

8000

—



Grade 1 Exit Device

DORMA 8000 SERIES EXIT DEVICES WITH DEADLOCKING LATCH BOLTS

DORMA 8000 Series Exit Devices minimize forced entry while offering a low-cost solution to life safety requirements.

Certification

- Certified/listed to ANSI/BHMA 156.3, Grade 1 for exit devices.
- U.L. and C.U.L. listed under their continuing reinspection programs and conforms to standards U.L. 10C positive pressure testing.
- Complies with NFPA 101 life safety code. Fire rated devices comply with NFPA 80 fire doors and windows.
- Devices, trim, pulls, and levers comply with the Americans for Disabilities Act, 1994, and ANSI 117.1-2003 for accessible and usable buildings and facilities.
- Contributes to U.S. Green Building Council, LEED MR Credits 2.1, 4.1, 4.2, and 5.1.
- Listed with the California Department of Forestry and Fire Protection, Office of the State Fire Marshal.
- Hurricane code approved to Miami-Dade County Florida acceptance No. 06-912.04.

Specifications

All exit devices shall be DORMA 8000 Series rim, surface vertical rod or surface vertical rod "less bottom rod" devices. All device touchbars, rails, and integral parts shall be constructed of solid steel with ABS thermoplastic end caps and covers. Non-labeled units to have hex-key dogging standard. Fire rated versions shall be available for labeled applications. All surface vertical rod devices shall have pullman type latch bolts for the top latch with a round slide bolt bottom latch. All units shall offer trim options ranging from no trim, exit only blank trim, entrance by trim when touchbar is dogged, entrance when latch bolt is retracted by key, and entrance by lever set with a key to lock and unlock lever. Device touchbar, rail, and rods shall be available with a powder coated finish or base material stainless steel.

Optional Specifications

- Non-labeled devices to have cylinder dogging. Mortise cylinder included.
- All surface vertical rod devices to have pullman type bottom latch bolt.
- All surface vertical rod devices to have extended top rod.
- All surface vertical rod devices to be available less bottom rod.
- Devices to have monitor switch in the touchbar to provide local and/or remote notification when the touchbar is depressed.
- Devices to have electric bolt retraction to provide remote access from the secure side of the door. Can also be used in conjunction with an automatic door operator.
- Devices to have latch monitor for monitoring the latch bolt status.
- Devices to have one of the following exit alarm options: battery powered exit alarm, battery powered exit alarm with a four minute reset, or direct wired exit alarm.
- Devices to use a glass lite shim kit to raise the device from the door surface and avoid glass lite molding.
- All labeled wood or composite door devices must use sex bolts.



Exit Device Finishes

NOTE: All Exit Device Finishes are powder coated except 630 (Satin Stainless), which is manufactured from stainless steel base materials. Covers and end caps are black ABS thermoplastic.

Powder Coated Finishes

Aluminum: 689.
Bronze: 691 (Dull) or 695 (Dark Duranodic).
Black: 693.
Gold: 696.
Clear Powder Coating: Specify **P**.

Trim Finishes

NOTE: All trim is powder coated to match exit device, except K and R trims on 689 (Aluminum) or 630 (Satin Stainless) exit devices, which are furnished in 626 (Satin Chrome) or 689 (Aluminum).

Powder Coated Finishes

Aluminum: 689.
Bronze: 691 (Dull) or 695 (Dark Duranodic).
Black: 693.
Chrome: 626 (Satin).
Gold: 696.
Clear Powder Coating: Specify **P**.

Antimicrobial Protected Coating

Specify **AM**.

Warranty

For details, refer to **Limited Warranty Policy** in the current **DORMA Price List**.

DORMA USA quality and environmental management systems in Reamstown, PA and Steeleville, IL are certified to ISO 9001:2008 and ISO 14001:2004.

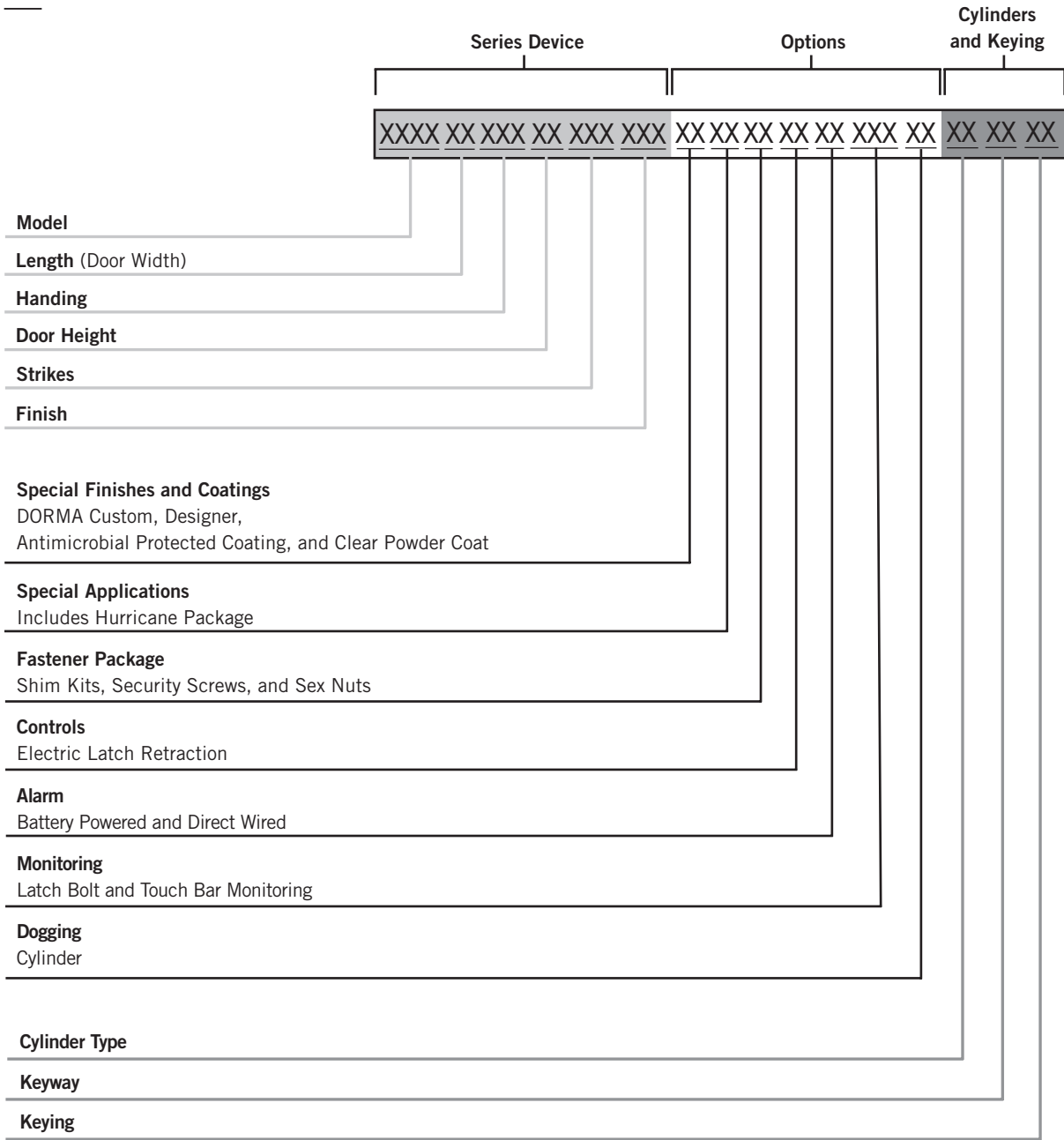


| Options | Features | Model 8300 | Model 8400 |
|---|---|------------|------------|
| (BPA) Battery Powered Exit Alarm | U.L. Listed for Hazard | • | • |
| | U.L. Listed for Labeled Fire Doors (prefix F) | • | • |
| (BPAR) Battery Powered Exit Alarm, (4) minute reset | Size "A" Doors 34" – 48" Wide | • | • |
| | Size "B" Doors 28" – 36" Wide | • | • |
| (DWA) Direct Wired Exit Alarm | Size "C" Doors 22" – 36" Wide | • | • |
| (CD) Cylinder Dogging | Door Height up to 7' | NA | • |
| (ES) Latch Retraction | Door Height up to 8' | NA | ◦ |
| (ETR) Top Rod Extension – vertical rod only | Door Height up to 10' (specify ETR) | NA | ◦ |
| (GK8000) Glass Lite Shim Kit | Door Thickness 1-3/4" to 2-1/4" | • | • |
| (LB) Less Bottom Rod – vertical rod only | Device Non-Handed | • | NA |
| | Device Handed but Field-Reversible | NA | • |
| (LM) Latch Monitor | Rigid Trim (specify suffix R) | • | • |
| (MS) Monitor Switch | Hex Key Dogging (nonfire-rated units only) | • | • |
| (PB) Pullman Bottom Latch – vertical rod only | Cylinder Dogging (nonfire-rated units only) | • | • |
| (SNB) Sex Nuts – specify quantity | Round Bottom Slide Bolt (specify SB) | NA | • |
| | Deadlocking Pullman Type Bottom Latch Bolt (specify PB) | NA | ◦ |
| (R) Rigid Trim | Less Bottom Rod (specify LB) | NA | ◦ |
| (HC) Hurricane Code Rated | Glass Lite Shim Kit (specify GK8000) | • | • |
| | Electric Latch Bolt Retraction (specify ES) | • | • |
| | Monitor Switch in Touchbar (specify MS) | • | • |
| | Latch Monitor (specify LM) | • | • |
| | Exit Alarm (specify BPA, BPAR or DWA) | • | • |
| | Sex Nuts (specify SNB/Quantity) | • | • |
| | Hurricane Code Rated (specify HC) | • | • |

