ABH®
Manufacturing, Inc.







- Overhead Holders & Stops
- Hospital Push/Pull Latches
- Electro-Magnetic Door Holders
- Electrical Power Transfer Products
- Aluminum Continuous Geared Hinges
- Stainless Steel Continuous Pin & Barrel Hinges
- Stainless Steel Edge Guards
- Pivots & Pivot Sets
- Rescue Hardware
- Slide Bolts, Surface Bolts & Miscellaneous Products

Coordinators, Flush Bolts & Roller Latches

Coordinators - Cross Reference Chart

ABH*	Rockwood*	Ives*	DCI*	Hager*	Trimco*	Don Jo*	Cal Royal*
3711	-	COR32 FL20	N-652	-	3094A2	2011	-
3712	2660	COR32 FL32	-	-	3094B1	2012	-
3721	2672	COR52 FL20	672	297D	3094B2	2021	DORCO-1 FB1858
3722	2684	COR52 FL32	684	297D	3094B3	2022	DORCO-1 FB3258
3723	2696	COR52 FL44	696	297D	3094B4	2023	-
3733	-	COR60 FL44	L-6104	-	3094C4	2033	-
3741	NX2654	COR42 FL20	NX-654	-	-	-	-
3751	2601AB	MB-1	601AB	297M	3095	2051	MB4750
3752	2601C	MB-2	601C	297N	3096	2050	MB4250
3760	1100	CB1	CB	297C	3090	2060	CBO-1
3780	1700	-	-	-	3092	2040	-
3790	576	COR7G	500	298D	3093	2080	FRGC065

Flush Bolts - Cross Reference Chart

ABH*	Rockwood*	Ives*	DCI*	Hager*	Trimco*	Don Jo*	Cal Royal*
1855S	555	FB458	780F	282D	3917	1555	-
1857S	557	FB358	790F	283D	3913	1557	-
1860P	2842	FB31P	842	292D	3810	1560	AUTOFLM1
1862P	2942	FB41P	942	291D	3815	1562	AUTOFLW22
1870	570	DP2	80	280X	3910	1570	-
1872	-	DP1	81	-	3910N	1572	-

Roller Latches - Cross Reference Chart

ABH*	Rockwood*	Ives*	DCI*	Hager*	Trimco*	Don Jo*	Cal Royal*
1890	590	RL30	4030A	1442	1559A	1700	ARL1338
1890S	590DA	-	-	-	-	-	-
1891	591	RL30A	4030C	1443	1559C	1704	-
1892	592	-	4030B	318D	1559B	1702	ARL1338 x STRK62
1893	593	RL1152	4040	318S	1559BL	-	-
1894	-	-	-	-	-	-	-
1895	594	RL32	-	320R	1554B	1710	ARCT3350
1896	-	RL32A	-	-	1554C	-	-
1897	-	-	-	-	1554A	-	-
1898	-	-	-	-	-	-	-

*Brand names are trademarks or registered trademarks of their respective companies.

Coordinators, Flush Bolts and Roller Latches

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Door Coordinators

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3700 Series - Full Bar Coordinator with Filler Bar

- For use on pair of doors when one door must close before the other
- Active door lever holds the active door open until the inactive door closes enough to trip the release mechanism
- Safety override allows active door to close first when extreme force is applied
- Supplied with a filler bar to provide a virtually seamless look across the entire soffit
- Mounting brackets available when using stop mounted hardware (3751 and 3752)
- Standard finish = US28 Satin Aluminum (ready to paint) - Contact factory for custom finish
- UL Listed for use with a pair of swinging fire doors incorporating an astragal for up to and including 3 hours

3700 Series Sizing Chart

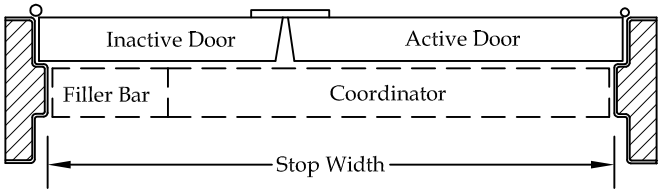
Model	Door Frame Opening (Equal Pair)	Coordinator (included)	Filler Bar (included)
3711	52" or Less	32"	20"
3712	52-1/16" - 56"	32"	32"
3721	56-1/16" - 72"	52"	20"
3722	72-1/16" - 84"	52"	32"
3723	84-1/16" - 96"	52"	44"
3733	96-1/16" - 104"	60"	44"
3741	**Unequal Pair** 36" Active and 12" - 24" Inactive	42"	20"

