Flush Bolts and Coordinators

Table Of Contents

Flush Bolts
FB31, FB32, FB33 Automatic Flush Bolt .............................................. C2
FB41, FB42 Automatic Flush Bolt ......................................................... C3
FB51, FB52, FB53 Automatic Flush Bolt ............................................... C4
FB61, FB62 Constant Latching Flush Bolt ............................................. C5
261 Manual Flush Bolt ......................................................................... C6
262 Manual Flush Bolt ......................................................................... C6
265 Manual Flush Bolt ......................................................................... C7
FB358 Manual Flush Bolt .................................................................... C8
FB457 Manual Flush Bolt .................................................................... C9
FB458 Manual Flush Bolt .................................................................... C10
DP1, DP2 Dust Proof Strike ................................................................ C11

Coordinators
COR Series Bar Coordinator ................................................................. C12
FL Series Filler bar ............................................................................. C12
MB1, MB2 Mounting Brackets ............................................................. C13
MB1F, MB2F, MB3F Mounting Brackets ............................................. C13
MB1V, MB2V, MB3V Mounting Brackets ............................................. C13
COR7G, CORG Gravity Coordinator .................................................. C14
CB1 Carry Bar ..................................................................................... C14
How to order ....................................................................................... C15
Special factory prep ........................................................................... C16
**FB31P  Top and Bottom Bolts (Pair)**
- Fully Automatic—inactive door is latched, bolts are extended when active door closes, door is unlatched, bolts retract when active door is opened.
- Low Actuation Forces—Top Bolt Has No Spring Tension.
- Fits standard ANSI A115.4 Door Frame Preparations.
- Non-handed.
- Bolt throw is 3/4" with a 7/8" vertical adjustment.
- Bolt backset is 3/4".
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip. Optional rod lengths available for top bolt only on non-fire rated openings—18", 24", 36" and 48.

**FB31T  Top Bolt Only**
**FB31B  Bottom Bolt Only**

**FB32  Top Bolt with Auxiliary Fire Latch**
- FB32 Model with Auxiliary Fire Latch eliminates the bottom bolt and is UL Listed for Fire Doors.

**FB33  Top Bolt with Auxiliary Fire Latch and Retrofit Plate**
- FB33 Model with Auxiliary Fire Latch eliminates the bottom bolt and includes a retrofit plate to cover existing bottom bolt prep. UL Listed for Fire Doors.

---

**Dimensions**

**Body Size:** 1" Wide x 6-3/4" Long x 2" Deep  
**Guide Size:** 1" Wide x 1-27/32" Long x 27/32" High x 3/32" Thick  
**Strike Size:** 15/16" Wide x 2-1/4" Long x 1/16" Thick  
**Rub Plate Size:** 1-1/4" Wide x 1-11/16" Long x 3/32" Thick  
**Auxiliary Fire Latch Size:** 1" Wide x 1-3/4" Long x 3-1/4" Deep  
**Retrofit Plate Size:** 1" Wide x 6-3/4" Long x 3/32" Thick

**Finishes**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BHMA</td>
<td>605</td>
<td>606</td>
<td>612</td>
<td>613</td>
<td>629</td>
<td>630</td>
</tr>
</tbody>
</table>
FB41P  Top and Bottom Bolts (Pair)
- Fully Automatic—inactive door is latched, bolts are extended when active door closes, door is unlatched bolts retract when active door is opened.
- Low Actuation Forces—Top Bolt Has No Spring Tension.
- Non-handed.
- Bolt throw is 3/4" with a 7/8" vertical adjustment.
- Bolt backset is 3/4"

DP1 or DP2 optional dust proof strike available, see page C 11.

FB41T  Top Bolt Only
FB41B  Bottom Bolt Only

FB42  Top Bolt with Auxiliary Fire Latch
- FB42 Model with Auxiliary Fire Latch eliminates the bottom bolt and is UL Listed for Fire Doors.