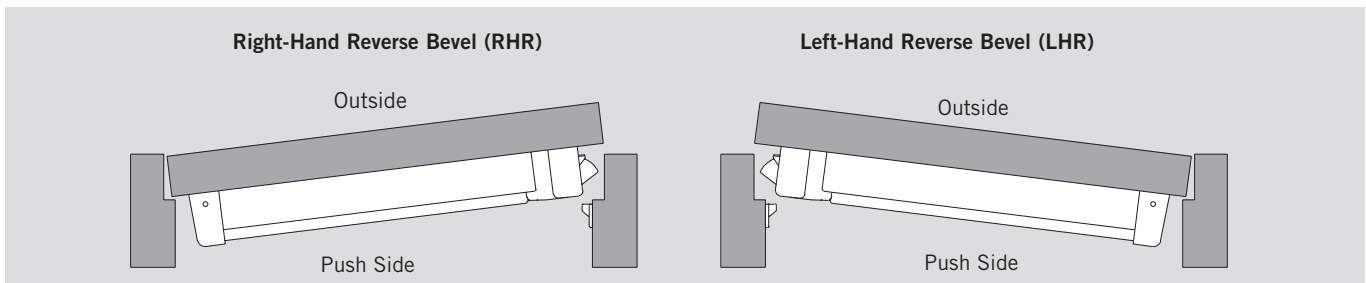
• – Standard Feature ◦ – Optional Feature NA – Not Applicable

| ANSI Function | Function Description | Type 1 Rim Exit Device | Type 2 Surface Vertical Rod Exit Device |
|---------------|---|--|--|
| 01 | Exit Only – No Trim. | 8300 or F8300 | 8400 or F8400 |
| 02 | Entrance by trim when actuating bar is locked down. | 8300 × (trim) 8PDT/8P02/8ODTP R02R/C02R PTS02/PRS02 | 8400 × (trim) 8PDT/8P02/8ODTP R02R/C02R PTS02/PRS02 |
| 03 | Entrance by trim when latch bolt is retracted by key. Key removable only when locked. | 8300 or F8300 × (trim) 8P02/8003/8P03/8003P K03/K03J/R03/R03J/C03/C03J/G03/G03J NPS03/PTS03/PRS03 | 8400 or F8400 × (trim) 8P02/8003/8P03/8003P K03/K03J/R03/R03J/C03/C03J/G03/G03J NPS03/PTS03/PRS03 |
| 04 | Entrance by trim when latch bolt is retracted by key or set in retracted position by key. | CD8300 × (trim) 8P02/8003/8P03/8003P K03/K03J/R03/R03J/C03/C03J/G03/G03J NPS03/PTS03/PRS03 | CD8400 × (trim) P02/8003/8P03/8003P K03/K03J/R03/R03J/C03/C03J/G03/G03J NPS03/PTS03/PRS03 |
| 05 | Entrance by thumbpiece. Key locks or unlocks thumbpiece. | 8300 or F8300 × (trim) HTS05/HRS05 | 8400 or F8400 × (trim) HTT05/HRT05 |
| 06 | Entrance by thumbpiece only when released by key. Key removable only when locked. | 8300 or F8300 × (trim) HTS06/HRS06 | 8400 or F8400 × (trim) HTT06/HRT06 |
| 08 | Entrance by lever or knob. Key locks or unlocks knob or lever. | 8300 or F8300 × (trim) K08/K08J/R08/R08J/C08/C08J/G08/G08J | 8400 or F8400 × (trim) K08/K08J/R08/R08J/C08/C08J/G08/G08J |
| 22 | Entrance by thumbpiece (no cylinder). Trim always active. | 8300 or F8300 × (trim) HTS22/HRS22 | 8400 or F8400 × (trim) HTS22/HRS22 |
| 23 | Entrance by lever or knob (no cylinder). Trim always active. | 8300 or F8300 × (trim) R23/C23/K23/G23 | 8400 or F8400 × (trim) R23/C23/K23/G23 |


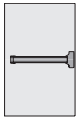

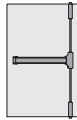

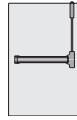

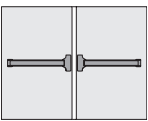

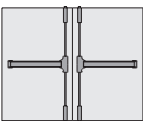
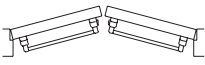

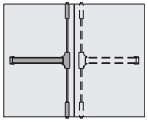
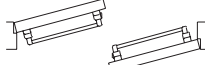

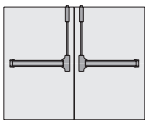

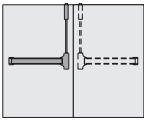

HOW TO ORDER



HANDING



APPLICATIONS & LISTINGS

| Model | Door Material | Max. Door Opening | Door Ratings |  | Applications | |
|---|--|-------------------|-------------------------------|---|--|---|
| Single Doors | | | | | | |
| Rim 8300 | Wood/Steel | 4' x 8' | Devices are panic listed only | | Surface applied (1) point latching |  |
| Rim F8300 | Steel | 4' x 8' | 3 Hour | | | |
| |  Wood | 4' x 8' | 1-1/2 Hour | | | |
| Surface Vertical Rod 8400 | Wood/Steel | 4' x 10' | Devices are panic listed only | | Surface applied (2) point latching |  |
| Surface Vertical Rod F8400 | Steel | 4' x 10' | 3 Hour | | | |
| |  Wood | 4' x 10' | 1-1/2 Hour ³ | | | |
| Surface Vertical Rod (Less Bottom Rod) 8400 LB | Wood/Steel | 4' x 10' | Devices are panic listed only | | Surface applied (1) point latching |  |
| Surface Vertical Rod (Less Bottom Rod) F8400 LB | Steel | 4' x 10' | 3 Hour | | | |
| |  Wood | 4' x 10' | 1-1/2 Hour ³ | | | |
| Pair of Doors with Removable Mullion | | | | | | |
| Rim x Rim 8300 x 8300 | Wood/Steel | 8' x 8' | Devices are panic listed only | | (2) independent active doors with removable mullion |  |
| Rim x Rim F8300 x F8300 | Steel | 8' x 8' | 3 Hour | | (1) point latching | |
| |  Wood | 8' x 8' | 1-1/2 Hour | | | |
| Pair of Doors NOTE: A pair of doors using a Rim x Surface Vertical Rod are panic listed only for an 8' x 8' maximum opening. | | | | | | |
| Surface Vertical Rod 8400 x 8400 | Wood/Steel | 8' x 10' | Devices are panic listed only | | (2) independent doors with (2) point latching |  |
| Surface Vertical Rod F8400 x F8400 | Steel | 8' x 10' | 1-1/2 Hour ² | | | |
| | Wood | 8' x 8' | 1-1/2 Hour | |  | |
| |  Wood | 8' x 10' | 1-1/2 Hour ³ | | (swing same direction) | |
| Surface Vertical Rod 8400 x 8400 | Wood/Steel | 8' x 10' | Devices are panic listed only | | (2) independent doors with (2) point latching |  |
| Surface Vertical Rod F8400 x F8400 | Steel | 8' x 10' | 3 Hour | | | |
| | Wood | 8' x 8' | 1-1/2 Hour | |  | |
| |  Wood | 8' x 10' | 1-1/2 Hour ³ | | (swing opposite direction) | |
| Surface Vertical Rod (Less Bottom Rod) 8400 LB x 8400 LB | Wood/Steel | 8' x 10' | Devices are panic listed only | | (2) independent doors with (1) point latching |  |
| Surface Vertical Rod (Less Bottom Rod) F8400 LB x F8400 LB | Steel | 8' x 10' | 1-1/2 Hour ^{1,2} | | | |
| |  Wood | 8' x 10' | 1-1/2 Hour ^{1,3} | | (swing same direction) | |
| Surface Vertical Rod (Less Bottom Rod) 8400 LB x 8400 LB | Wood/Steel | 8' x 10' | Devices are panic listed only | | (2) independent doors with (1) point latching |  |
| Surface Vertical Rod (Less Bottom Rod) F8400 LB x F8400 LB | Steel | 8' x 10' | 3 Hour ¹ | | | |
| |  Wood | 8' x 10' | 1-1/2 Hour ^{1,3} | | (swing opposite direction) | |

