirements, while offering pleasing aesthetics and trouble-free operation. Designed for high-use, high-abuse situations, ED8000 Series Pushpad Exit Devices can be teamed with a variety of Corbin Russwin trims to provide desired functions, styles and finishes in new construction and renovations, including these settings:

- School and University
- Health Care
- Government and Public
- Commercial and Industrial
- Office and Retail
- Transportation and Utilities
- Hotels and Conference Centers
- Religious

## Advantages

- Meets ANSI Grade 1 requirements
- Easy-to-use pushpad for quick egress and ADA compliance
- Heavy-duty steel construction
- 3/4" latchbolt standard on rim device
- Low profile and projection for barrier-free code compliance
- No projecting parts to inhibit egress
- Devices accommodate various trim functions for flexibility
- Wide range of trim styles and finishes to match other Corbin Russwin products
- One-point dogging standard on panic-listed devices
- Devices available to satisfy C-UL US safety and fire requirements

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**WHI**      Listed by Warnock Hersey International Inc., as fire exit hardware.
**C-UL US**    Listed by Underwriters Laboratories Inc., as fire exit hardware.

| Single Door | Listing | Maximum Opening | Application | |
|---|---|---|---|---|
| Rim<br>   ED8200<br>   ED8200B<br>   ED8200A | Panic<br>1-1/2 Hr. WHI<br>3Hr. UL | 4' x *<br>4' x 8'<br>4' x 8' | Surface applied; single point latching. | |
| Surface Vertical Rod<br>   ED8400 | Panic | 4' x 10' | Surface applied; two point latching. | |

| Pair of Doors with Removable Mullion | Listing | Maximum Opening | Application | |
|---|---|---|---|---|
| Rim x Rim<br>   ED8200 x ED8200 x CR910<br>   ED8200B x ED8200B x CR908A<br>   ED8200A x ED8200A x CR908A | Panic<br>1-1/2 Hr. WHI<br>3Hr. UL | 8' x 10'<br>8' x 8'<br>8' x 8' | 2 independent active doors with removable mullion. | |

| Pair of Doors | Listing | Maximum Opening | Application | |
|---|---|---|---|---|
| Surface Vertical Rod<br>   x<br>Surface Vertical Rod<br>   ED8400 x ED8400<br>   ED8400A x ED8400A | Panic<br>1-1/2 Hr. UL | 8' x 10'<br>8' x 8' | 2 independent doors with 2 point latching, swinging in the same direction. Overlapping astragal may not be required. | |
| Surface Vertical Rod<br>   x<br>Surface Vertical Rod<br>(Double Egress)<br>   ED8400 x ED8400<br>   ED8400A x ED8400A | Panic<br>3 Hr. UL | 8' x 10'<br>8' x 8' | 2 independent doors with 2 point latching, swinging in opposite directions. Overlapping astragal required for 3-hour openings. | |
| Surface Vertical Rod x Rim<br>   ED8400 x ED8200 x S02 | Panic | 8' x 10' | S02 strike required on inactive door; coordinator recommended. | |

Note: All ED8000 Series Pushpad Exit Devices are UL305 panic listed.
*UL does not set a door height limitation on panic applications.

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| | |
|---|---|
| **ED8200** | **Panic Listed Rim Exit Device** |
| **ED8200B** | **1-1/2 Hour Fire Listed Rim Exit Device** |
| **ED8200A** | **3-Hour Fire Listed Rim Exit Device** |

## Features

### Handing
Non-handed.

### Bar Length
Easily field cut to size.
Standard: 36" bar fits 31" - 36" (787mm-914mm) door.
Optional: 30" bar fits 28" - 30" (711mm-762mm) door; specify W030.
Optional: 42" bar fits 37" - 42" (940mm-1067mm) door; specify W042.
Optional: 48" bar fits 43" - 48" (1092mm-1219mm) door; specify W048.

### Door Thickness
1-3/4" (44mm) standard.
Optional: 1-3/8" (35mm); specify D138.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

### Backset
2-3/4" (70mm). Device and trim cover standard ANSI A115.2 (Type 161) cylindrical lock preparation. (Backset changes when mullion is used.)

### Stile
Minimum width 5" (127mm).

### Projection
2-1/2" (64mm) low profile for barrier-free access.

### Latchbolt
3/4" (19mm) stainless steel pullman-type with stainless steel deadlocking latch.

### Materials
Heavy-duty wrought steel chassis and pushpad; aluminum front and rear bar covers; stainless steel springs; nylon bearings.

### Dogging
Standard on ED8200 devices: single point 1/4 turn dogging.
Optional: less dogging; specify M51. Dogging not available on ED8200A and ED8200B devices.

### Fasteners
Standard on ED8200 devices: machine screws and wood door fasteners.
Optional on ED8200 devices: sex nuts and bolts; specify M54.
Standard on ED8200A and ED8200B devices: sex nuts and bolts.

### Strike
See Options and Accessories, page 11.

### Functions and Trims
Thru-bolted lever, pull and knob trims available with wide range of functions; see Trims and Functions, pages 8-10.

### Cylinders
Cylinder not included unless specified. See Quick Codes, page 15.

### Removable Mullion
See Mullions, page 13.

### Shim Kit
Optional for mounting device over glass bead vision light; specify M58.

### Applications and Listings
See page 3.

### Warranty
One-year limited.

## Certification/Compliance

### ANSI
Meets A156.3, Type 1, Grade 1.
Meets A117.1 Accessibility Code.

### C-UL US
All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on rear cover label indicates listing. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 4' x 8' single or 8' x 8' double doors; UL symbol on rear cover label indicates listing.

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. 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.

### Warnock Hersey International Inc.
ED8200B listed as fire exit hardware for installation on up to 1-1/2 hour fire doors, up to 8' x 8'.