Dimensions
Body Size: 1" Wide x 8-1/2" Long x 2" Deep
Guide Size: 1" Wide x 6" Long x 1/8" Thick
Strike Size: 15/16" Wide x 2-1/4" Long x 1/16" Thick
Rub Plate Size: 1-1/4" Wide x 1-11/16" Long x 3/64" Thick
Auxiliary Fire Latch Size: 1" Wide x 1-3/4" Long x 3-1/4" Deep

Finishes
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BHMA</td>
<td>605</td>
<td>606</td>
<td>612</td>
<td>613</td>
<td>629</td>
<td>630</td>
</tr>
</tbody>
</table>

Meets ANSI A156.3 Type 25.
UL Listed 90 Minute Fire Doors 8’0” x 8’0”
**FB51P  Top and Bottom Bolts (Pair)**
- Constant Latching—inactive door remains latched until the active door is opened, releasing the automatic bottom bolt and then the top bolt can be manually released. Inactive door will relatch automatically when closed.
- Low Actuation Forces.
- Fits standard ANSI A115.4 Door and Frame Preparations.
- Non-handed.
- 3/4" bolt throw with a 7/8" vertical adjustment.
- 3/4" backset
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip. Optional rod lengths available for top bolt only on non-fire rated openings—18", 24", 36" and 48".

**FB51T  Top Bolt Only**

**FB52  Top Bolt with Auxiliary Fire Latch**
- FB52 Model with Auxiliary Fire Latch eliminates the bottom bolt and is UL Listed for Fire Doors.

**FB53  Top Bolt with Auxiliary Fire Latch & Retrofit Plate**
- FB53 Model with Auxiliary Fire Latch eliminates the bottom bolt and includes a retrofit plate to cover existing bottom bolt prep. UL Listed for Fire Doors.

**Dimensions**
- Body Size: 1" Wide x 6-3/4" Long x 2" Deep
- Guide Size: 1" Wide x 1-27/32" Long x 11/16" High x 3/32" Thick
- Strike Size: 15/16" Wide x 2-1/4" Long x 1/16" Thick
- Rub Plate Size: 1-1/4" Wide x 1-11/16" Long x 3/64" Thick
- Auxiliary Fire Latch Size: 1" Wide x 1-3/4" Long x 3-1/4" Deep
- Retrofit Plate Size: 1" Wide x 6-3/4" Long x 3/32" Thick

**Finishes**
- BHMA: 605, 606, 612, 613, 629, 630

Meets ANSI A156.3 Type 27.
UL Listed 3 Hour Fire Doors 8'0" x 10'0"
**FB61P  Top and Bottom Bolts (Pair)**
- Constant Latching—inactive door remains latched until the active door is opened, releasing the automatic bottom bolt and then the top bolt can be manually released. Inactive door will relatch automatically when door closes.
- Low Actuation Forces.
- Non-handed.
- Bolt throw is 3/4” with a 7/8” vertical adjustment.
- Bolt backset is 3/4”

*DPI or DP2 optional dust proof strike available, see page C11.*

**FB61T  Top Bolt Only**

**FB62  Top Bolt with Auxiliary Fire Latch**
- FB62 Model with Auxiliary Fire Latch eliminates the bottom bolt and is UL Listed for Fire Doors.

---

**Dimensions**
- Body Size: 1" Wide x 8-1/2" Long x 2" Deep
- Guide Size: 1" Wide x 6" Long x 1/8" Thick
- Strike Size: 15/16" Wide x 2-1/4" Long x 1/16" Thick
- Rub Plate Size: 1-1/4" Wide x 1-11/16" Long x 3/64" Thick
- Auxiliary Fire Latch Size: 1" Wide x 1-3/4" Long x 3-1/4" Deep

**Finishes**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BHMA</td>
<td>605</td>
<td>606</td>
<td>612</td>
<td>613</td>
<td>629</td>
<td>630</td>
</tr>
</tbody>
</table>

Meets ANSI A156.3 Type 27.
UL Listed 90 Minute Fire Doors 8’0” x 8’0”
261 Flush Bolt
- An exceptionally smooth working flush bolt with sharp, crisp lines.
- Double action spring design provides automatic holding of brass bolt in projected or retracted position, and assures ease of operation in conjunction with deep cup finger hole.
- Made from polished cast brass.
- Bolt tip is 5/16" Diameter
- Bolt throw is 3/4"
- Bolt backset is 15/32"

Dimensions
Body Size: 3/4" Wide x 4" Long x 1-1/8" Deep
Strike Size: 5/8" Wide x 1-1/2" Long

Finishes
<table>
<thead>
<tr>
<th>Ives Number</th>
<th>B3</th>
<th>B5</th>
<th>B10B</th>
<th>B15</th>
<th>B26</th>
<th>B26D</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHMA</td>
<td>605</td>
<td>609</td>
<td>613</td>
<td>619</td>
<td>625</td>
<td>626</td>
</tr>
</tbody>
</table>

Meets ANSI/BHMA A156.16, L04201.