NOTES:

1. Fire rated pairs using **Less Bottom Rod** devices require the supplied door popper. With the absence of bottom

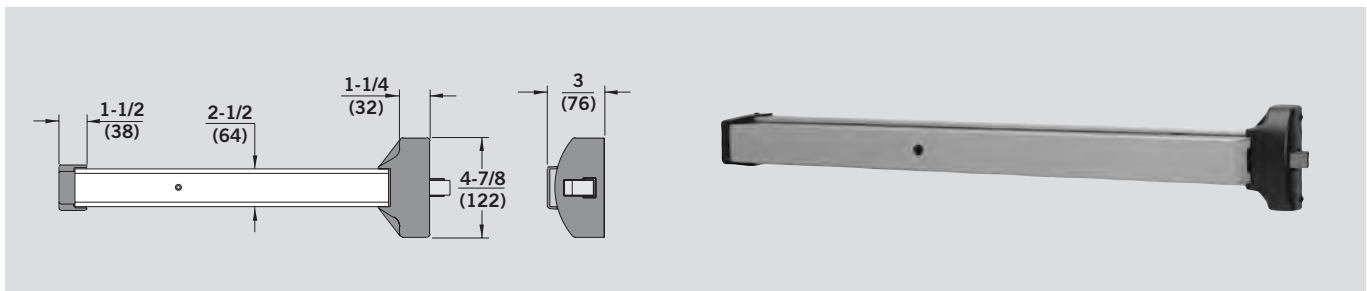
rods, the popper holds the bottoms of the doors together in the event of fire.
2. Pairs of doors swinging in the same direction cannot use two vertical rod

exit devices with an overlapping astragal. Pairs of doors rated greater than 1-1/2 hours require a steel overlapping astragal. Currently, no door

manufacturers offer over 90 min. with doors swinging in the same direction.
3. Consult wood door manufacturers for current U.L. listings.

8300 EXIT DEVICE

| Model Number | Function | Operation | Trim Model Numbers | | | |
|---------------|----------|---|--------------------|--------------|-------------------------|--|
| 8300 F8300 | 01 | Exit Only (no trim) | | | | |
| 8300 F8300 | DT | Dummy Trim | 80DT | NPSDT | | |
| 8300 | 02 | Entrance by trim when actuating bar is locked down. | 8P02 80DTP | 8PDT | PRS02 PRT02 | R02R C02R G02R |
| 8300 F8300 | 03 | Entrance by trim when latch bolt is retracted by key. Key removable only when locked. | 8P02 8003P | 8003 8P03 | NPS03 PRS03 PTS03 | K03 K03J R03 R03J C03 C03J G03 G03J |
| CD8300 | 04 | Entrance by trim when latch bolt is retracted by key or set in a retracted position by key. | 8P02 8003P | 8003 8P03 | NPS03 PRS03 PTS03 | K03 K03J R03 R03J C03 C03J G03 G03J |
| 8300 F8300 | 05 | Entrance by thumbpiece. Key locks or unlocks thumbpiece. | | | HRS05 HTS05 | |
| 8300 F8300 | 06 | Entrance by thumbpiece only when released by key. Key removable only when locked. | | | HRS06 HTS06 | |
| 8300 F8300 | 08 | Entrance by lever or knob. Key locks or unlocks lever or knob. | | | K08 K08J | R08 R08J C08 C08J G08 G08J |
| 8300 | 22 | Entrance by thumbpiece (no cylinder). Trim always active. | | | HRS22 HTS22 | |
| 8300 F8300 | 23 | Entrance by lever or knob (no cylinder). Lever or knob always active. | | | K23 | R23 C23 G23 |

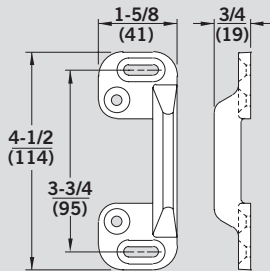


8300 STRIKES & MINIMUM STILE

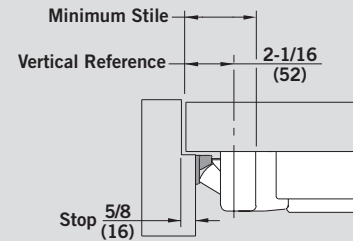
Standard Strike

No.463

Standard strike with 8300 and F8300



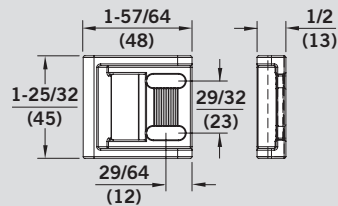
| Trim | *Minimum Stile |
|---------------|----------------|
| No Trim, 8P02 | 4 (102) |
| 8PDT, 8P03 | 4 (102) |
| 8ODT, 8ODTP | 4-1/2 (114) |
| 8003, 8003P | 4-1/2 (114) |
| K, R, C | 4-7/16 (113) |



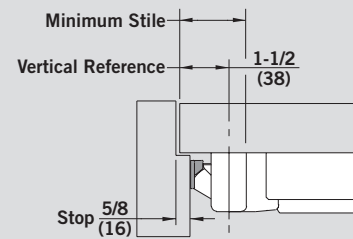
Optional Strikes

No.430

Box strike with 8300

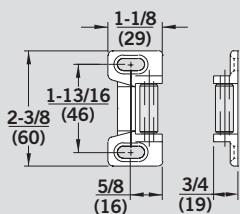


| Trim | *Minimum Stile |
|---------------|----------------|
| No Trim, 8P02 | 3-13/16 (97) |
| 8PDT, 8P03 | 4-1/8 (105) |
| 8ODT, 8ODTP | 4-7/16 (113) |
| 8003, 8003P | 4-7/16 (113) |
| K, R, C | 4-1/4 (108) |

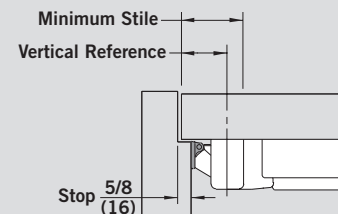


No. 486

Roller strike

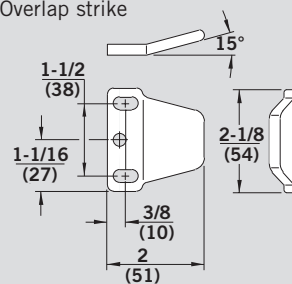


| Trim | *Minimum Stile | Vertical Reference |
|---------------|----------------|--------------------|
| No Trim, 8P02 | 4 (102) | 2-1/16 (52) |
| 8PDT, 8P03 | 4 (102) | 2-1/16 (52) |
| 8ODT, 8ODTP | 4-1/2 (114) | 2-1/16 (52) |
| 8003, 8003P | 4-1/2 (114) | 2-1/16 (52) |
| K, R, C | 4-7/16 (113) | 2-1/16 (52) |



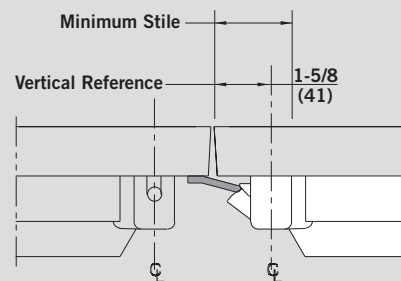
No.320

Overlap strike



























































Not Fire Rated

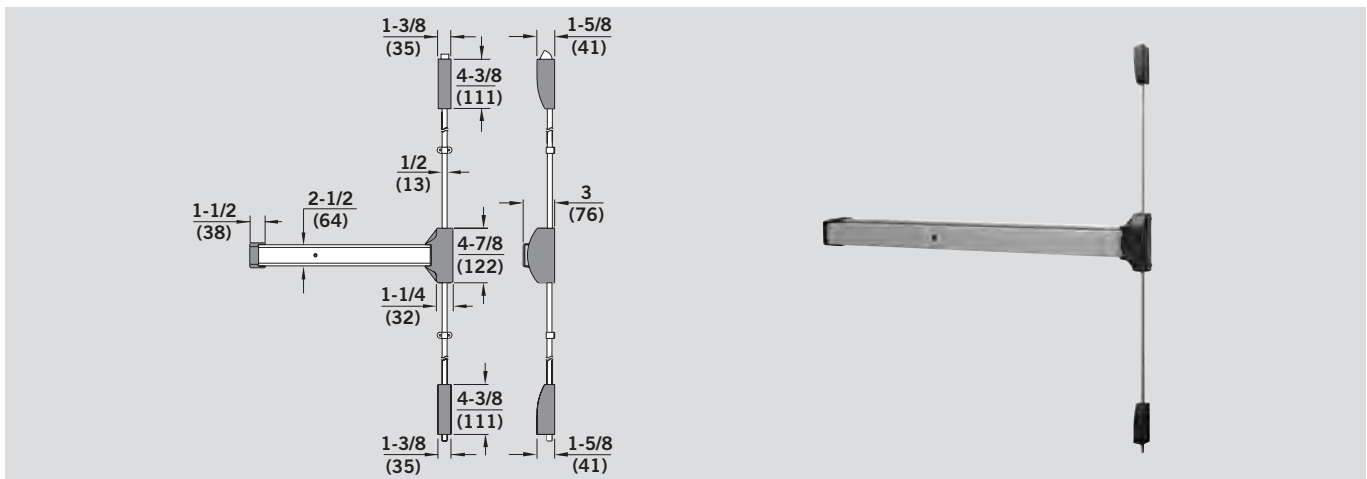
| Trim | *Minimum Stile |
|---------------|----------------|
| No Trim, 8P02 | 4-1/16 (103) |
| 8PDT, 8P03 | 4-1/16 (103) |
| 8ODT, 8ODTP | 4-1/16 (103) |
| 8003, 8003P | 4-1/16 (103) |
| K, R, C | 4 (102) |