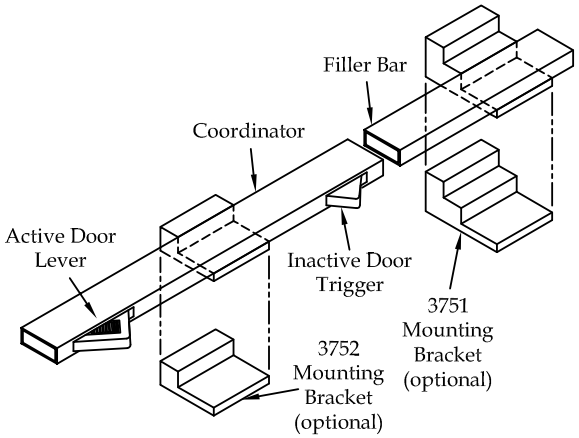
How to Choose the Right Model

See chart above on right to determine which model you need.

You may also use the following to guide you in selecting the correct model for your application.

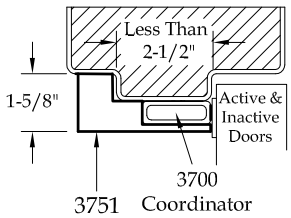
- Coordinator size = Active door size + 6" minimum
- Filler bar size = Stop width – Coordinator Size (select the next standard filler bar size up – 20", 32" or 44")

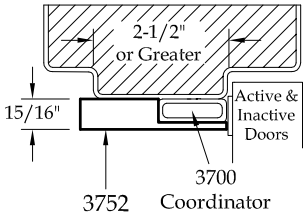




3751 & 3752 - Mounting Brackets

- 3751 – stop widths less than 2-½"
- 3752 – stop widths 2-½" or greater
- Allows stop mounted hardware to be properly installed without drilling into and possibly damaging the coordinator
- Order one bracket for each piece of hardware to be stop mounted
- Mounting brackets are then drilled and tapped in the field to install the stop mounted hardware
- Standard finish = US28 Satin Aluminum (ready to paint) - Contact factory for custom finish





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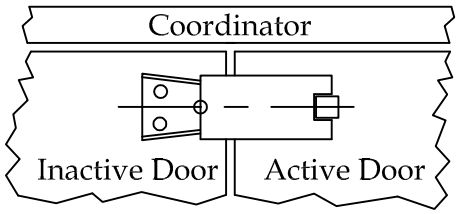
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Door Coordinators

3760 - Carry Bar

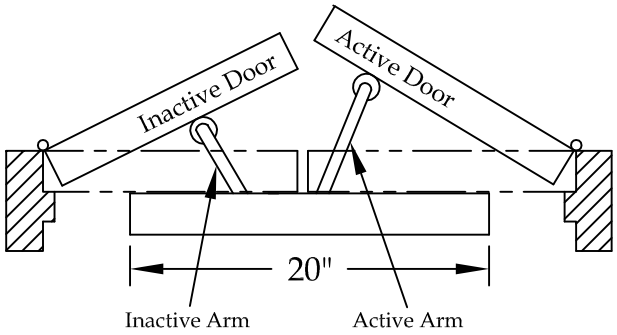
- Used to prevent damage on doors and other hardware when inactive door can be opened before active door
- For use with 3700 Full Bar Coordinator or 3790 Gravity Coordinator
- Mounts on inactive door
- Not required when using flush bolts
- Standard finish = USP – Primed, black matte. Contact factory for custom finishes