262 Flush Bolt
- An exceptionally smooth working flush bolt with sharp, crisp lines.
- Double action spring design provides automatic holding of brass bolt in projected or retracted position, and assures ease of operation in conjunction with deep cup finger hole.
- Made from polished cast brass.
- Bolt tip is 1/2" Diameter
- Bolt throw is 1"
- Bolt backset is 15/32"

Dimensions
Body Size: 3/4" W x 6" L x 1-11/32" D
Strike Size: 7/8" W x 1-3/4" L

Finishes
<table>
<thead>
<tr>
<th>Ives Number</th>
<th>B3</th>
<th>B5</th>
<th>B10B</th>
<th>B15</th>
<th>B26</th>
<th>B26D</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHMA</td>
<td>605</td>
<td>609</td>
<td>613</td>
<td>619</td>
<td>625</td>
<td>626</td>
</tr>
</tbody>
</table>
Flush Bolt

- A flush bolt with radiused bottom faceplate designed specifically for simple one-step router installation.
- Double action spring design provides automatic holding of brass bolt in projected or retracted position, and assures ease of operation in conjunction with deep cup finger hole.
- Faceplate is polished solid brass; bolt is made from aluminum zinc alloy.
- Bolt tip is 1/2" Diameter
- Bolt throw is 1"
- Bolt backset is 1/2"

**Dimensions**
Body Size: 3/4" W x 6" L x 1-7/16" D
Strike Size: 7/8" W x 1-3/4" L

**Finishes**

<table>
<thead>
<tr>
<th>Ives Number</th>
<th>B3</th>
<th>B5</th>
<th>B10B</th>
<th>B15</th>
<th>B26</th>
<th>B26D</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHMA</td>
<td>605</td>
<td>609</td>
<td>613</td>
<td>619</td>
<td>625</td>
<td>626</td>
</tr>
</tbody>
</table>

Meets ANSI/BHMA A156.16, L04201.
Ives Architectural hardware products

**Manual Flush Bolts – Wood Doors**

---

**FB358 Top or Bottom Bolts**

- When the active door is opened, the lever can be moved to the ‘up’ position, retracting the bolt and allowing the inactive leaf to be opened. When the inactive leaf is closed, the lever can be moved to the ‘down’ position, projecting the bolt into the strike and securely locking the inactive leaf.
- Reduces installation costs; requires only simple router mortise at top and bottom corners of doors.
- Door strength and rigidity maintained by tying door faces to reinforcing extensions on guide with machine screws and bearing washers, not supplied.
- Non-handed.
- Bolt tip 1/2” diameter
- Bolt throw is 3/4” with a 7/8” vertical adjustment.
- Bolt backset is 3/4”
- Not available for rabbeted door installations.

*DP1 or DP2 optional dust proof strike available, see page C11.*

---

**Dimensions**

- **Body Size:** 1” Wide x 6-3/4” Long x 1-3/8” Deep
- **Guide Size:** 1” Wide x 2-1/2” Long x 5/64” Thick
- **Strike Size:** 15/16” Wide x 2-1/4” Long x 5/64” Thick

**Finishes**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BHMA</td>
<td>605</td>
<td>606</td>
<td>612</td>
<td>613</td>
<td>619</td>
<td>625</td>
<td>626</td>
</tr>
</tbody>
</table>

Meets ANSI/BHMA A156.16, L04261. UL Listed 90 Minute Fire Doors 8’0” x 10’0”
FB457  **Top or Bottom Bolts**

- When the active door is opened, the lever can be moved to the ‘up’ position, retracting the bolt and allowing the inactive leaf to be opened. When the inactive leaf is closed, the lever can be moved to the ‘down’ position, projecting the bolt into the strike and securely locking the inactive leaf.
- Simplified installation in metal frames. Round bolt head requires only a punched hole. Use of strike optional. Special design of guide and flat sided bolt tip to prevent bolt rotation.
- Non-handed.
- Bolt tip is 1/2” Diameter.
- Bolt throw is 3/4” with a 7/8” vertical adjustment.
- Bolt backset is 3/4”
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip. Optional rod lengths available - 6", 9", 18" and 24" for fire rated doors. Optional rod lengths available - 6", 9", 18", 24", 30", 36" and 48" for non-fire rated doors.
- DP1 or DP2 optional dust proof strike available, see page C11.