*Minimum stile dimensions accommodate standard device touchbar widths shown. For smaller stiles, consult factory for optional touchbar lengths.

8400 EXIT DEVICE

| Model Number | Function | Operation | Trim Model Numbers | | |
|---------------|----------|---|--|--|--|
| 8400 F8400 | 01 | Exit Only (no trim) | | | |
| 8400 F8400 | DT | Dummy Trim | 80DT  | NPSDT  | |
| 8400 | 02 | Entrance by trim when actuating bar is locked down. | 8P02  80DTP  | 8PDT  PRS02  PRT02  | R02R  C02R  G02R  |
| 8400 F8400 | 03 | Entrance by trim when latch bolt is retracted by key. Key removable only when locked. | 8P02  8003P  | 8003  8P03  PRS03  PTS03  | K03  K03J  R03  R03J  C03  C03J  G03  G03J  |
| CD8400 | 04 | Entrance by trim when latch bolt is retracted by key or set in a retracted position by key. | 8P02  8003P  | 8003  8P03  PRS03  PTS03  | K03  K03J  R03  R03J  C03  C03J  G03  G03J  |
| 8400 F8400 | 05 | Entrance by thumbpiece. Key locks or unlocks thumbpiece. | | HRS05  HTS05  | |
| 8400 F8400 | 06 | Entrance by thumbpiece only when released by key. Key removable only when locked. | | HRS06  HTS06  | |
| 8400 F8400 | 08 | Entrance by lever or knob. Key locks or unlocks lever or knob. | | K08  K08J  R08  R08J  C08  C08J  G08  G08J  | |
| 8400 | 22 | Entrance by thumbpiece (no cylinder). Trim always active. | | HRS22  HTS22  | |
| 8400 F8400 | 23 | Entrance by lever or knob (no cylinder). Lever or knob always active. | | K23  R23  C23  G23  | |

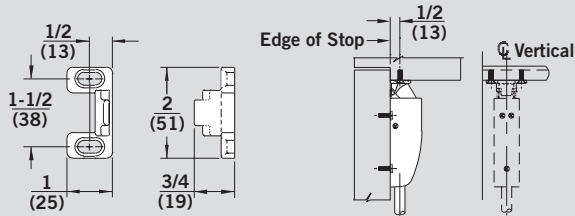


8400 STRIKES & MINIMUM STILE

Standard Strikes

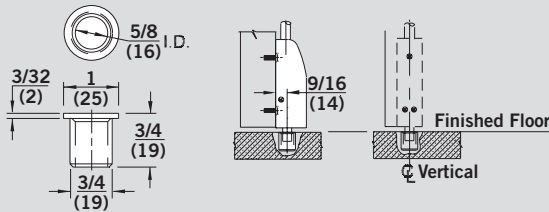
No.426

Top strike 8400, F8400, 8400 LB and F8400 LB



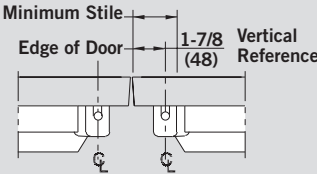
No.439

Bottom strike 8400 and F8400



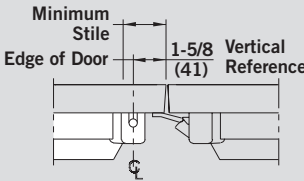
Minimum Stile & Vertical Reference

Vertical Rod x Vertical Rod



| Trim | *Minimum Stile |
|-------------------|----------------|
| No Trim, 8P02 | 3-3/16 (97) |
| 8PDT, 8P03 | 3-3/16 (97) |
| 80DT, 8003, 8003P | 4-5/16 (110) |
| K, R, C | 4-1/4 (108) |

Vertical Rod x Rim



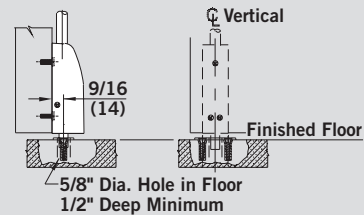
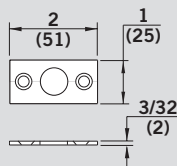
Not Fire Rated

| Trim | *Minimum Stile |
|-------------------|----------------|
| No Trim, 8P02 | 4-1/16 (103) |
| 8PDT, 8P03 | 4-1/16 (103) |
| 80DT, 8003, 8003P | 4-1/16 (103) |
| K, R, C | 4 (102) |

Optional Strikes

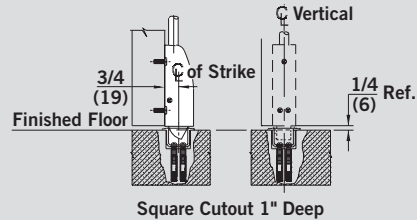
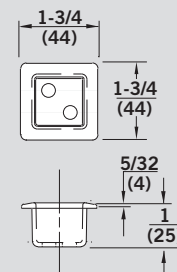
No.340

For bottom slide bolt.



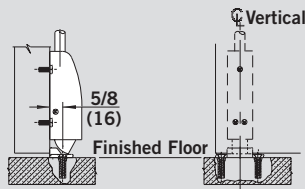
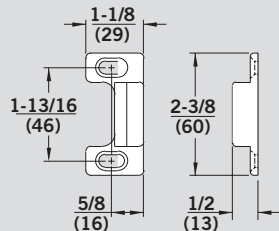
No.431

Used with optional pullman type latch bolt.



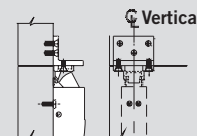
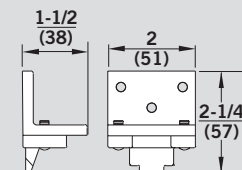
No.416V

Used with optional pullman type latch bolt.