3760

3780 - Universal Coordinator

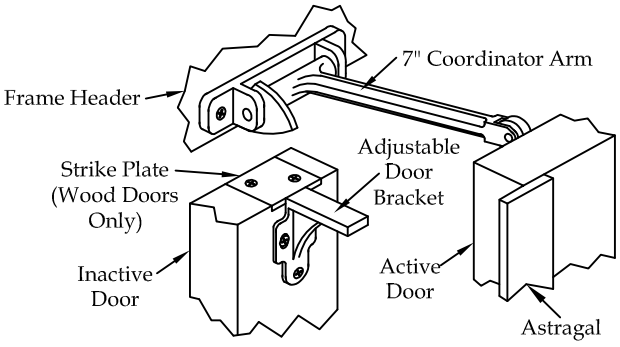
- For pair of doors up to 8′ wide
- The long arm holds the active door open until the short arm is depressed by the inactive door
- Stop mounted - mounting brackets not required
- Standard finish = USP – Primed, black matte. Contact factory for custom finishes
- Meets or exceeds ANSI 156.3, Type 21 requirements (when used with carry bar)
- Mounting brackets not required when using stop mounted hardware
- UL Listed for use with a pair of swinging fire doors incorporating an astragal for up to and including 3 hours
- Not for use with exposed vertical rod panic devices
- US Patent No. 6,250,014



3780

3790 - Gravity Coordinator

- Roller arm stops active door from closing before inactive door
- Active door up to and including 4′0″ wide
- Inactive door up to and including 3′4″ wide
- Both doors over 2′10″ wide
- Closing of inactive door causes the strike plate on top of the door to lift the arm and close the active door. As inactive door closes, the nylon roller lifts the coordinator arm.
- Gravity arm and door bracket are field-adjustable for installation ease
- UL Listed for use with a pair of swinging fire doors incorporating an astragal for up to and including 3 hours
- Standard finish = US32D – satin stainless steel. Contact factory for custom finishes



3790

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Automatic Flush Bolts

When the active door is closed, the bolt automatically projects to lock the inactive door. When the active door opens, the bolt automatically retracts to unlock inactive door

1860P - Automatic Flush Bolts for Metal Door (Pair)

- UL Listed for use on metal fire doors up to 4′0″ x 8′0″ for up to and including 3 hours
- ¾″ throw with 2″ vertical adjustment. Adjustment can be made without removing door from frame
- Standard rod length = 12″
- If strike and bolt are misaligned, override prevents damage to door, frame and flush bolt
- Meets or exceeds ANSI 156.3 Type 25
- Standard finish = US32D, US10, US10B, US3, US32 and US4. Contact factory for custom finishes
- Standard weight = 2-½ lbs.

Options

- "SEC" – Security fasteners
- If a single flush bolt is required, order 1860S
- Custom rod lengths available - Specify length (increments of 6″)



1860P
(Single Flush Bolt Shown)

1862P - Automatic Flush Bolts for Wood Door (Pair)

- UL Listed for use on wood or plastic covered composite type fire doors up to 4′0″ x 8′0″ for up to and including 90 minutes
- ¾″ throw with ¾″ vertical adjustment. Adjustment can be made without removing door from frame
- If strike and bolt are misaligned, override prevents damage to door, frame and flush bolt
- Meets or exceeds ANSI 156.3 Type 25
- Standard finish = US32D, US10, US10B, US3, US32 and US4. Contact factory for custom finishes.
- Standard weight = 3 lbs.

Options

- "SEC" – Security fasteners
- If a single flush bolt is required, order 1862S



1862P
(Single Flush Bolt Shown)

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Manual Flush Bolts

Used to lock and unlock an inactive door when the active door is open. Installed on the lock edge of the inactive door, moving the lock lever up locks it and moving the lever down unlocks it.

1855S – Manual Flush Bolt for Metal Door (Single)

- UL Listed for use on metal fire doors up to 4'0" x 8'0" for up to and including 3 hours
- ¾" throw with ¾" rod backset
- Standard rod length is 12"
- 1-½" adjustable bolt head
- Meets or exceeds BHMA L14251, ANSI 156.16
- Standard finishes = US26D, US10, US10B, US3, US26 and US4. Contact factory for custom finishes
- Standard weight = 1 lb.



1855S

Options

- "SEC" – Security fasteners
- If a pair of flush bolts are required, order 1855P
- Custom rod lengths available - Specify length (increments of 6")

1857S – Manual Flush Bolt for Wood Door (Single)

- Supplied with a corner reinforcement plate to maintain door strength
- ¾" throw with ¾" rod backset
- Meets or exceeds BHMA L04261, ANSI 156.16
- Standard finishes = US26D, US10, US10B, US3, US26 and US4. Contact factory for custom finishes
- Standard weight = 1 lb.