**Dimensions**

Body Size: 1-1/4” Wide x 6-3/4” Long x 1-1/8” Deep
Guide Size: 1” Wide x 2” Long x 5/64” Thick
Strike Size: 15/16” Wide x 2-1/4” Long x 5/64” Thick

**Finishes**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BHMA</td>
<td>605</td>
<td>606</td>
<td>612</td>
<td>613</td>
<td>619</td>
<td>625</td>
<td>626</td>
</tr>
</tbody>
</table>

Meets ANSI/BHMA A156.16, LO4251.
UL Listed 3 Hour Fire Doors 8’0” x 10’0”
FB458  Top or Bottom Bolts

- When the active door is opened, the lever can be moved to the ‘up’ position, retracting the bolt and allowing the inactive leaf to be opened. When the inactive leaf is closed, the lever can be moved to the ‘down’ position, projecting the bolt into the strike and securely locking the inactive leaf.
- Simplified installation in metal frames. Round bolt head requires only a punched hole. Use of strike optional. Special design of guide and flat sided bolt tip to prevent bolt rotation.
- Non-handed.
- Bolt tip is 1/2" diameter.
- Bolt throw is 3/4" with a 7/8" vertical adjustment.
- Bolt backset is 3/4".
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip. Optional Rod Lengths available - 6", 9", 18" and 24" for fire rated Doors. Optional Rod lengths available - 6", 9", 18", 24", 30", 36" and 48" for non-fire rated doors.

Dimensions

Body Size: 1" Wide x 6 3/4" Long x 1-1/8" Deep
Guide Size: 1" Wide x 2" Long x 5/64" Thick
Strike Size: 15/16" Wide x 2-1/4" Long x 5/64" Thick

Finishes

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BHMA</td>
<td>605</td>
<td>606</td>
<td>609</td>
<td>612</td>
<td>613</td>
<td>619</td>
<td>625</td>
<td>626</td>
</tr>
</tbody>
</table>

Meets ANSI/BHMA A156.16, L04251.
UL Listed 90 Minute Fire Doors 8’0” x 10’0”
Dust Proof Strikes

DP1

Dust Proof Strikes

- Designed for use with the bottom bolt of all flush bolts.
- Spring-loaded plunger returns to floor or threshold level anytime flush bolt is retracted, eliminating need to clean standard floor strikes.
- Strike hole is 3/4" Diameter and 1-1/8" Deep

Dimensions
DP1 Face Plate: 1-7/16" Diameter
DP2 Face Plate: 1-5/8" W x 3-1/2" L x 1/8" Thick
Body: 1-3/16" Diameter x 1-7/8" Deep

Finishes

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BHMA</td>
<td>605</td>
<td>606</td>
<td>612</td>
<td>613</td>
<td>625</td>
<td>626</td>
</tr>
</tbody>
</table>

Meets ANSI/BHMA 156.16, L14011.
Ives Architectural hardware products

Coordinators –
Bar Coordinators and Filler Bars

Meets ANSI/BHMA A156.3, Type 21A.
UL Listed for installation on labeled frame.

**COR Series Bar Coordinators**
- The COR Series Coordinators are designed for use on pairs of doors when one door needs to close before the other.
- All COR units function easily. The active door lever, located nearest to the active stop, holds the active door open until the trigger mechanism is released by the closing of the inactive leaf.
- All COR units may not function correctly with swingclear hinges.
- All COR units are equipped with an adjustable override feature which allows the active door to close under extreme pressure.
- All COR units are compatible with Flush Bolts.
- The COR Series is available in five sizes for variable door opening widths.
- The COR Series does not cover the entire length of the stop, so a FL filler bar can be provided to maintain architecturally clean lines.
- COR Series Coordinator Channels and FL fillers are made of aluminum.
- Optional Filler Bars: FL20 - 20", FL32 - 32" and FL44 - 44", available to maintain clean line.
- Optional Mounting Brackets available: MB1, MB2, MB1F, MB2F, MB3F, MB1V, MB2V, and MB3V for other stop applied hardware.