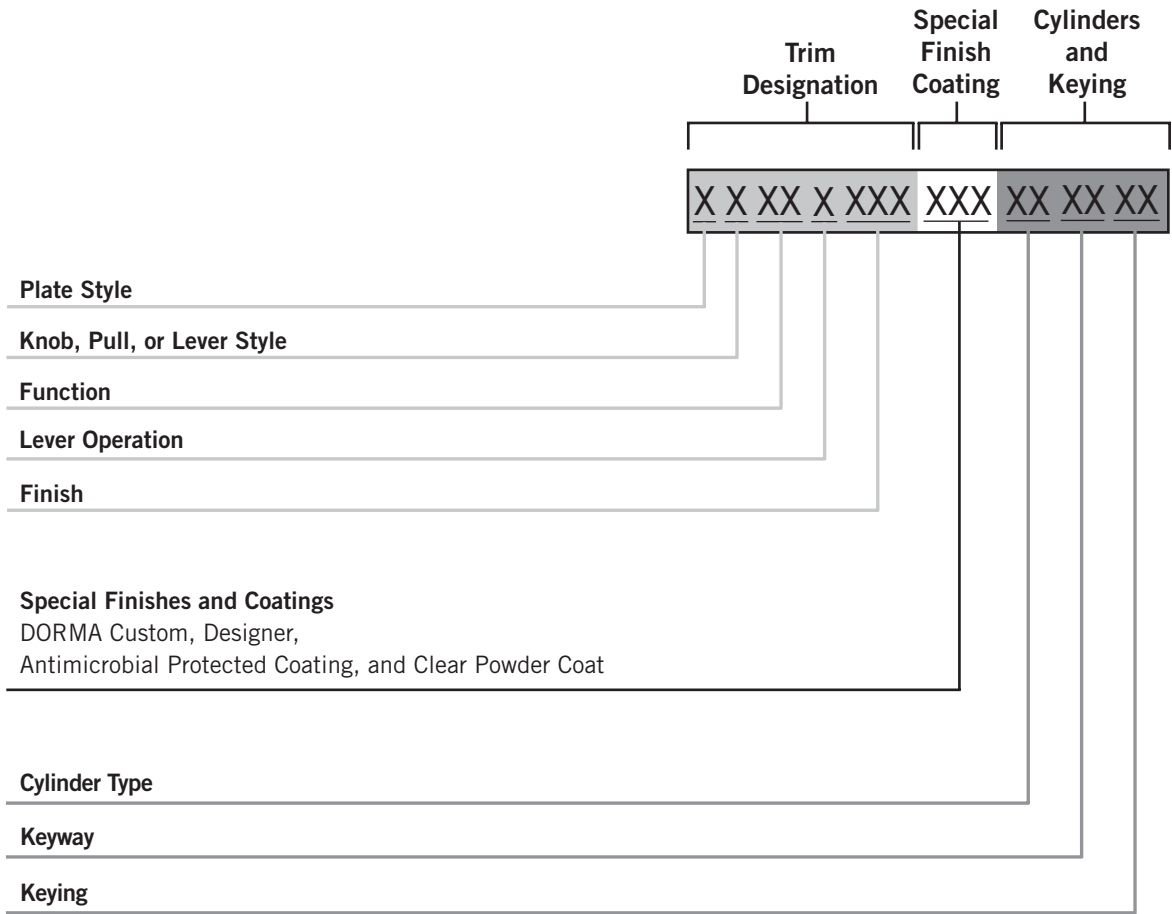
No.426A

For flush door and frame conditions.



*Minimum stile dimensions accommodate standard device touchbar widths shown. For smaller stiles, consult factory for optional touchbar lengths.

HOW TO ORDER TRIM



Patented Key Control
D100 is the keyway for DORMA's patented **SKC** serialized key control system. **SKC** is internet based and provides added layers of security. For more information, contact your local DORMA sales representative or DORMA Technical Service at 800-523-8483.

LEVER AND KNOB STYLES



C



G

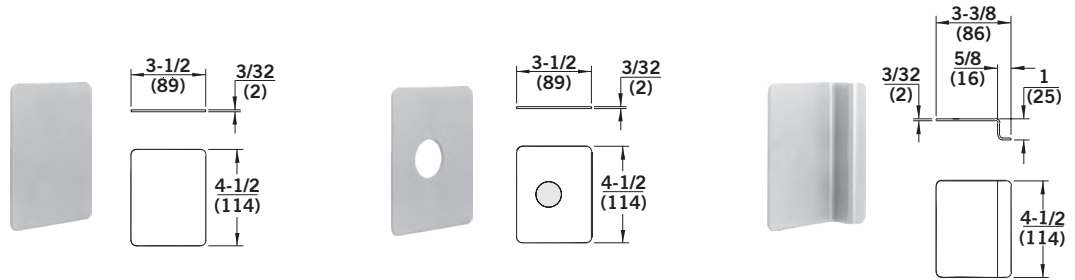


K

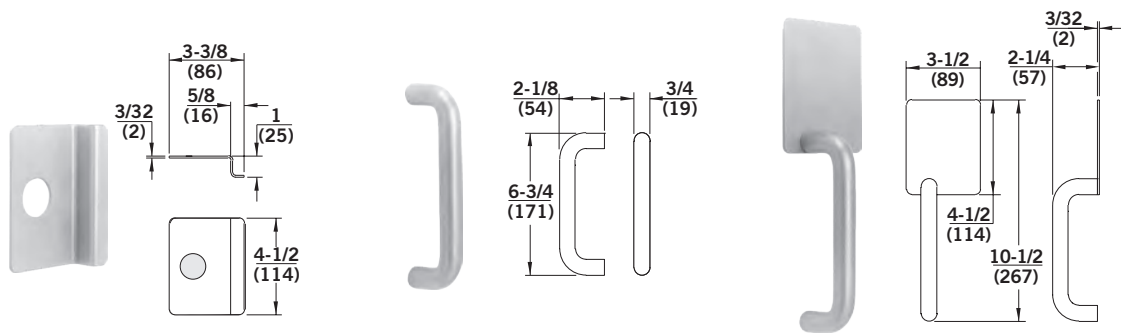


R

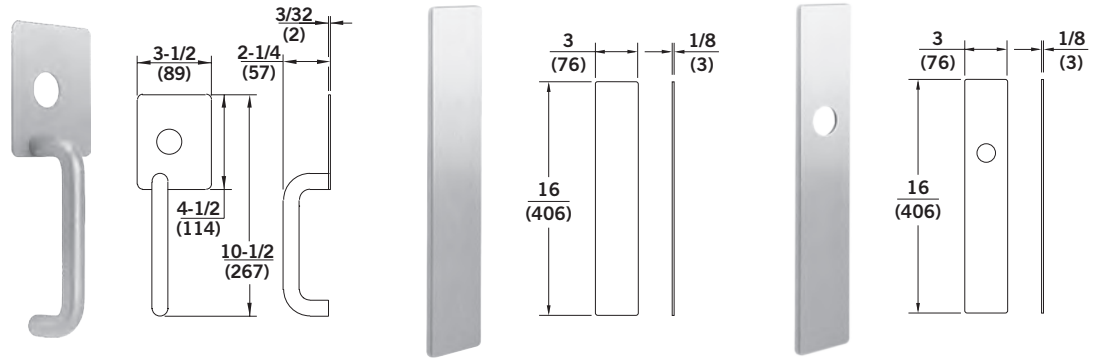
TRIM



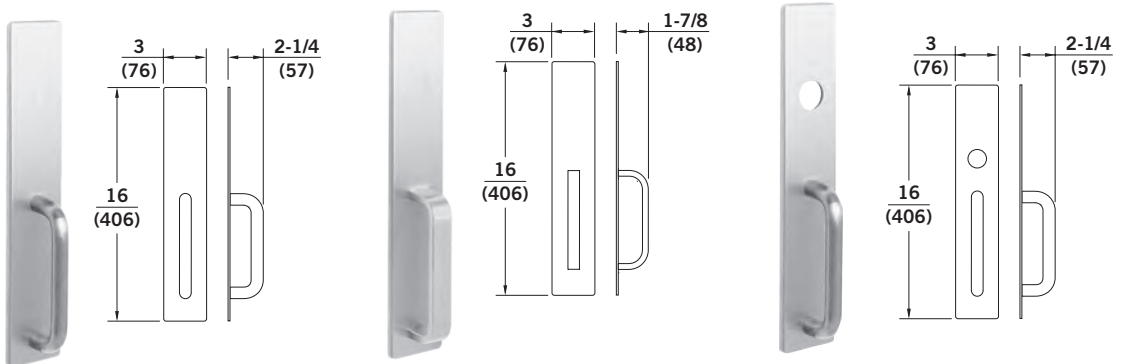
| Trim Descriptions | Flat Plate Dummy Trim | Flat Plate with Cylinder Hole | Offset Pull |
|--------------------------------|-----------------------|-------------------------------|-------------|
| Trim Designation | 80DT | 8003 | 8PDT |
| Handing | — | — | — |
| Function | 02 | 03 or 04 (with CD device) | 02 |
| DORMA Cylinder (default) | — | 80R10SC – Rim | — |
| DORMA Cylinder (optional SFIC) | — | 87R10BA – 7-pin | — |



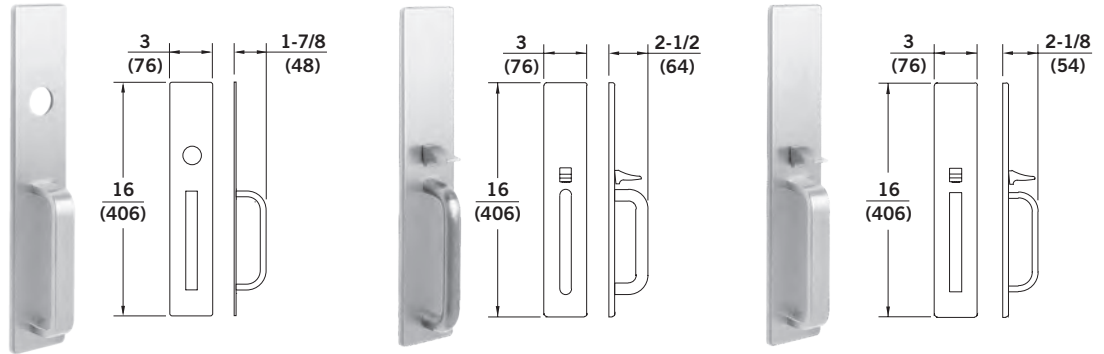
| Trim Descriptions | Offset Pull with Cylinder Hole | Tubular Pull | Flat Plate with Tubular Pull |
|--------------------------------|--------------------------------|-------------------------------|------------------------------|
| Trim Designation | 8P03 | 8P02 | 80DTP |
| Handing | — | — | Specify Hand |
| Function | 03 or 04 (with CD device) | 02, 03 or 04 (with CD device) | 02 |
| DORMA Cylinder (default) | 80R10SC – Rim | — | — |
| DORMA Cylinder (optional SFIC) | 87R10BA – 7-pin | — | — |