### California State Reference Code
This product has been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code.

### NFPA
All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

### ADA
Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

### Finishes
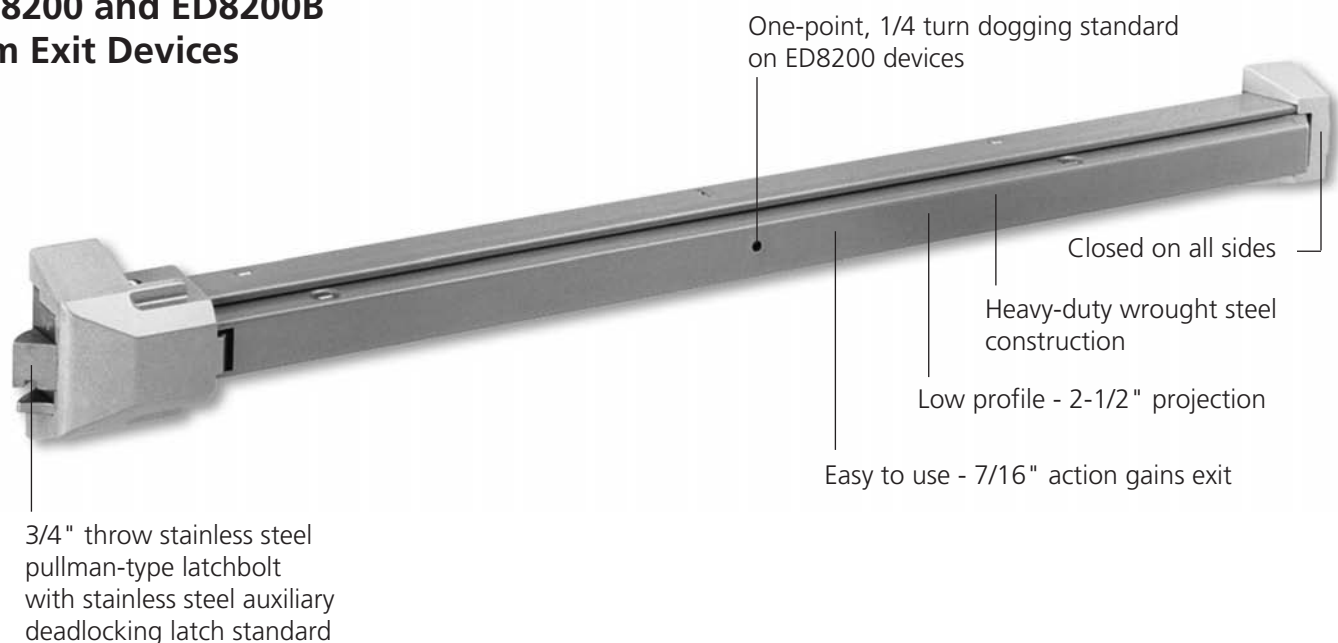Painted finishes available on devices and some trims.

| | |
|---|---|
| BHMA 689 | Silver Aluminum Painted |
| BHMA 690 | Dark Bronze Painted |
| BHMA 691 | Light Bronze Painted |

Plated finishes available on trims only.

| | |
|---|---|
| BHMA 605 | Bright Brass |
| BHMA 606 | Satin Brass |
| BHMA 611 | Bright Bronze |
| BHMA 612 | Satin Bronze |
| BHMA 613 | Oxidized Bronze, oil rubbed, available lacquered |
| BHMA 618 | Bright Nickel Plated |
| BHMA 619 | Satin Nickel Plated |
| BHMA 622 | Flat Black Coated |
| BHMA 625 | Bright Chromium Plated |
| BHMA 626 | Satin Chromium Plated |
| 626C* | Satin Chromium Plated with MicroShield® |
| BHMA 722 | Black oxidized bronze, oil rubbed |

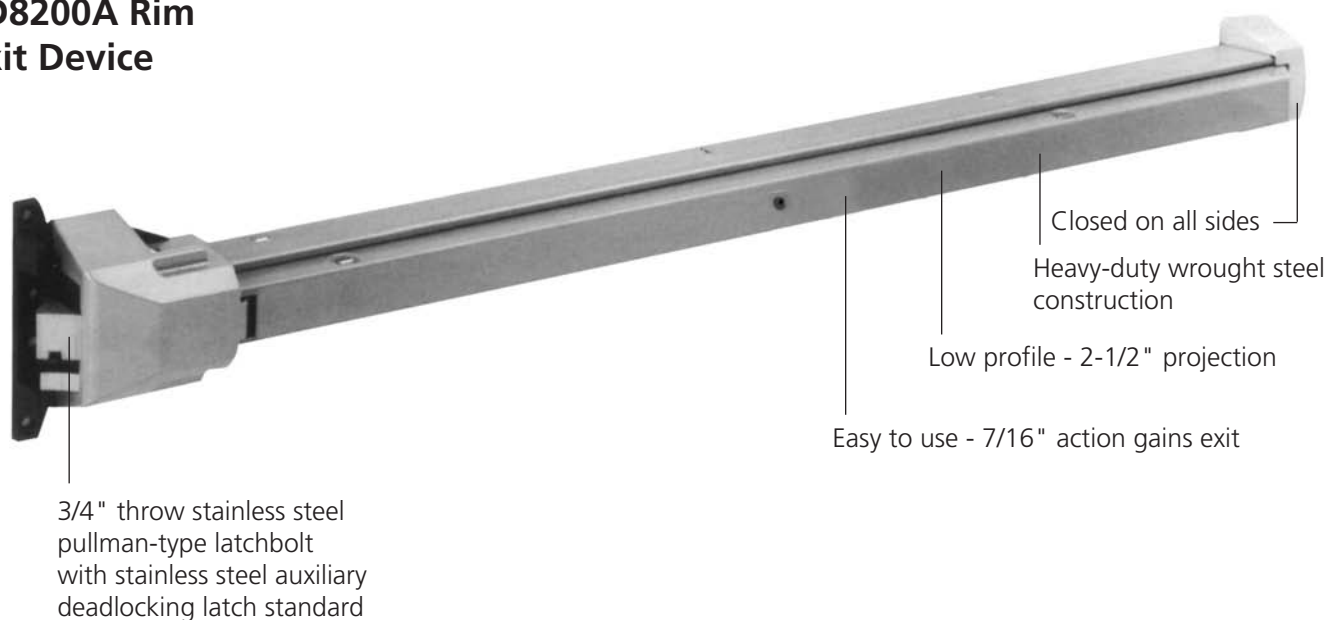*G10, A6, N6 & PR6 trims are available with MicroShield®.

## ED8200 and ED8200B
## Rim Exit Devices

One-point, 1/4 turn dogging standard
on ED8200 devices

Closed on all sides

Heavy-duty wrought steel
construction

Low profile - 2-1/2" projection

Easy to use - 7/16" action gains exit

3/4" throw stainless steel
pullman-type latchbolt
with stainless steel auxiliary
deadlocking latch standard

## ED8200A Rim
## Exit Device

Closed on all sides

Heavy-duty wrought steel
construction

Low profile - 2-1/2" projection

Easy to use - 7/16" action gains exit

3/4" throw stainless steel
pullman-type latchbolt
with stainless steel auxiliary
deadlocking latch standard

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**ED8400** **Panic Listed Surface Vertical Rod Exit Device**
**ED8400A** **3-Hour Fire Listed Surface Vertical Rod Exit Device**

## Features

### Handing
Handed; specify hand.

### Bar Length
Easily field cut to size.
Standard: 36" bar fits 31"- 36"
(787mm-914mm) door.
Optional: 30" bar fits 28" - 30"
(711mm-762mm) door; specify W030.
Optional: 42" bar fits 37" - 42"
(940mm-1067mm) door; specify W042.
Optional: 48" bar fits 43" - 48"
(1092mm-1219mm) door; specify W048.

