






Automatic Flush Bolts - Metal Doors

FB30 Series for Metal Doors

- Fully Automatic—inactive door is latched when active door closes, bolts retract when active door is opened.
- Low Actuation Forces—Top Bolt Has No Spring Tension.
- UL Listed for Fire Doors.
- Fits standard ANSI A115.4 Door Frame Preparations.
- Non-handed.
- Models with Auxiliary Fire Latch eliminates the bottom bolt and is UL Listed for Fire Doors.
- Finishes: US3, US4, US10, US10B, US32, US32D.
- Finished Cover Plates permit finish changes in stock or at job site.
- Bolts have 3/4" throw with a 7/8" vertical adjustment.
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip.
- Meets ANSI A156.3 Type 25.
- Optional Dust Proof Strikes—DP1 or DP2, prevents dirt build-up assuring full engagement of bottom bolt.
- Optional rod lengths available for top bolt for non-fire rated openings—18", 24", 36" and 48".

				
<p>FB31P Pair</p> <p>Top and Bottom Bolts Both bolts are non-handed, but are not identical. The top bolt has no spring tension, resulting in lower actuation force with a smoother operation.</p>	<p>FB32</p> <p>Top Bolt with Auxiliary Fire Latch FB32 combination includes FB31T Top Bolt with auxiliary fire latch. Provides a fire-listed application without a bottom bolt— meaning no floor prep and strike. The auxiliary fire latch, mounted in the door edge, releases under extremely high temperatures to keep the doors in alignment during a fire.</p>	<p>FB33</p> <p>Top Bolt with Auxiliary Fire Latch and Retrofit Plate FB33 used to update existing flush bolt installations with auxiliary fire latch eliminating bottom bolt and floor strike. FB33 consists of FB31T Top Bolt, auxiliary Fire Latch and Filler plate to cover existing cutout when bottom bolt is removed.</p>	<p>FB31T</p> <p>Top Bolt Only</p>	<p>FB31B</p> <p>Bottom Bolt Only</p>
<ul style="list-style-type: none"> • UL Listed 3 hours on 8'0" x 10'0" Opening 	<ul style="list-style-type: none"> • UL Listed 3 hours on 8'0" x 8'0" Opening 	<ul style="list-style-type: none"> • UL Listed 3 hours on 8'0" x 8'0" Opening 		

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 3/64" Thick
 Auxiliary Fire Latch Size: 1" Wide x 1-3/4" Long x 3-1/4" Deep
 Filler Plate Size: 1" Wide x 6-3/4" Long x 3/32" Thick

Automatic Flush Bolts - Wood Doors

FB40 Series for Wood Doors

- Fully Automatic—inactive door is latched when active door closes, bolts retract when active door is opened.
- Low Actuation Forces—Top Bolt Has No Spring Tension.
- UL Listed for Fire Doors.
- Non-handed.
- Models with Auxiliary Fire Latch eliminates the Bottom Bolt and is UL Listed for Fire Doors.

- Finishes: US3, US4, US10, US10B, US32, US32D.
- Finished Cover Plates permit finish changes in stock or at job site.
- Bolts have 3/4" throw with a 7/8" vertical adjustment.
- Meets ANSI A156.3 Type 25.
- Optional Dust Proof Strikes—DP1 or DP2, prevents dirt build-up assuring full engagement of bottom bolt.

			
<p>FB41P Pair</p> <p>Top and Bottom Bolts</p> <p>Both bolts are non-handed, but are not identical. The top bolt has no spring tension, resulting in lower actuation force with a smoother operation.</p>	<p>FB42</p> <p>Top Bolt with Auxiliary Fire Latch</p> <p>FB42 combination includes FB41T Top Bolt with auxiliary fire latch. Provides a fire-listed application without a bottom bolt— meaning no floor prep for strike. The auxiliary fire latch, mounted in the door edge, releases under extremely high temperatures to keep the doors in alignment during a fire.</p>	<p>FB41T</p> <p>Top Bolt Only</p>	<p>FB41B</p> <p>Bottom Bolt Only</p>
<p>• UL Listed 90 minutes on 8'0" x 8'0" Opening</p>	<p>• UL Listed 20 minutes on 8'0" x 8'0" Opening</p>		