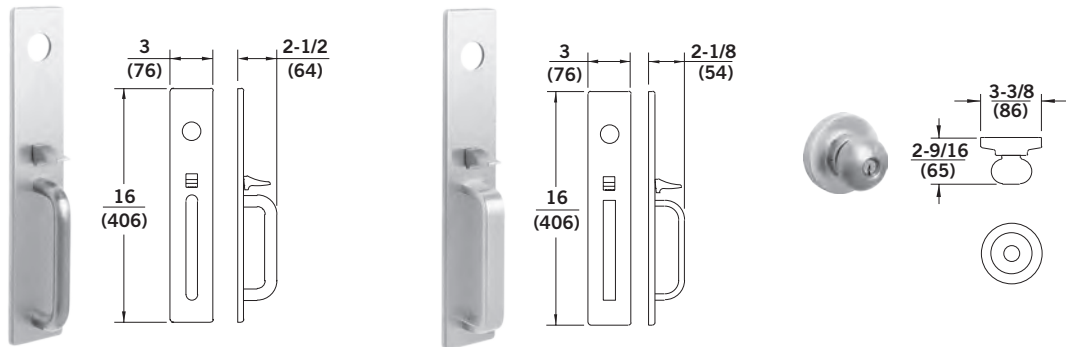
| Trim Descriptions | Flat Plate with Tubular Pull and Cylinder Hole | Wide Flat Plate Dummy Trim | Wide Flat Plate with Cylinder Hole |
|--------------------------------|--|----------------------------|------------------------------------|
| Trim Designation | 8003P | NPSDT | NPS03 |
| Handing | Specify Hand | — | — |
| Function | 03 or 04 (with CD device) | DT | 03 or 04 |
| DORMA Cylinder (default) | 80R10SC – Rim | — | 80R20SC – Rim |
| DORMA Cylinder (optional SFIC) | 87R10BA – 7-pin | — | 87R20BA – 7-pin |



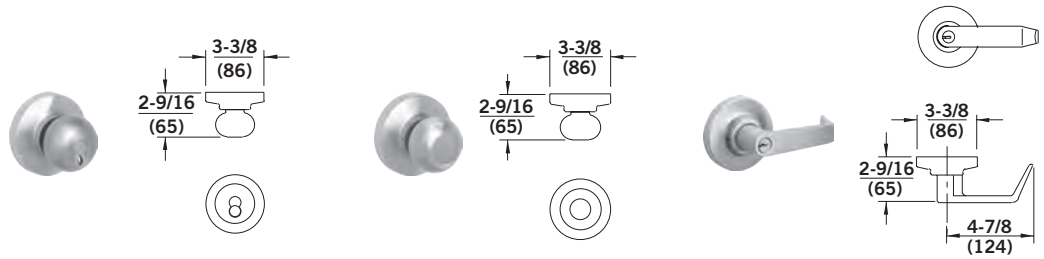
| Trim Descriptions | Wide Flat Plate Tubular Pull | Wide Flat Plate Rectangular Pull | Wide Flat Plate Tubular Pull with Cylinder Hole |
|--------------------------------|------------------------------|----------------------------------|---|
| Trim Designation | PTS02 | PRS02 | PTS03 |
| Handing | — | — | — |
| Function | 02 | 02 | 03 or 04 |
| DORMA Cylinder (default) | — | — | 80R20SC – Rim |
| DORMA Cylinder (optional SFIC) | — | — | 87R20BA – 7-pin |



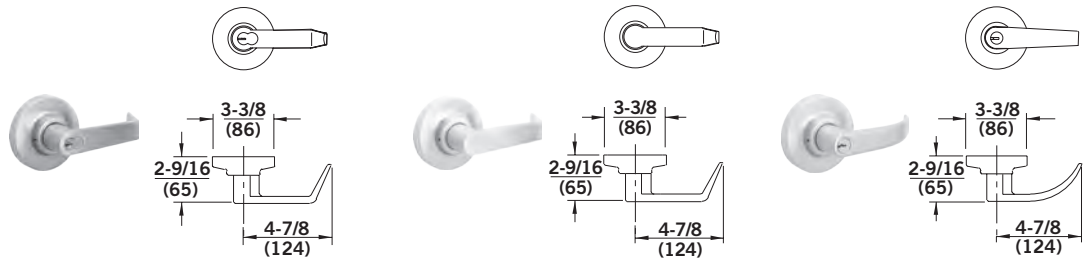
| Trim Descriptions | Wide Flat Plate Rectangular Pull with Cylinder Hole | Wide Flat Plate Tubular Pull with Thumbpiece | Wide Flat Plate Rectangular Pull with Thumbpiece |
|--------------------------------|---|--|--|
| Trim Designation | PRS03 | HTS22 | HRS22 |
| Handing | — | — | — |
| Function | 03 or 04 | 22 | 22 |
| DORMA Cylinder (default) | 80R20SC – Rim | — | — |
| DORMA Cylinder (optional SFIC) | 87R20BA – 7-pin | — | — |



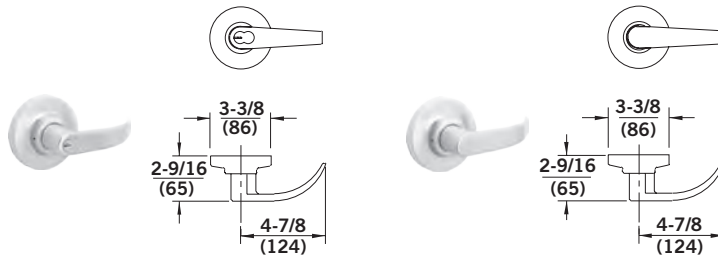
| Trim Descriptions | Wide Flat Plate Tubular Pull with Thumbpiece and Cylinder Hole | Wide Flat Plate Rectangular Pull with Thumbpiece and Cylinder Hole | Key-in Knob |
|--------------------------------|--|--|---|
| Trim Designation | HTS05, HTS06 | HRS05, HRS06 | K03, K08 |
| Handing | — | — | — |
| Function | 05 or 06 | 05 or 06 | 03 or 08 |
| DORMA Cylinder (default) | 90X10SC118 – Mortise | 90X10SC118 – Mortise | Includes DORMA key-in-knob cylinder 7013SC KD |
| DORMA Cylinder (optional SFIC) | 97A10BA138 – 7-pin | 97A10BA138 – 7-pin | — |



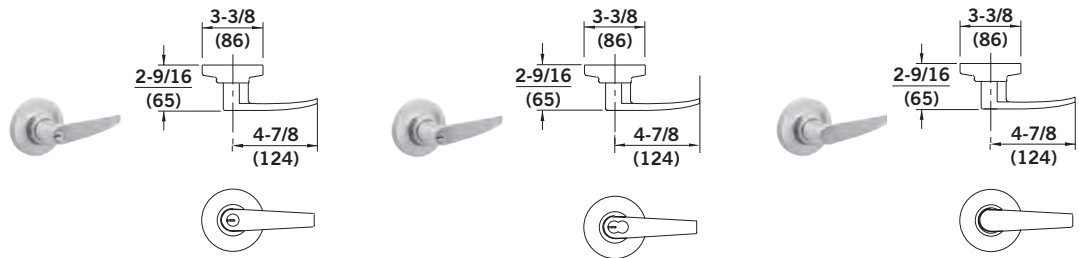
| Trim Descriptions | Key-in Knob Interchangeable Core | Knob | Key-in Rectangular Lever |
|-----------------------------------|-------------------------------------|------|---|
| Trim Designation | K03J, K08J | K23 | R03, R08 |
| Handing | — | — | — |
| Function | 03 or 08 | 23 | 03 or 08 |
| DORMA Cylinder (default) | Accepts SFIC | — | Includes DORMA key-in-lever cylinder 7013SC KD |
| DORMA Cylinder (optional SFIC) | 77BAxxx – 7-pin | — | — |



| Trim Descriptions | Key-in Rectangular Lever Interchangeable Core | Rectangular Lever | Key-in Curved Lever |
|-----------------------------------|--|-------------------|---|
| Trim Designation | R03J, R08J | R02R, R23 | C03, C08 |
| Handing | — | — | — |
| Function | 03 or 08 | 02 or 23 | 03 or 08 |
| DORMA Cylinder (default) | Accepts SFIC | — | Includes DORMA key-in-lever cylinder 7013SC KD |
| DORMA Cylinder (optional SFIC) | 77BAxxx – 7-pin | — | — |