**For Openings Where Doors Are Same Size**

<table>
<thead>
<tr>
<th>Coordinator Number</th>
<th>Length of Channel</th>
<th>For Opening Widths</th>
<th>Common Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>COR32</td>
<td>32&quot;</td>
<td>34&quot; - 52&quot;</td>
<td>Pair of 2'0&quot; Doors</td>
</tr>
<tr>
<td>COR42</td>
<td>42&quot;</td>
<td>52&quot; - 72&quot;</td>
<td>Pair of 2'6&quot; Doors</td>
</tr>
<tr>
<td>COR52</td>
<td>52&quot;</td>
<td>62&quot; - 92&quot;</td>
<td>Pair of 3'0&quot; Doors</td>
</tr>
<tr>
<td>COR60</td>
<td>60&quot;</td>
<td>70&quot; - 108&quot;</td>
<td>Pair of 3'6&quot; Doors</td>
</tr>
<tr>
<td>COR72</td>
<td>72&quot;</td>
<td>84&quot; - 132&quot;</td>
<td>Pair of 4'0&quot; Doors</td>
</tr>
</tbody>
</table>

**For Openings Where Doors Are Unequal Size**

The coordinator length should equal the active door width plus approximately 1/2 the inactive door width. The coordinator must be 6" longer than the active door width and shorter than the overall frame opening between stops.

**FL Series Filler Bars**
- The FL Filler Bars are available in three sizes for variable frame openings.
- FL Filler Bars are made of aluminum
- FL Filler Bars are field sized to frame opening.

<table>
<thead>
<tr>
<th>Filler Bar Number</th>
<th>Length</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL20</td>
<td>20&quot;</td>
<td>1-5/8&quot; W x 5/8&quot; D x 20&quot; L</td>
</tr>
<tr>
<td>FL32</td>
<td>32&quot;</td>
<td>1-5/8&quot; W x 5/8&quot; D x 32&quot; L</td>
</tr>
<tr>
<td>FL44</td>
<td>44&quot;</td>
<td>1-5/8&quot; W x 5/8&quot; D x 44&quot; L</td>
</tr>
</tbody>
</table>

**Finishes**

<table>
<thead>
<tr>
<th>Type</th>
<th>Ives Finish</th>
<th>BHMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>US28</td>
<td>628</td>
<td>628</td>
</tr>
<tr>
<td>US26D</td>
<td>713</td>
<td>713</td>
</tr>
<tr>
<td>315AN</td>
<td>711</td>
<td>711</td>
</tr>
</tbody>
</table>
**Mounting Brackets**

- Allows stop mounted hardware to be properly installed without damaging the COR coordinator, such as a parallel arm closer or a non-fire-rated surface vertical rod strike.
- Stop mounted hardware will need to be lowered to compensate for the height of the coordinator and mounting bracket.
- MB mounting brackets are made of aluminum

<table>
<thead>
<tr>
<th>Product</th>
<th>Jamb Depth</th>
<th>Stop Width</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB1</td>
<td>4-3/4&quot; Min.</td>
<td>Over 2-1/2&quot;</td>
<td>4&quot; W x 3&quot; D x 15/16&quot; T</td>
</tr>
<tr>
<td>MB2</td>
<td>4-3/4&quot; Min.</td>
<td>Up to 2-1/2&quot;</td>
<td>4&quot; W x 3-1/4&quot; D x 1-5/8&quot; T</td>
</tr>
</tbody>
</table>

**Finished**

<table>
<thead>
<tr>
<th>Ives Finish</th>
<th>BHMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP SP28 SPBLK</td>
<td>600 689 622</td>
</tr>
</tbody>
</table>

**Fire Rated Mounting Brackets**

- Allows for fire-rated stop mounted hardware to be properly installed without damaging the COR Coordinators, such as fire-rated surface vertical rod exit device strikes.
- Latch will need to be lowered to compensate for the height of the coordinator and mounting bracket.
- MB-V are designed for Von Duprin 8827-F soffit latch.
- Mounting brackets are made of steel.