### Door Thickness
1-3/4" (44mm) standard.
Optional: 1-3/8" (35mm); specify D138.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

### Backset
2-3/4" (70mm). Device and trim cover
standard ANSI A115.2 (Type 161) cylindrical
lock preparation.

### Stile
Minimum width 5" (127mm).

### Door Height
All top rods easily field cut to size.
Standard on ED8400 devices: top rod for
7'6" door.
Optional on ED8400 devices: top rod for
doors up to 10'; specify H1000.
Standard on ED8400A devices: top rod for
8' door.

### Projection
2-1/2" (64mm) low profile for barrier-free
access.

### Latchbolts
ED8400 devices:
Top: 1/2" interlocking drop latch.
Bottom: 5/8" pivoted.
ED8400A devices:
Top: 3/4" (19mm) steel pullman type with
steel deadlocking latch. Bottom: 3/4"
(19mm) deadbolt.

### Vertical Rods
Inverted U-shaped rectangular.

### Materials
Heavy-duty wrought steel chassis and
pushpad; steel vertical rods; aluminum bar
and latch covers; stainless steel springs;
nylon bearings.

### Dogging
Standard on ED8400 devices: single point
1/4 turn dogging.
Optional: less dogging; specify M51.
Dogging not available on ED8400A devices.

### Fasteners
Standard on ED8400 devices: machine
screws and wood door fasteners.
Optional on ED8400 devices: sex nuts and
bolts; specify M54.
Standard on ED8400A devices: sex nuts
and bolts.

### Strike
See Options and Accessories, page 11.

### Functions and Trims
Thru-bolted lever, pull and knob trims
available with wide range of functions; see
Trims and Functions, pages 8-10.

### Cylinders
Cylinder not included unless specified. See
Quick Codes, page 15.

### Applications and Listings
See page 3.

### Shim Kit
Optional for mounting device over glass
bead vision light; specify M58.

### Warranty
One-year limited.

## Certification/Compliance

### ANSI
Meets A156.3, Type 2, Grade 1.

### C-UL US
All devices listed for safety as panic
hardware; devices comply with UL 305
standards for panic hardware. UL symbol
on rear cover label indicates listing. Three-
hour fire-rated devices listed as fire exit
hardware for A label and lesser class 8' x 8'
double doors; UL symbol on rear cover label
indicates listing.

Any retrofit or other field modification to
a fire rated opening can potentially impact
the fire rating of the opening, and Corbin
Russwin, Inc. 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.

### California State Reference Code
This product has been approved by the
California State Fire Marshal (CSFM)
pursuant to Section 13144.1 of the
California Health and Safety Code.

### NFPA
All exit devices comply with NFPA 101 Life
Safety Code. All fire-rated devices comply
with NFPA 80 Fire Doors and Windows.

### ADA
Lever trims and pulls comply with Americans
with Disabilities Act.

### Finishes

Painted finishes available on devices and some trims.

| | |
|---|---|
| BHMA 689 | Silver Aluminum Painted |
| BHMA 690 | Dark Bronze Painted |
| BHMA 691 | Light Bronze Painted |

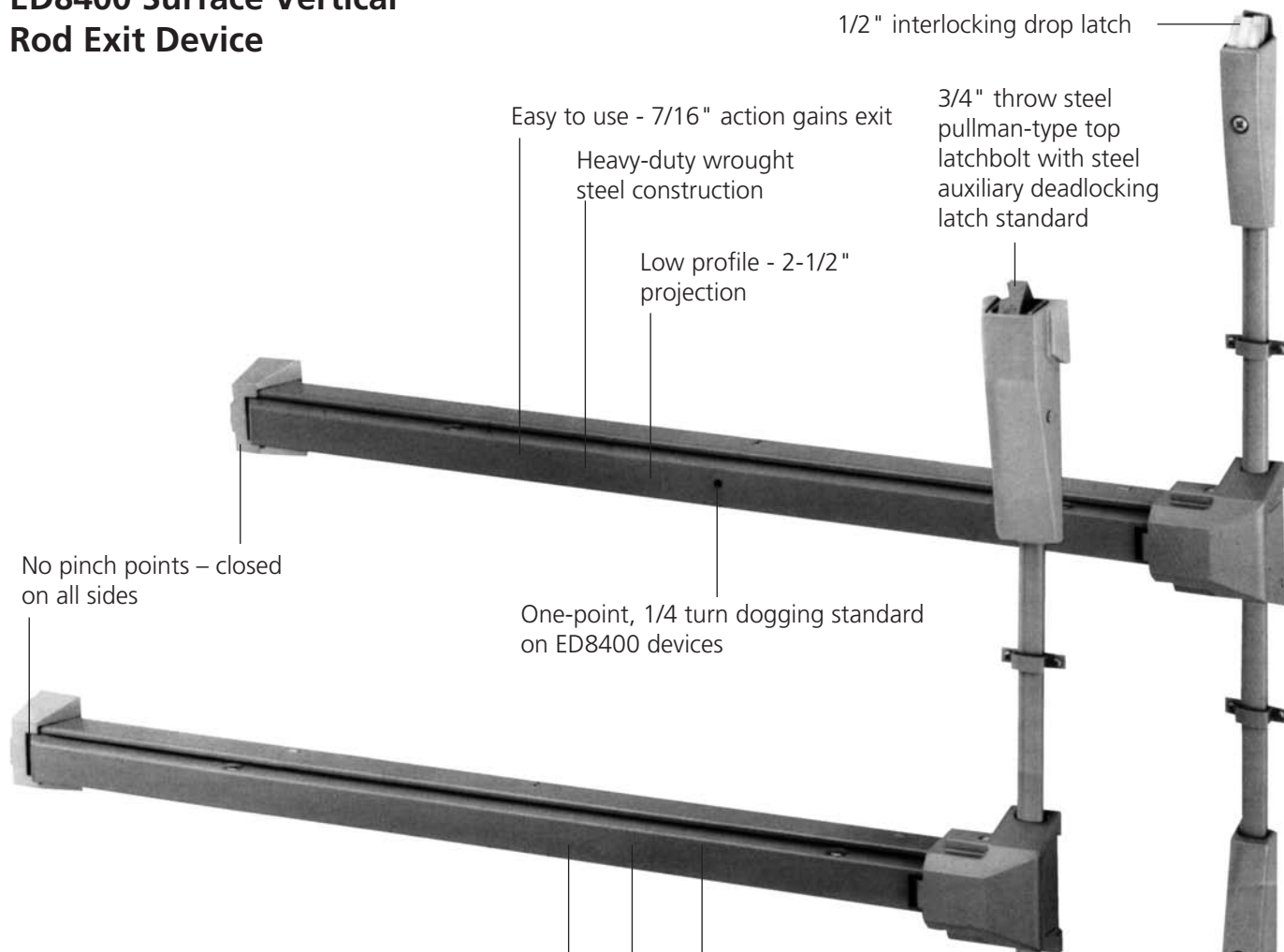Plated finishes available on trims only.