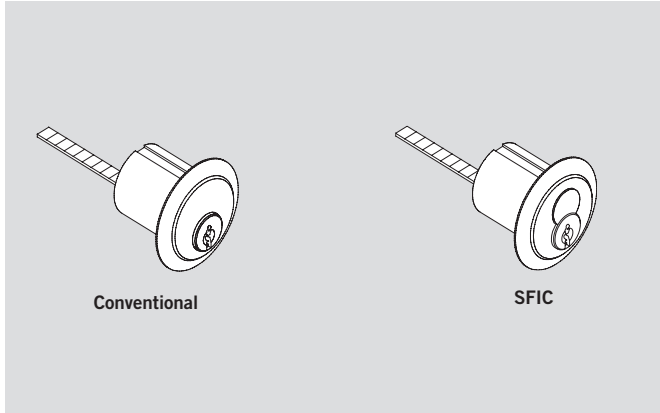
| Trim Descriptions | Key-in Curved Lever Interchangeable Core | Curved Lever |
|-----------------------------------|---|--------------|
| Trim Designation | C03J, C08J | C02R, C23 |
| Handing | — | — |
| Function | 03 or 08 | 02 or 23 |
| DORMA Cylinder (default) | Accepts SFIC | — |
| DORMA Cylinder (optional SFIC) | 77BAxxx – 7-pin | — |



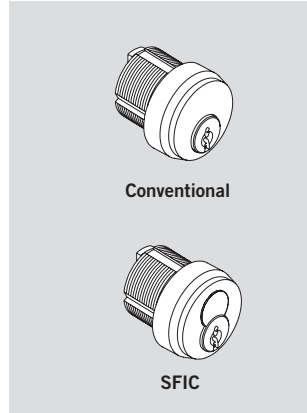
| Trim Descriptions | Key-in Straight Lever | Key-in Straight Lever Interchangeable Core | Straight Lever |
|-----------------------------------|---|---|----------------|
| Trim Designation | G03, G08 | G03J, G08J | G02R, G23 |
| Handing | — | — | — |
| Function | 03 or 08 | 03 or 08 | 02 or 23 |
| DORMA Cylinder (default) | Includes DORMA key-in-lever/ knob cylinder 7013SC KD | Accepts SFIC | — |
| DORMA Cylinder (optional SFIC) | — | 77BAxxx – 7-pin | — |

CYLINDER SPECIFICATIONS

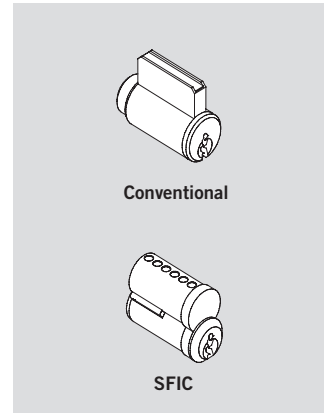
Rim Cylinders



Mortise Cylinders



Key-in-Lever Cylinders



| Application | ANSI Function | Cylinder Type | Conventional (Default) | SFIC 7-Pin |
|---|---------------|---------------|------------------------|------------|
| Cylinders for 8300/F8300 Rim and 8400/F8400 Surface Vertical Rod Devices | | | | |
| Sectional Trim (Key-in-Lever) | 03, 04, 08 | Key-in-lever | 7013SC | 77BA |
| Wide Plate Trim | 03, 04 | Rim | 80R20SC | 87R20BA |
| Wide Plate Trim | 05, 06 | Mortise | 90X10SC118 | 97C10BA138 |
| Pulls | 03, 04 | Rim | 80R20SC | 87R20BA |
| Cylinders for Device Options | | | | |
| CD, BPA, BPAR | | Mortise | 90X10SC118 | 97D10BA138 |
| Cylinders for Mullions | | | | |
| 134OKR Key Removable Mullion | | Mortise | 90X01SC118 | 97D01BA138 |
| 134OSK Mullion Storage Kit | | Mortise | 90X01SC118 | 97D01BA138 |

ACCESSORIES

GK8000 Glass Lite Shim Kit

Kit contains two 1/8" thick shims. Permits shimming of the exit device maximum 1/4" off door face without affecting U.L. listing. Designed to accommodate glass lite installed in door. Furnished bright zinc plated. Optional finishes available, consult factory.

Sex Nuts

The information below serves as a simple reference when specifying DORMA 8000 Series exit devices and trim (two per pack).

| | |
|----------------------|---------|
| 8300/F8300 | 3 packs |
| 8300/F8300 with trim | 1 pack |
| 8400/F8400 | 5 packs |
| 8400/F8400 with trim | 4 packs |

OPTIONAL ELECTRICAL FUNCTIONS

Electric Latch Bolt Retraction – Specify prefix **ES**.

A solenoid concealed in the touchbar assembly provides instantaneous retraction of the latch bolt to allow access from the secure side of the door. Remote control can be accomplished with switching devices such as key switches and card readers that provide a normally open electrical contact. The solenoid is rated for continuous duty, 24 VDC, 5 AMP inrush for 350 milliseconds, .21 AMP holding current.

Requires ES100 power supply and ES105 power transfer.

Monitor Switch – Specify prefix **MS**.

A reed switch in the touchbar assembly which provides local and/or remote notification when the touchbar is depressed. Switch is rated for 3 AMP @ 28 VDC.

Latch Monitor – Specify prefix **LM**.

A microswitch attached to the device chassis on rated and non-rated 8300, 8400 and 8400 LB. Provides local and/or remote notification of movement of the panic device rods and latch bolt without depressing the touchbar. The switch is a single pole, double throw switch, 0.5 AMP @ 28 VDC maximum.

ES100 POWER SUPPLY

The ES100 Power Supply is capable of powering and controlling (2) 8000 Series Panic Devices with the ES Electric Latch Bolt Retraction feature.

- Input: 120 volts
- Input circuit protection: 1.3 AMP fuse
- Output: 24 VDC, 6 AMP surge for 0.5 seconds, .65 AMP continuous, per zone
- Output circuit protection: 3 AMP Push to Reset circuit breaker
- Enclosure: 8" high x 8" wide x 4" deep NEMA 1 Type enclosure for indoor use with hinged cover and knock-outs

ES101 Delay Module

The ES101 optional time delay module for the ES100 Power supply delays the relatching of ES series panic devices and has field-adjustable range between 1 second and 60 minutes.

This is a fail-secure option that allows time to enter a door after using a card reader or key switch, or may be required when ES Series panic devices are used in conjunction with an automatic door operator.

ES103 Relay Module

The ES103 optional relay module is a double pole, double throw relay with screw terminal connections. This coil rating is .025 AMP @ 24 VDC. The contact rating is 2.0 AMP @ 30 VDC.



Relays may be wired in parallel if additional contacts are required. This relay may be required to signal other systems such as an automatic door operator.

BATTERY ALARM EXIT DEVICE

The DORMA 8000 Series exit devices are available with an integral battery powered alarm. The 102 decibel alarm contained in the exit device touchbar and rail assembly activates when the touchbar is depressed and sounds continuously until the device is reset or the battery is completely discharged. Alternatively, a factory-furnished option allows the alarm to sound for four (4) minutes, then automatically rearms.

Furnished with and controlled by a lock cylinder and key, the unit allows ten (10) seconds to exit through the door after arming the alarm, indicated by an intermittently flashing red L.E.D. light in the touchbar. A yellow L.E.D. in the touchbar will flash, until manually reset by key, to indicate an unauthorized exit even if the alarm has automatically reset.

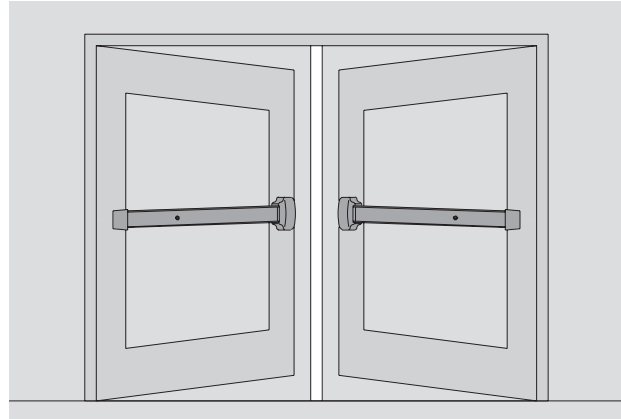
The unit is furnished with a 9 volt, industrial-grade battery concealed in the end cap assembly for easy replacement. A tamperproof switch will activate the alarm if unauthorized removal of the battery is attempted. Option is available for 12 or 24 volt direct power wiring.



- Specify prefix **BPA** to 8000 Series model number for battery alarm device.
- Specify prefix **BPAR** for 4 minute auto reset battery alarm device.
- Specify prefix **DWA** for direct hard-wired option.
- Size **A** device fits 48" wide door and can be cut to fit 34" wide doors.
- Size **B** device fits 36" wide door and can be cut to fit 28" wide doors.
- Size **C** device fits 36" wide door and can be cut to fit 22" wide doors.