<table>
<thead>
<tr>
<th>Product</th>
<th>Jamb Depth</th>
<th>Stop Width</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB1F</td>
<td>5&quot;</td>
<td>1-1/2&quot; - 2-1/4&quot;</td>
<td>4&quot; W x 3&quot; D x 1-5/8&quot; T</td>
</tr>
<tr>
<td>MB1V</td>
<td>5&quot;</td>
<td>1-1/2&quot; - 2-1/4&quot;</td>
<td>4&quot; W x 3&quot; D x 1-5/8&quot; T</td>
</tr>
<tr>
<td>MB2F</td>
<td>5-7/8&quot;</td>
<td>2-3/8&quot; - 3-1/4&quot;</td>
<td>4&quot; W x 4&quot; D x 1-5/8&quot; T</td>
</tr>
<tr>
<td>MB2V</td>
<td>5-7/8&quot;</td>
<td>2-3/8&quot; - 3-1/4&quot;</td>
<td>4&quot; W x 4&quot; D x 1-5/8&quot; T</td>
</tr>
<tr>
<td>MB3F</td>
<td>6-7/8&quot;</td>
<td>Over 3-3/8&quot;</td>
<td>4&quot; W x 3-1/2&quot; D x 1&quot; T</td>
</tr>
<tr>
<td>MB3V</td>
<td>6-7/8&quot;</td>
<td>Over 3-3/8&quot;</td>
<td>4&quot; W x 3-1/2&quot; D x 1&quot; T</td>
</tr>
</tbody>
</table>

**Finished**

<table>
<thead>
<tr>
<th>Ives Finish</th>
<th>BHMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>USP SP28 SPBLK</td>
<td>600 689 622</td>
</tr>
</tbody>
</table>
Gravity Coordinators

- When active door is open, coordinator prevents active door from closing until inactive door bypasses. Closing of inactive door causes strike plate on top of door to contact cam and lift arm, allowing active door to close. As inactive door continues closing, roller rides over strike plate on to door bracket, holding arm above active door.
- Non-handed.
- Gravity action arm and door bracket are adjustable on the job for ease of installation. Rubber roller provides quiet and efficient operation, and helps protect the astragal and doors from damage.
- Nylon roller on short arm glides smoothly over door bracket and strike, ensuring silent operation.
- Made of forged brass.
- COR7G for use on pairs of doors with astragal on active door up to 4' or with astragal on inactive door up to 3'4" or with astragal on both doors up to 2'10"
- COR9G for use on pairs of doors with astragal on active over 4' or with astragal on inactive door over 3'4" or with astragal on both doors over 2'10"

Product Projection

<table>
<thead>
<tr>
<th>Product</th>
<th>Projection</th>
</tr>
</thead>
<tbody>
<tr>
<td>COR7G</td>
<td>7&quot;</td>
</tr>
<tr>
<td>COR9G</td>
<td>9&quot;</td>
</tr>
</tbody>
</table>

Finishes

|-------------|-----|-----|------|-------|------|-------|-------|-----|-----|-----|-----|-----|-----|

CB1 Carry Bar

- Used when it is possible for the inactive door to be opened before the active door.
- Prevents damage to the doors and other hardware.
- Nylon roller insures quiet and efficient operation.
- Non-handed.
- All-steel construction.
- Standard sex bolts for mounting.

Finishes

|-------------|-----|-----|------|-------|------|-------|-------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
How to Order COR and Accessories

<table>
<thead>
<tr>
<th>COR</th>
<th>US28</th>
<th>FL20</th>
<th>D</th>
<th>36&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>52</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COR Size:**
- 32, 42, 52, 60, 72

**Finishes:**
- US28, US26D, 315AN

**Filler Bar (if desired):**
- FL20, FL32, FL44

**Vertical Rod Exit Device Cutout Type (if applicable):**
- A, B, C, D, E, F, G

If other Vertical Rod Exit Device not listed on chart, from page C16, include information as shown on page C16.

**Active Door Size** – Required for ALL Vertical Rod Exit Device Applications

**To determine the size COR you need:**
1. Start with the active door width (X).
2. Next consider the overall frame opening between stops (F).
3. Preferably, the coordinator would equal the active door width (X) + approximately 1/2 inactive door width (Y).
   The coordinator must be 6" longer than the active door width (X) and less than the overall frame opening between stop (F).