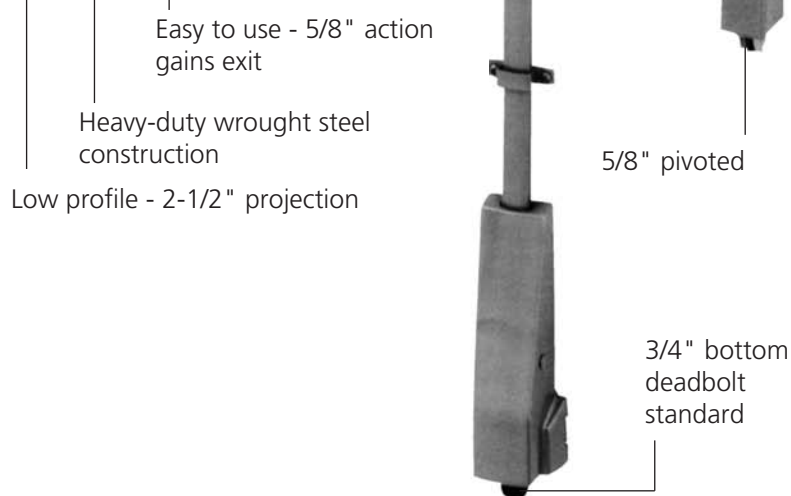| | |
|---|---|
| BHMA 605 | Bright Brass |
| BHMA 606 | Satin Brass |
| BHMA 611 | Bright Bronze |
| BHMA 612 | Satin Bronze |
| BHMA 613 | Oxidized Bronze, oil rubbed, available lacquered |
| BHMA 618 | Bright Nickel Plated |
| BHMA 619 | Satin Nickel Plated |
| BHMA 622 | Flat Black Coated |
| BHMA 625 | Bright Chromium Plated |
| BHMA 626 | Satin Chromium Plated |
| 626C* | Satin Chromium Plated with MicroShield® |
| BHMA 722 | Black oxidized bronze, oil rubbed |

**\*G10, A6, N6 & PR6 trims are available with MicroShield®.**

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## ED8400 Surface Vertical Rod Exit Device

1/2" interlocking drop latch

3/4" throw steel pullman-type top latchbolt with steel auxiliary deadlocking latch standard

Easy to use - 7/16" action gains exit

Heavy-duty wrought steel construction

Low profile - 2-1/2" projection

No pinch points – closed on all sides

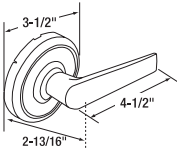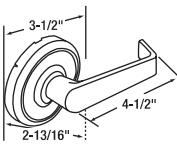One-point, 1/4 turn dogging standard on ED8400 devices

## ED8400A Surface Vertical Rod Exit Device

Easy to use - 5/8" action gains exit

Heavy-duty wrought steel construction

Low profile - 2-1/2" projection

5/8" pivoted

3/4" bottom deadbolt standard

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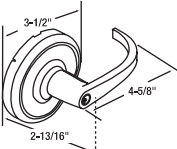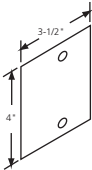
| Rim ED8200 ED8200B ED8200A | | Surface Vertical Rod ED8400 ED8400A | | Type | ANSI No. | Function Descriptions |
|---|---|---|---|---|---|---|
| **Inside** | **Outside** | **Inside** | **Outside** | | | |
| | | | | Exit Only | F01 | • Exit only; no trim. |
| | | | | Dummy | F02 | • Entrance by trim when actuating bar is locked down. |
| | | | | Nightlatch | F03 | • Entrance by trim when latch bolt is retracted by key. Key removable only when locked. |
| | | | | Classroom | F08 | • Entrance by knob or lever. Key locks or unlocks knob or lever. |
| | | | | Passage | — | • Latch bolt retracted by knob or lever. |
| | | | | Storeroom (Lever Active) | F09 | • Entrance by knob or lever only when released by key. Key removable only when locked. |

Indicates rigid grip when locked.

Note: Trims shown are for function representation only. See pages 9 and 10 for available trims.
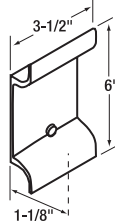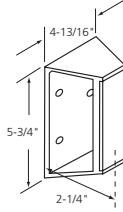
| Trim Design | | | Trim/Function | | | | |
|---|---|---|---|---|---|---|---|
| | | | Passage | Dummy ANSI No. F02 | Classroom ANSI No. F08 | Nightlatch ANSI No. F03 | Storeroom ANSI No. F09 |
| | **Armstrong A6** Lever: Die cast zinc Rose: Wrought brass or bronze Cylinder: Key-in-lever *Available in plated finishes only.* | 3-1/2" 4-1/2" 2-13/16" | A610ET | A650ET | A655ET | A657ET[2] | A659ET |
| | **Newport N6** Lever: Die cast zinc Rose: Wrought brass or bronze Cylinder: Key-in-lever *Available in plated finishes only.* | 3-1/2" 4-1/2" 2-13/16" | N610ET | N650ET | N655ET | N657ET[2] | N659ET |
| | **Princeton PR6** Lever: Die cast zinc Rose: Wrought brass or bronze Cylinder: Key-in-lever *Available in plated finishes only.* | 3-1/2" 4-5/8" 2-13/16" | PR610ET | PR650ET | PR655ET | PR657ET[2] | PR659ET |
| | **Flat Plate F1** Plate: Steel Cylinder: Rim Available in plated and painted finishes. | 3-1/2" 4" | N/A | F150ET[1] | N/A | F157ET[2] | N/A |