MULLIONS

Removable mullions are used with paired doors where a full-width opening is only occasionally required. Doors are fitted with rim exit devices and normally function as single doors. Available in 8' or 10' lengths.



1310 Aluminum Mullion

- Meets demands of heaviest use areas.
- Durable extrusion.
- Supplied with wood/machine screws and anchors.

1310 - 8 – 8' mullion

1310 - 10 – 10' mullion

1310 - 8 x 443 – 8' mullion with recessed strike

1310 - 10 x 443 – 10' mullion with recessed strike

WS1310 - 8 – 8' mullion with weatherstrip

WS1310 - 10 – 10' mullion with weatherstrip

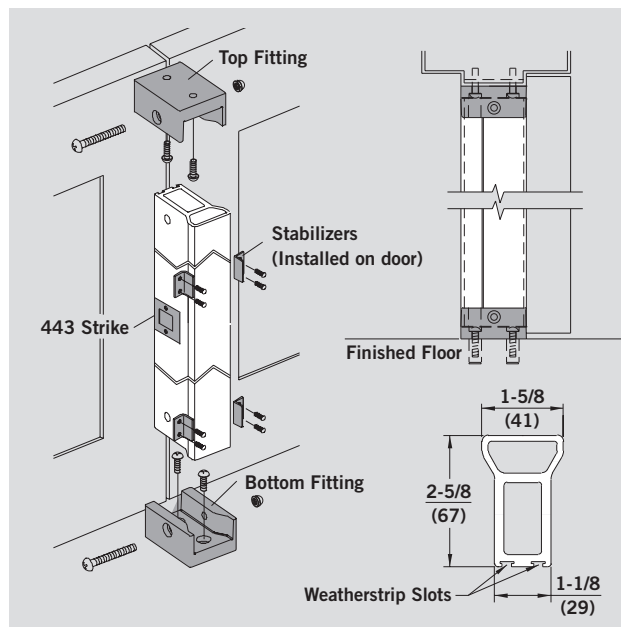
WS1310 - 8 x 443 – 8' mullion with weatherstrip and recessed strikes

WS1310 - 10 x 443 – 10' mullion with weatherstrip and recessed strikes

Finish

Aluminum: 628 (Satin).

Bronze: 695 (Dark).



1330 Steel Mullion

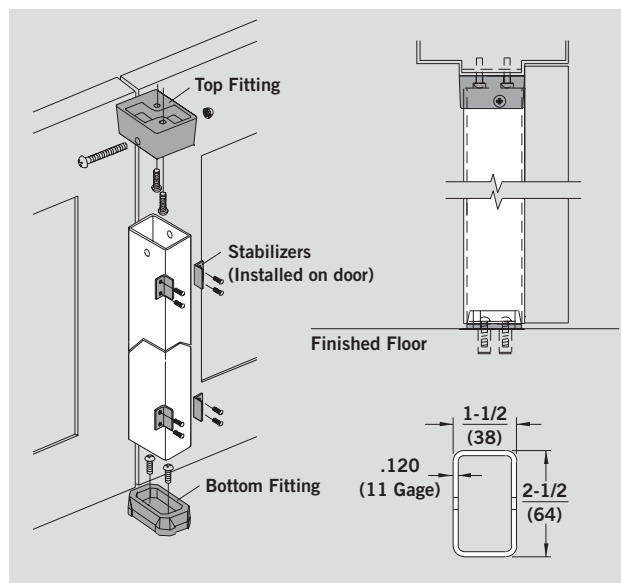
- Ideal for high-abuse areas such as schools.
- Meets demands of heaviest use areas.
- Heavy-gauge, smooth-surface steel construction.
- Attractive tube shape with rounded corners.
- Supplied with wood/machine screws and anchors.

1330 - 8 – 8' mullion

1330 - 10 – 10' mullion

Finish

Prime: 600.



NOTE: When using a mullion, refer to exit device template for minimum stile and vertical reference dimensions.

F1330 Steel Mullion

- For use with U.L. listed fire exit devices.
- Meets demands of heaviest use areas.
- Large top and bottom fittings for extra strength.
- Heavy-duty tube with rounded corners.
- Standard 8' length.
- Supplied with wood/machine screws and anchors.

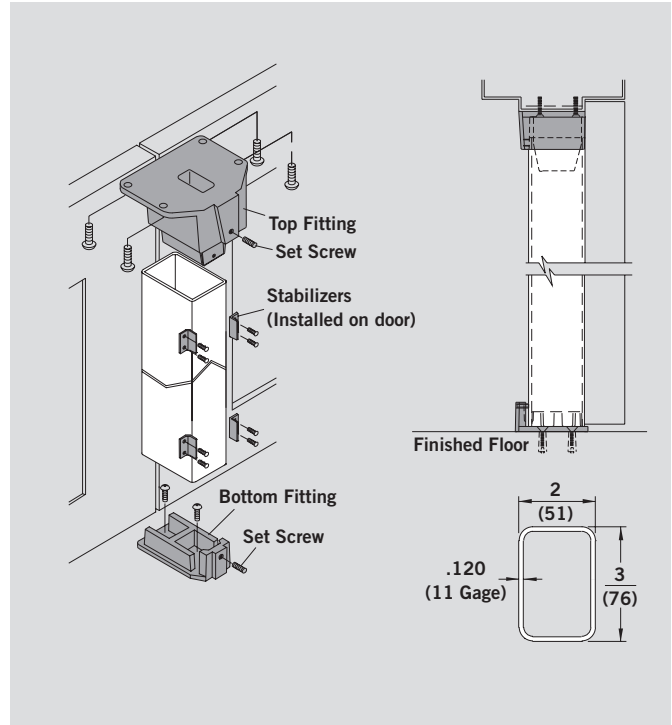
F1300 - 8 – 8' fire-rated mullion

1300 - 8 – 8' non-fire-rated mullion

1300 - 10 – 10' non-fire-rated mullion

Finish

Prime: 600.



F1340KR Key Removable Steel Mullion

- Easily removable with key.
- Keying is standard 1-1/8" mortise cylinder with O1 (AR) cam.
- For use with U.L. listed fire exit devices.
- Meets demands of heaviest use areas.
- Large top and bottom fittings for extra strength.
- Heavy-duty tube with rounded corners.
- Standard 8' length.
- Supplied with wood/machine screws and anchors.

F1340KR - 8 – 8' fire-rated key removable mullion

1340KR - 8 – 8' non-fire-rated key removable mullion

1340KR - 10 – 10' non-fire-rated key removable mullion

Finish

Prime: 600.

Optional DORMA SFIC

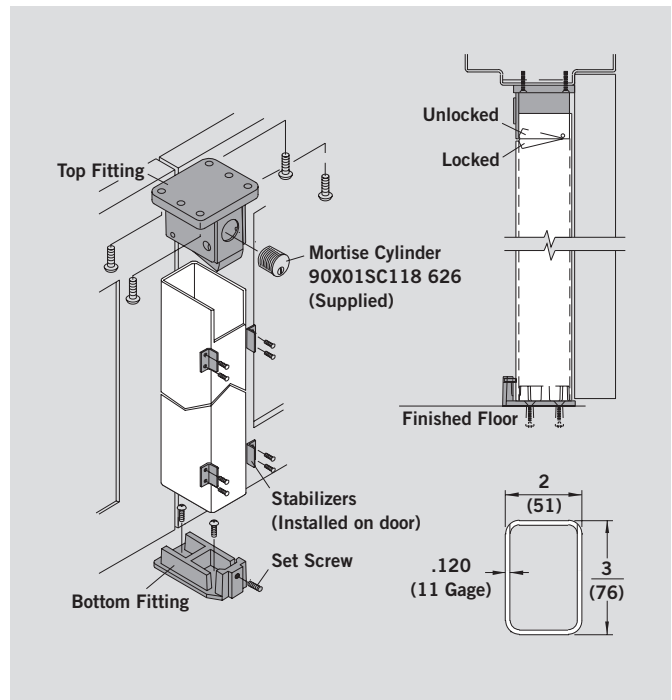
97D01BA138 – 7-pin

1340SK Mullion Storage Kit

- For use with 1340 mullion.
- Locking cylinder can be keyed into master key system.
- Includes conventional default mortise cylinder: 90X01SC118 626.

Optional DORMA SFIC

97D01BA138 – 7-pin





www.dorma.com



DORMA USA, Inc.
Dorma Drive, Drawer AC
Reamstown, PA 17567
Tel: 800 523 8483
Fax: 800 274 9724
archdw@dorma-usa.com

DORMA Canada
1680 Courtney Park Drive, Unit 13
Mississauga, Ontario L5T 1R4
Tel: 800 387 4938
Fax: 905 670 5850
www.dormacanada.com

DORMA Mexico
Calle Sur 110 no. 63, Col. Tolteca
01150 México, D.F.
Tel: 5255 5272 6937
Fax: 5255 5272 6948
operacion@dorma.com.mx