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

Constant Latching Flush Bolts - Metal Doors

FB50 Series for Metal Doors

- 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.
- UL Listed for Fire Doors.
- Fits standard ANSI A115.4 Door and Frame Preparations.
- Non-handed.
- Models with Auxiliary Fire Latch eliminates the bottom bolt and is UL Listed for Fire Doors.
- Finishes: US3, US4, US10, US10B, US32, US32D.
- Finished Cover Plates permit finish changes in stock or at job site.
- Bolts have 3/4" throw with a 7/8" vertical adjustment.
- Meets ANSI A156.3 Type 27.
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip.
- Optional Dust Proof Strikes—DP1 or DP2, prevents dirt build-up assuring full engagement of bottom bolt.
- Optional rod lengths available for top bolt for non-fire rated openings—18", 24", 36" and 48".

			
<p>FB51P Pair</p> <p>Top and Bottom Bolts FB51P combines FB51T constant latching top bolt with FB31B automatic bottom bolt. Non-handed.</p>	<p>FB52</p> <p>Top Bolt with Auxiliary Fire Latch FB52 combination includes FB51T Top Bolt with auxiliary fire latch. Provides a fire-listed application without a bottom bolt—meaning no floor prep for strike. The auxiliary fire latch, mounted in the door edge, releases under extremely high temperatures to keep the doors in alignment during a fire.</p>	<p>FB53</p> <p>Top Bolt with Auxiliary Fire Latch and Retrofit Plate FB53 used to update existing flush bolt installations with auxiliary fire latch eliminating bottom bolt and floor strike. FB53 consists of FB51T top bolt, auxiliary fire latch and filler plate to cover existing cutout when bottom bolt is removed.</p>	<p>FB51T</p> <p>Top Bolt Only</p>
<ul style="list-style-type: none"> • UL Listed 3 hours on 8'0" x 10'0" Opening. 	<ul style="list-style-type: none"> • UL Listed 3 hours on 8'0" x 8'0" Opening. 	<ul style="list-style-type: none"> • UL Listed 3 hours on 8'0" x 8'0" Opening. 	




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
 Filler Plate Size: 1" Wide x 6-3/4" Long x 3/32" Thick

Constant Latching Flush Bolts - Wood Doors

FB60 Series for Wood Doors

- 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.
- UL Listed for Fire Doors.
- Non-handed.
- Models with Auxiliary Fire Latch eliminates the bottom bolt and is UL Listed for Fire Doors.
- Finishes: US3, US4, US10, US10B, US32, US32D.
- Finished Cover Plates permit finish changes in stock or at job site.
- Bolts have 3/4" throw with a 7/8" vertical adjustment.
- Meets ANSI A156.3 Type 27.
- Optional Dust Proof Strikes—DP1 or DP2, prevents dirt build-up assuring full engagement of bottom bolt.

		
<p>FB61P Pair Top and Bottom Bolts FB61P combines FB61T constant latching top bolt with FB41B bottom bolt.</p>	<p>FB62 Top Bolt with Auxiliary Fire Latch FB62 combination includes FB61T top bolt with Auxiliary Fire Latch. Provides a fire-listed application without a bottom bolt—meaning no floor prep for strike. The Auxiliary Fire Latch, mounted in the door edge, releases under extremely high temperatures to keep the doors in alignment during a fire.</p>	<p>FB61T Top Bolt Only</p>
<ul style="list-style-type: none"> • UL Listed 90 minutes on 8'0" x 8'0" Opening 	<ul style="list-style-type: none"> • UL Listed 20 minutes on 8'0" x 8'0" Opening 	