Notes:
1. Blank plate with no ANSI function.
2. Not recommended for use with ED8400 or ED8400A Surface Vertical Rod devices.
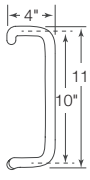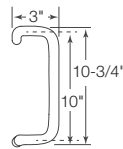
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| Trim Design | | | Trim/Function | | | |
|---|---|---|---|---|---|---|
| | | | Passage | Dummy ANSI No. F02 | Classroom ANSI No. F08 | Nightlatch ANSI No. F03 |
| **Wing Pull P8** Pull: Extruded Cylinder: Rim Available in painted finishes only. | | 3-1/2" 6" 1-1/8" | N/A | P850ET | N/A | P857ET[2] |
| **Offset Pull P2** Pull: Extruded Cylinder: Rim *Available in plated finishes only.* | | 4-13/16" 5-3/4" 2-1/4" | N/A | P250ET | N/A | P257ET[2] |
| **Key Only KO** Cylinder: Rim Note: Available with cylinder option only. Ex: K057 x 6P | | | N/A | N/A | N/A | KO57ET[2] |

2. Not recommended for use with ED8400 or ED8400A Surface Vertical Rod devices.

| Offset Pull Trim: P12, P13, P14* | | |
|---|---|---|
| **Offset Pull P12** Clearance: 2-1/2" | 4" 11" 10" | Specify Part Number, 716F50M x Finish[1] |
| **Offset Pull P13** Clearance: 2-1/2" | 4" 19" 18" | Specify Part Number, 716F51M x Finish[1] |
| **Offset Pull P14** Clearance: 2-1/2" | 3" 10-3/4" 10" | Specify Part Number, 716F52M x Finish[1] |

1. Available in 605, 606, 612, 613, 626, 629 and 630 finishes.
*Available on 1-3/4" thick doors only.

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## Rim Strikes
**(Screws Included)**
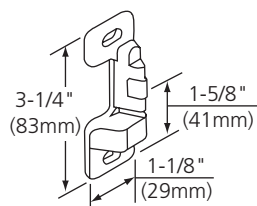
### Rim Strike
Standard on ED8200 and ED8200B devices. To order separately, specify 386F45.

3-1/4" (83mm)  1-5/8" (41mm)  1-1/8" (29mm)
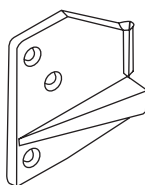
### Rim x Vertical Rod Strike
Required for ED8200 devices when used on pair of doors with ED8400 device. To order with exit device, specify S02. To order separately, specify 468F30 x finish.
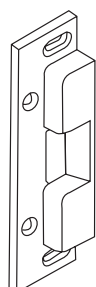
### 3-Hour Fire-Rated Rim Strike
Standard on ED8200A devices. To order separately, specify 518F06.

### Rim Strike Shim
For doors with 1/2" stop, specify M59. To order separately, specify 391F575.

## Vertical Rod Strikes
**(Screws Included)**

### Top Strike
Standard on ED8400 devices. To order separately, specify 446F21.

### Surface Projecting Bottom Strike
Standard on ED8400 devices. To order separately, specify 446F22.

### Flush Bottom Strike
Optional for ED8400 devices only. To order with exit device, specify S03. To order separately, specify 463F92.
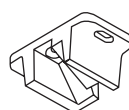
### Fire-Rated Top Strike
Standard on ED8400A devices. To order separately, specify 526F52.
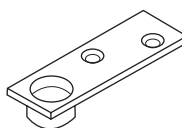
### Fire-Rated Bottom Strike
Standard on ED8400A devices. To order separately, specify 526F53.

## Shim Kits

For ED8200 & ED8200B
Part No. 557F928 622

For ED8200A
Part No. 557F938 622

For ED8400
Part No. 557F948 622

For ED8400A
Part No. 557F958 622

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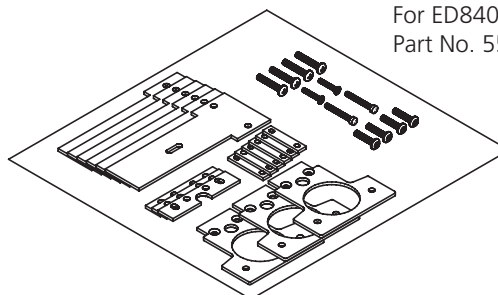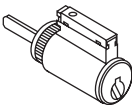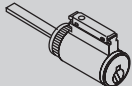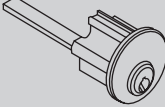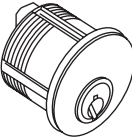
## Cylinders

L4 keyway standard. To order with Exit Device, see Quick Codes, page 15. To order separately, specify Part No. x keyway x Finish (e.g., CR2000-033-7 x L4 x 626).