1857S

Options

- "SEC" – Security fasteners
- If a pair of flush bolts are required, order 1857P

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Dust Proof Strikes

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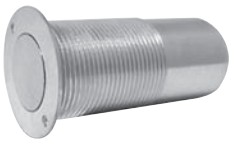
- Designed for use with all bottom mounted ABH® manual and automatic flush bolts.
- Adjustable height for use with carpets
- Spring–loaded plunger depressed when flush bolt is thrown and returns automatically when flush bolt is retracted
- Eliminates need to clean standard floor strikes
- ¾" diameter strike hole
- Meets or exceeds ANSI A156.16, L04021
- Standard finishes = US26D, US10, US10B, US3, US4 and US26. Contact factory for custom finishes

1870 – Rectangular for Use on Floor or with Threshold



1870

1872 – Round for Use with Threshold



1872

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Roller Latches

ABH® roller latches have an easily adjustable roller projection that provides proper contact between the roller and the strike. The solid nylon roller provides a durable and quiet operation.

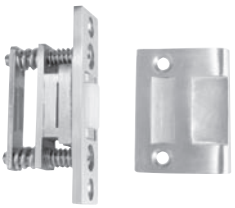
Meets or exceeds ANSI A156.16

Standard finishes available – US32D, US32*, US10*, US10B*, US3* and US4*

*Roller latch faceplate is always provided in US32D (except 1893). Only the strikes will be provided in the finish ordered.

1890

- Full lip Cast Strike
- 5/16″ adjustable roller latch projection
- Projection is easily adjustable after installation
- Screw Detail
  - Body: (2) #10 x ¾″ Phillips flat head sheet metal screws
  - Strike: (2) #8 x ¾″ Phillips flat head sheet metal screws



1890

1891

- ASA Strike
- 5/16″ adjustable roller latch projection
- Projection is easily adjustable after installation
- Screw Detail
  - Body: (2) #10 x ¾″ Phillips flat head sheet metal screws
  - Strike: (2) 12-24 x 3/8″ Phillips flat head, undercut machine screws



1891

1892

- T Strike
- 5/16″ adjustable roller latch projection
- Projection is easily adjustable after installation
- Screw Detail
  - Body: (2) #10 x ¾″ Phillips flat head sheet metal screws
  - Strike: (2) #8 x ¾″ Phillips flat head sheet metal screws



1892

1893

- Integrated angle stop for stopless frames
- 5/16″ adjustable roller latch projection
- Mounts in the header or side jamb with the strike on the door
- Cast Strike
- Screw Detail
  - Body: (2) #10 x ¾″ Phillips flat head sheet metal screws
  - Strike: (2) #8 x ¾″ Phillips flat head sheet metal screws



1893

1894

- Extended Full Lip Cast Strike
- 5/16″ adjustable roller latch projection
- Projection is easily adjustable after installation
- Screw Detail
  - Body: (2) #10 x ¾″ Phillips flat head sheet metal screws
  - Strike: (2) #8 x ¾″ Phillips flat head sheet metal screws



1894

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Roller Latches

1895

- T Strike
- ½" adjustable roller latch projection
- Screw Detail
  - Body: (2) #8 x ¾" Phillips flat head sheet metal screws
  - Strike: (2) #8 x ¾" Phillips flat head sheet metal screws



1895

1896

- ASA Strike
- ½" adjustable roller latch projection
- Screw Detail
  - Body: (2) #8 x ¾" Phillips flat head sheet metal screws
  - Strike: (2) 12-24 x 3/8" Phillips flat head, undercut machine screws



1896

1897

- Full Lip Cast Strike
- ½" adjustable roller latch projection
- Screw Detail
  - Body: (2) #8 x ¾" Phillips flat head sheet metal screws
  - Strike: (2) #8 x ¾" Phillips flat head sheet metal screws



1897

1898

- Extended Full Lip Cast Strike
- ½" adjustable roller latch projection
- Screw Detail
  - Body: (2) #8 x ¾" Phillips flat head sheet metal screws
  - Strike: (2) #8 x ¾" Phillips flat head sheet metal screws



1898

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