**Examples:**
- Pair of 30" Doors, 5/8" Stops
  Active Door Size, X = 30"  
  Overall Frame Opening between Stops, F = 58-3/4"  
  Recommended Coordinator: COR42

- 36" Active Door, 18" Inactive door, 5/8" Stops
  Active Door Size, X = 36"  
  Overall Frame Opening between Stops, F = 52-3/4"  
  Recommended Coordinator: COR42

- Pair of 36" Doors, 5/8" Stops
  Active Door Size, X = 36"  
  Overall Frame Opening between Stops, F = 70-3/4"  
  Recommended Coordinator: COR52

- 48" Active Door, 24" Inactive Door, 5/8" Stops
  Active Door Size, X = 48"  
  Overall Frame Opening between Stops, F = 94-3/4"  
  Recommended Coordinator: COR60
Special Factory Preparation for Use with Vertical Rod Exit Devices

Coordinators may need to be prepared at the factory for use with some surface or concealed vertical rod exit devices.
(See Chart below)

If the exit device is not listed the following information is needed.
1. Exit Device Manufacturer and Model No.
2. Active Door Size, “X”
3. Inactive Door Size, “Y”
4. Exit Device Backset, “U”
5. Stop Width, “W”
6. Stop Thickness if other than 5/8”, “V”

<table>
<thead>
<tr>
<th>Exit Device Manufacturer</th>
<th>Exit Device Number</th>
<th>Device Backset</th>
<th>Maximum Active Door</th>
<th>Coordinator Size Needed</th>
<th>Coordinator Cutout Type</th>
<th>Mounting Bracket Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Von Duprin</td>
<td>5547-F</td>
<td>2-3/8&quot;</td>
<td>33&quot; 43&quot; 51&quot; 63&quot;</td>
<td>42&quot; 52&quot; 60&quot; 72&quot;</td>
<td>Type A</td>
<td>None</td>
</tr>
<tr>
<td>Von Duprin</td>
<td>8827-F</td>
<td>2-3/4&quot;</td>
<td>33&quot; 43&quot; 51&quot; 63&quot;</td>
<td>42&quot; 52&quot; 60&quot; 72&quot;</td>
<td>Type B</td>
<td>MB2V, MB2V or MB3V see page C3</td>
</tr>
<tr>
<td>Von Duprin</td>
<td>8847-F</td>
<td>2-3/8&quot;</td>
<td>33&quot; 43&quot; 51&quot; 63&quot;</td>
<td>42&quot; 52&quot; 60&quot; 72&quot;</td>
<td>Type C</td>
<td>None</td>
</tr>
<tr>
<td>Von Duprin</td>
<td>33/3547 33/3547-F</td>
<td>2-3/4&quot;</td>
<td>33&quot; 43&quot; 51&quot; 64&quot;</td>
<td>42&quot; 52&quot; 60&quot; 72&quot;</td>
<td>Type D</td>
<td>None</td>
</tr>
<tr>
<td>Von Duprin</td>
<td>33/3548 33/3548-F</td>
<td>2-3/4&quot;</td>
<td>33&quot; 43&quot; 51&quot; 64&quot;</td>
<td>42&quot; 52&quot; 60&quot; 72&quot;</td>
<td>Type D</td>
<td>None</td>
</tr>
<tr>
<td>Von Duprin</td>
<td>33/3547/974DC 33/3547/974DC-F</td>
<td>1-5/16&quot;</td>
<td>34&quot; 44&quot; 52&quot; 65&quot;</td>
<td>42&quot; 52&quot; 60&quot; 72&quot;</td>
<td>Type E</td>
<td>None</td>
</tr>
<tr>
<td>Falcon</td>
<td>17-C</td>
<td>2-3/4&quot;</td>
<td>33&quot; 43&quot; 51&quot; 63&quot;</td>
<td>42&quot; 52&quot; 60&quot; 72&quot;</td>
<td>Type F</td>
<td>None</td>
</tr>
<tr>
<td>Falcon</td>
<td>17-C-WDC</td>
<td>2-13/16&quot;</td>
<td>33&quot; 43&quot; 51&quot; 63&quot;</td>
<td>42&quot; 52&quot; 60&quot; 72&quot;</td>
<td>Type G</td>
<td>None</td>
</tr>
</tbody>
</table>

[Diagram of door hardware components]