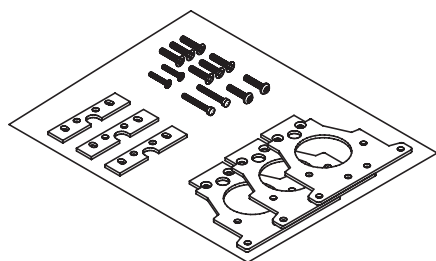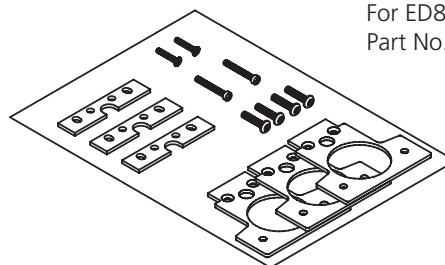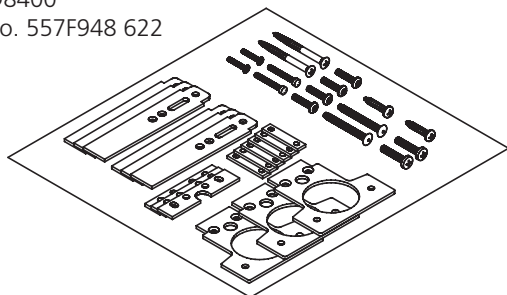| | Cylinder Type | Part No. | Description |
|---|---|---|---|
| Key-in-Lever for A6, N6 and PR6 trim | | CR2000-033<br>CR2000-033-7<br>CR2010-033<br>CR2020-033<br>CR2027-033 | 6-pin<br>7-pin<br>6-pin, Security<br>7-pin, Pyramid High Security<br>7-pin, Pyramid Security |
| Key-in-Knob for G10 trim | | CR2000-033H<br>CR2010-033H<br>CR2020-033H<br>CR2027-033H | 6-pin, horizontal tailpiece<br>6-pin, Security, horizontal tailpiece<br>Pyramid High Security, horizontal tailpiece<br>Pyramid Security, horizontal tailpiece |
| Interchangeable Core Optional for A6, N6, PR6 trim | | CR8000<br>CR8000-7<br>CR8010<br>CR8020<br>CR8027 | 6-pin<br>7-pin<br>6-pin, Security<br>7-pin, Pyramid High Security<br>7-pin, Pyramid Security |
| Rim for all other trim | | CR3000-200<br>CR3000-200-7<br>CR3010-200<br>CR3080-178<br>CR3070-178<br>CR3070-178-7<br>CR3080-178-7<br>CR3090-178<br>CR3020-200<br>CR3027-200<br>CR3030-178<br>CR3037-178<br>CR3040-178<br>CR3040-178-7 | 6-pin<br>7-pin, horizontal tailpiece<br>6-pin, horizontal tailpiece, Security<br>6-pin, interchangeable core (IC)<br>6-pin, IC less core<br>7-pin, IC less core<br>7-pin, IC<br>6-pin, Security IC<br>Pyramid High Security<br>Pyramid Security<br>7-pin Pyramid, IC High Security<br>Pyramid Security IC<br>6-pin, SFIC with Less Core<br>7-pin, SFIC with Less Core |
| CR900 Series Key Removable Mullion Mortise Cylinders | | CR1000-118-A62<br>CR1000-114-A62-7<br>CR1080-114-A62<br>CR1080-112-A62-7<br>CR1020-114-A62<br>CR1027-114-A62<br>CR1030-114-A62<br>CR1037-114-A62<br>CR1010-118-A62<br>CR1090-114-A62<br>CR1070-114-A62<br>CR1070-112-A62-7 | 6-Pin<br>7-Pin<br>6-Pin, IC<br>7-Pin, IC<br>7-pin, Pyramid High Security<br>7-pin, Pyramid Security<br>7-pin, Pyramid High Security IC<br>7-pin, Pyramid Security IC<br>Security<br>Security IC<br>6-pin, IC, less core<br>7-pin, IC, less core |

**CR900 Series Key Removable Mullion Cylinder Collar Packet**

| Mullion Series | Cylinder Length and Type | | | |
|---|---|---|---|---|
| | 1-1/8" | 1-1/4" | 1-1/4" IC | 1-1/2" IC |
| CR907BKM<br>CR908BKM<br>CR910KM | 610F01* | 447F43* | | 609F37* |

*Note: Cylinder collar packets contain a collar and spring washer.*
*\*Specify finish when ordering packets.*
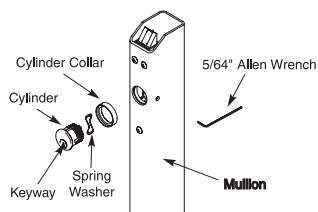
Cylinder Collar
5/64" Allen Wrench
Cylinder
Keyway
Spring Washer
Mullion

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## Compatibility with Competitive Cylinders (N6 and PR6 trims only)

| Competitive Cylinder | Complete Trim | Tailpiece for Optional Cylinders |
|---|---|---|
| Schlage® conventional 21-002, 23-001 or 23-013 | Specify M06 | 682F39-8 Tailpiece |
| Schlage Primus 20-548, 20-550, 20-748 or 20-750 | Specify M06 | 682F39-8 Tailpiece |
| Best® style core, 6 or 7-pin | Specify M08 | 682F958 Tailpiece |
| Sargent® 13-3266 | Specify M09 | 682F96-9 Tailpiece kit and Special Lever |
| Schlage IC Core | Specify M69 | 697F94-2 Tailpiece |
| IC 6-Pin | Specify C6 | 682F918 Tailpiece kit |
| IC 7-Pin | Specify C7 | 682F918 Tailpiece kit |

For Assa and Medeco retrofit cylinders, consult those manufacturers' catalogs.

## CR900 Series Removable Mullions

The CR900 series mullions are used to install two ED8200 Rim Exit Devices in a double door opening. They may be quickly and easily removed, then reinstalled, when a full double door opening is temporarily required. The CR900 series mullions meet ANSI A156.3, Type 22.

### Materials and Finish

Steel mullion with malleable iron top and bottom plates; furnished with zinc plated fasteners for metal frames and concrete floors. May be cut, drilled and tapped in the field for Rim Exit Devices. CR900 series mullions are primed for painting, BHMA 600, red.

## CR900 Series Mullions - How to Order
### Removable Mullions

| UL Fire Rating[1] | Mullion Opening Height[2] | Catalog Number |
|---|---|---|
| Panic Only | Up to 7'0" | CR907 |
| Panic Only | Up to 8'0" | CR908 |
| Panic Only | Up to 10'0" | CR910 |
| 3-Hour | Up to 7'0" | CR907A |
| 3-Hour | Up to 8'0" | CR908A |

### Key Removable Mullions

| UL Fire Rating[1] | Mullion Opening Height[2] | Catalog Number |
|---|---|---|
| 1-1/2 Hour | Up to 7'0" | CR907BKM[3] |
| 1-1/2 Hour | Up to 8'0" | CR908BKM[3] |
| Panic Only | Up to 10'0" | CR910KM[3] |

Notes:
1. UL label on mullion indicates listing.
2. May be field cut for doors.
3. Cylinder and collars not included, specify separately. See Cylinders on page 12.

## CR900 Series Mullions - Options
### M95- Spacer Block

Recommended for double rabbeted frames where the stop face width is less than the mounting hole spacing and also for door frames 5-3/4" (176mm) or less. To order with a mullion, specify M95. To order separately, specify Part No. 683F29-8.

### M96- Angle Bracket

Recommended for any header configuration with less than 3" (76mm) of mounting surface. To order with a mullion, specify M96. To order separately, specify Part No. 655F63-8.

### M57- Mullion Stabilizer Kit

Controls the movement of the mullion. Recommended for opening over 7' high, or whenever door movement must be minimized. To order with mullion, specify M57. To order separately, specify Part No. 653F11-1 x 695 or 628.