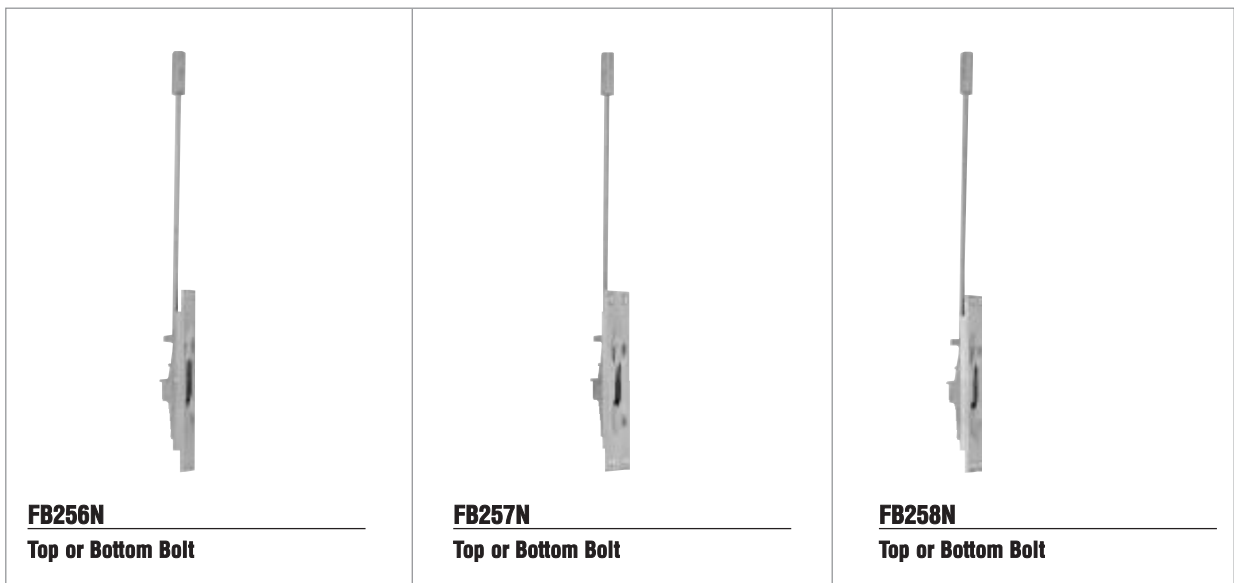
Dimensions:

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

Manual Flush Bolts - Metal Doors

FB256N, FB257N, and FB258N Series for Metal Doors

- 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.
- Brass Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D
- Bolt tip is 1/2" Diameter.
- Bolts have 3/4" throw with a bolt backset of 3/4".
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip.
- Meets ANSI/BHMA A156.16, L04251.
- Optional Dust Proof Strikes — prevents dirt build-up assuring full engagement of bottom bolt.
- Optional rod lengths available: 6", 9", 18", 24", 30", 36" and 48".



Dimensions:

Body Size: FB256N: 3/4" Wide x 6-3/8" Long x 1-1/8" Deep
FB257N: 1-1/4" Wide x 6-3/8" Long x 1-1/8" Deep
FB258N: 1" Wide x 6-3/8" 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

Manual Flush Bolts - Wood Doors

FB358 Series for Wood Doors

- 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.
- UL Listed for Fire Doors.
- Non-handed.
- Brass Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D.
- Bolts have 3/4" throw with a 7/8" vertical adjustment.
- Meets ANSI/BHMA A156.16, L04261.
- Optional Dust Proof Strikes—DP1 or DP2, prevents dirt build-up assuring full engagement of bottom bolt.
- Not available for rabbeted door installations.



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

Manual Flush Bolts - Metal Doors

FB457 and FB457N Series for Metal Doors

- 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.
- FB457 UL Listed for Fire Doors.
- FB457N not UL Listed for Fire Doors.
- Brass Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D.
- Bolt tip is 1/2" Diameter.
- Bolts have 3/4" throw with a bolt backset of 3/4".
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip.
- Meets ANSI/BHMA A156.16, L04251.
- Optional Dust Proof Strikes — prevents dirt build-up assuring full engagement of bottom bolt.
- Optional rod lengths available for FB457: 6", 9", 18" and 24".
- Optional rod lengths available for FB457N: 6", 9", 18", 24", 30", 36" and 48".