**CR900 Mullion**



Top Plate

Bottom Plate

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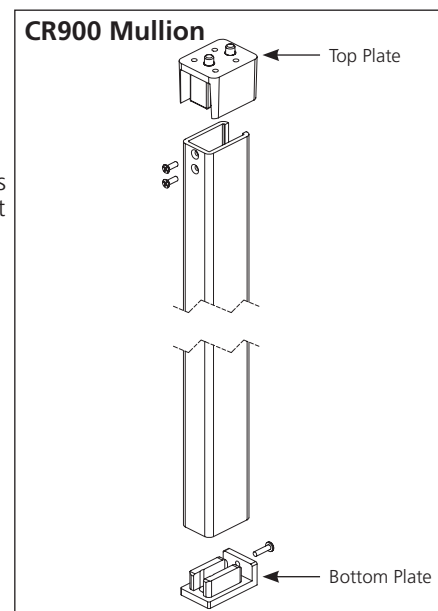
## Ordering Examples

### Rim Exit Device

| Quantity | Exit Device | Finish |
|----------|-------------|--------|
| 20 | ED8200 | 689 |

### Removable Mullion

| Quantity | Mullion |
|----------|---------|
| 6 | CR908A |

## Where to find ordering information and Quick Codes

### Rim Exit Device with Trim

| Quantity | Exit Device | Trim/ Function | Finish | | Hand | Door Thickness | Door Width | Misc. Options |
|----------|-------------|----------------|--------|--------|------|----------------|------------|---------------|
| | | | Trim | Device | | | | |
| 65 | ED8200A | A610ET | 613ET | 690 | LHR | D200 | W048 | M58 |

### Vertical Rod Exit Device with Trim

| Quantity | Exit Device | Trim/ Function | Finish | | Hand | Door Thickness | Optional Strike | Door Width | Door Height | Misc. Options |
|----------|-------------|----------------|--------|--------|------|----------------|-----------------|------------|-------------|---------------|
| | | | Trim | Device | | | | | | |
| 28 | ED8400 | N655ET | 626ET | 689 | RHR | D214 | S03 | W048 | H1000 | M54 |

### Contract/Detailed Order - Rim Exit Device with Trim

| Quantity | Exit Device | Trim/ Function | Finish | | Hand | Door Thickness | Door Width | Misc. Options | Cylinder/ Key Options | Keying | Keyset |
|----------|-------------|----------------|--------|--------|------|----------------|------------|---------------|------------------------|--------|--------|
| | | | Trim | Device | | | | | | | |
| 32 | ED8200 | P857ET | 626ET | 689 | LHR | D200 | W048 | M54 | C6 | VKC3 | AA1 |

### Handing

LHR

RHR

Left Hand Reverse

Right Hand Reverse

**Note: Arrow ( ) indicates secure side of door.**

## Cylinders and Keying

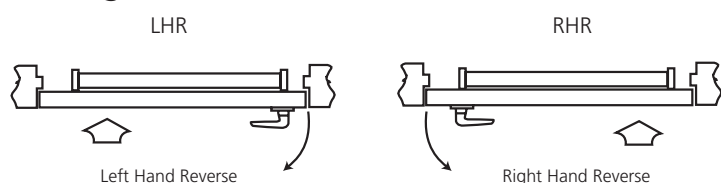| Description | Specify |
|---|---|
| Conventional 6-pin | 6P |
| Conventional 7-pin | 7P |
| IC 6-pin[3] | C6 |
| IC 7-pin[3] | C7 |
| Pyramid High Security fixed core | PHS |
| Pyramid Security fixed core | PS |
| Pyramid High Security IC[3] | PCHS |
| Pyramid Security IC[3] | PCS |
| Security | HS |
| Security IC[3] | CHS |
| IC 6-pin less core[3] | CL6 |
| IC 7-pin less core[3] | CL7 |
| Access 3® Patented Fixed Core | AP |
| Access 3® Security Fixed Core | AS |
| Access 3® High Security Fixed Core | AHS |
| Access 3® Patented IC[3] | ACP |
| Access 3® Security IC[3] | ACS |
| Access 3® High Security IC[3] | ACHS |
| Pyramid IC with temporary construction core[3] | CTP |
| Pyramid IC with temporary disposable core[3] | CTPD |
| Pyramid IC less core[3] | CLP |
| IC 6-pin with temporary construction core (Red)[3] | CT6R |
| IC 6-pin with temporary construction core (Blue)[3] | CT6B |
| IC 6-pin with temporary construction core (Green)[3] | CT6G |
| IC 6-pin with temporary construction core[3] | CT6 |
| IC 6-Pin with temporary disposable core[3] | CT6D |
| SFIC 6-pin with Less Core[3] (Rim Cylinder Only) | CLS6 |
| SFIC 6-pin with SFIC disposable temporary core[3] (Rim Cylinder Only) | CT6SD |
| IC 7-pin with temporary construction core (Red)[3] | CT7R |
| IC 7-pin with temporary construction core (Blue)[3] | CT7B |
| IC 7-pin with temporary construction core (Green)[3] | CT7G |
| IC 7-pin with temporary construction core[3] | CT7 |
| IC 7-Pin with temporary disposable core[3] | CT7D |
| SFIC 7-pin with Less Core[3] (Rim Cylinder Only) | CLS7 |
| SFIC 7-pin with SFIC disposable temporary core[3] (Rim Cylinder Only) | CT7SD |
| 0-Bitted with 2 blank keys | (standard) |
| Keyed random | KR |
| Master Keyed (all cylinders except (8000, 8020, 8027 IC core) | specify keyset |
| Master Keyed Pyramid | specify keyset |

## Cylinders and Keying (cont.)

| Description | Specify |
|---|---|
| Master Keyed Security (including IC cylinder and core) | specify keyset |
| Master Keyed 8000, 8020, 8027 IC core | specify keyset |
| Master Keyed to customer bittings or sample key | specify keyset |
| Construction master keyed[1] | CMK |
| Visual key control (VKC) | |
| - No Stamping | VKC0 |
| - Keys only | VKC1 |
| - Cylinders and Keys[2] | VKC2 |
| - Cylinders only[2] | VKC3 |
| Concealed key control (CKC) | |
| - CKC cylinders with VKC keys | CKC2 |
| - CKC cylinders only[2] | CKC3 |

Notes:
1. CMK construction master keying is not available in Pyramid or Security Series.
2. VKC2, VKC3, CKC3 are not available in Pyramid or Security series.
3. Not available for G10 trim.

## Handing

| Hand | Specify |
|---|---|
| Right Hand Reverse | RHR |
| Left Hand Reverse | LHR |

## Finishes

| Description | | Specify |
|---|---|---|
| US3 | Bright Brass | 605 |
| US4 | Satin Brass | 606 |
| US9 | Bright Bronze | 611 |
| US10 | Satin Bronze | 612 |
| US10B | Dark Oxidized Satin Bronze, oil rubbed | 613 |
| US14 | Bright Nickel Plated | 618 |
| US15 | Satin Nickel Plated | 619 |
| US19 | Flat Black Coated | 622 |
| US26 | Bright Chromium Plated | 625 |
| US26D | Satin Chromium Plated | 626 |
| | Satin Chromium Plated with MicroShield®* | 626C |
| | Silver Aluminum Painted | 689 |
| | Dark Bronze Painted | 690 |
| | Light Bronze Painted | 691 |
| | Black oxidized bronze, oil rubbed | 722 |

*G10, A6, N6 & PR6 trims are available with MicroShield®.

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## Door Thickness

| Door | Specify |
|---|---|
| 1-3/8" (35mm)* | D138 |
| 1-3/4" (44mm) | (standard) |
| 2" (51mm) | D200 |
| 2-1/4" (57mm) | D214 |

*G10, A6, N6, PR6 series trims only.

## Door Width

| Door | Specify |
|---|---|
| 30" (762mm) | W030 |
| 36" (914mm) | (standard) |
| 42" (1067mm) | W042 |
| 48" (1219mm) | W048 |

## Door Height

| Door | Specify |
|---|---|
| 7'6" (2.29m) (ED8400 devices) | (standard) |
| 8'0" (2.44m) (ED8400A devices) | (standard) |
| 10'0" (3.05m) (ED8400 devices only) | H1000 |

## Strike

| Description | Specify |
|---|---|
| Rim | |
|    Rim x vertical rod | S02 |
| Vertical Rod | |
|    Flush bottom (ED8400 devices only) | S03 |

## Miscellaneous Options

| Description | Specify |
|---|---|
| Less cylinder, with tailpiece for Schlage® cylinder | M06 |
| Lever to accept Best® type core (N6 and PR6 trims only) | M08 |
| Lever to accept Sargent® cylinder (N6 and PR6 trims only) | M09 |
| Lever to accept Schlage IC core | M69 |
| Knurling outside only (trim side) | M21 |
| Abrasive coat outside and inside (trim and device) | M23 |
| Abrasive coat inside only (device side) | M24 |
| Abrasive coat outside only (trim side) | M25 |
| Less dogging | M51 |
| Sex nuts and bolts (SNBs)[1] | M54 |
| Mullion stabilizer kit | M57 |
| Shim kit (for vision light) | M58 |
| Shim for 2-3/4" (70mm) backset on doors with 1/2" (13mm) stop (rim devices only) | M59 |

1. Not available with D138 option.

### Abrasive Coat
Hard granular material applied to provide a non-slip tactile surface for the visually impaired.

### Active Door
In a pair of doors, the door that is operable from the trim side.

### Astragal
A vertical member applied to one or both sides of a pair of doors at the meeting edges. The astragal closes the gap between the two doors.

### Coordinator
A device used on a pair of doors to ensure that the inactive door closes before the active door.

### Deadlocking Latch
A supplemental latch that automatically deadlocks the latchbolt when pressure is applied to it.

### Dogging
A mechanism that allows the latchbolt to remain retracted, permitting the door to operate as if it were a push-pull; it cannot be used on fire-rated exit devices.

### Double Egress
A pair of doors of the same hand that swing in opposite directions, commonly found in corridors.

### Dummy Trim
Trim only. Usually used on the inactive door of a pair of doors for design balance.

### Exit Device (Panic Hardware)
A door locking device with a pushpad or crossbar which, when pressed, allows instant exit (egress).

### Fire Exit Hardware
An exit device listed by an independent testing laboratory as meeting panic, fire and hose stream test standards; used on fire-rated openings.

### Hand
The direction a door swings.

### Inactive Door
In a pair of doors, the door that is inoperable from the trim side.

### Latchbolt
A lock component that has a beveled end and projects into a strike, holding the door in a closed position.

### Mullion
A fixed or removable vertical member that divides a door opening and provides a latch surface for a pair of rim exit devices.

### Narrow Stile Door
Usually a door having a stile less than 2-3/4" (70mm) wide, commonly seen on aluminum or glass front applications.

### Shim Kit
Pieces of metal that permit mounting of an exit device on a door that has a surface projecting vision light (glass bead) moulding.

### Split Astragal
An astragal that is split through the middle on a pair of doors, allowing both doors to operate independently.

### Threshold
A strip fastened to the floor beneath a door. It serves as a stop, prevents heat loss, and provides a strike location for latching the bottom rod of a vertical rod exit device.

### Trim
A knob, lever, pull, or thumbpiece used on the outside of an exit device door to control access to an area.

### Universal Exit Device
An exit device that may be used on doors of either hand without any modifications.

### Keying and Cylinder Terms

### Concealed Key Control (CKC)
The marking of standard key symbols on a cylinder in a location which is not visible once the cylinder installed.

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## Suggested Specification

All exit devices shall be ED8000 Series Pushpad Exit Devices as manufactured by Corbin Russwin Architectural Hardware.

The maximum exit device projection shall be 2-1/2" (64mm). The exit device bar shall be constructed of heavy wrought steel. The pushpad shall be constructed of wrought steel; scalped pushpads or pushpads with plastic or Lexan coatings shall not be acceptable. The pushpad shall cover the entire length of the devices. Pushpads which cover less than the entire length of the device shall not be acceptable. Nylon bearings and stainless steel springs shall be used for long life and durability; only torsion springs are acceptable. All device covers shall be of aluminum; plastic or metal stamping shall not be acceptable. Mounting screws shall be concealed to deter tampering. All ferrous parts shall be zinc coated to prevent rusting.

Single point, one quarter turn hex key dogging shall be standard on non-fire-rated devices.

All devices shall be listed by Underwriters Laboratories for safety as panic hardware. Fire rated devices shall be UL/C-UL listed for A label and lesser class doors, 4' x 8' single and 8' x 8' pair. The model number shall be located on the end cap; devices having the model number located other than on the end cap shall not be acceptable.

On trims with cylinders, the locking and unlocking of the trim shall be housed in the trim and not in the active head of the device. Trim shall be throughbolted and fasteners shall be concealed.

All trims shall be furnished in architectural finishes and shall match the trims and finishes on corresponding locksets.

Certification:
ANSI A156.3, Grade 1

All devices, trims and cylinders shall be from one manufacturer.

All devices and trims shall carry a one-year limited warranty.

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