 <p>FB457 Top or Bottom Bolt</p>	 <p>FB457N Top or Bottom Bolt</p>
<ul style="list-style-type: none"> • UL Listed 3 hours on 8'0" x 10'0" Opening 	

Dimensions:

Body Size: 1-1/4" Wide x 6-3/4" Long x 1-1/8" Deep

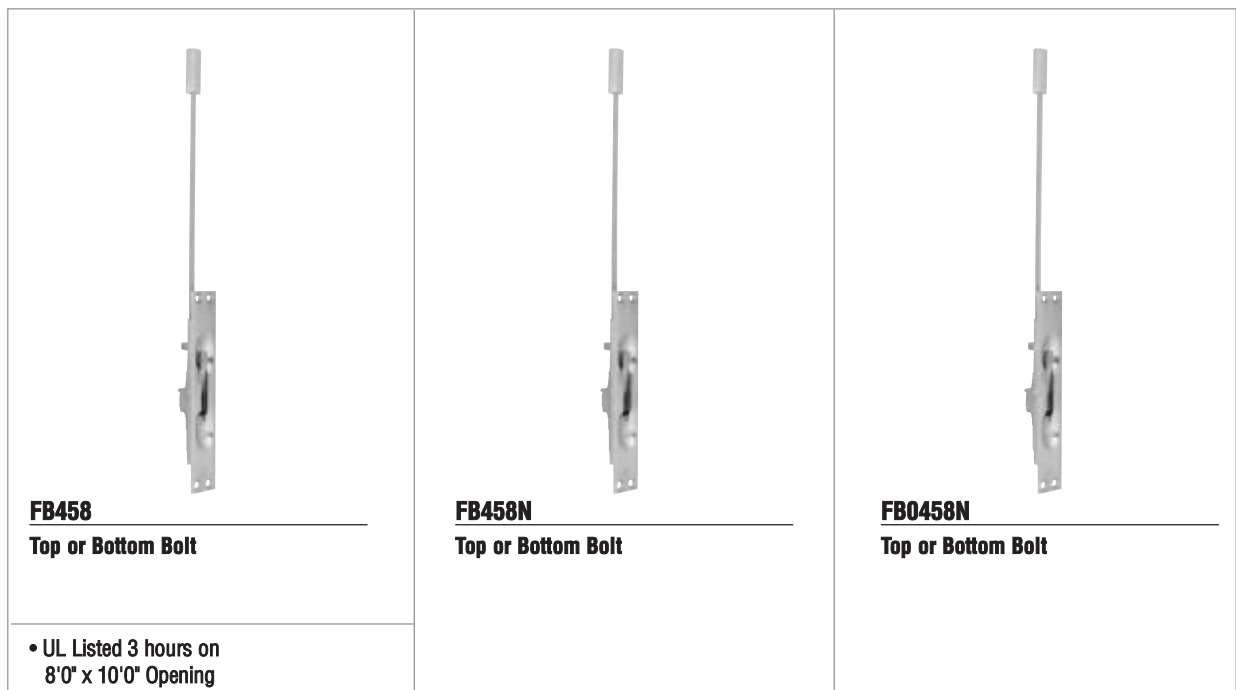
Guide Size: 1" Wide x 2" Long x 5/64" Thick

Strike Size: 15/16" Wide x 2-1/4" Long x 5/64" Thick

Manual Flush Bolts - Metal Doors

FB458, FB458N and FB0458N Series for Metal Doors

- 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.
- FB458 UL Listed for Fire Doors.
- FB458N and FB0458N not UL Listed for Fire Doors.
- FB0458N features 1/4" radius corners on body.
- Non-handed.
- Brass Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D.
- Bolt tip is 1/2" diameter.
- Bolts have 3/4" throw with a bolt backset of 3/4".
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip.
- Meets ANSI/BHMA A156.16, L04251.
- Optional Dust Proof Strikes—prevents dirt build-up assuring full engagement of bottom bolt.
- Optional Rod Lengths available for FB458: 6", 9", 18" and 24".
- Optional Rod Lengths available for FB458N and FB0458N: 6", 9", 18", 24", 30", 36" and 48".



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

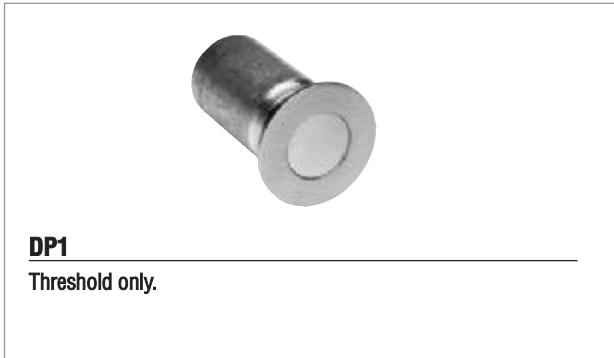
Dust Proof Strikes

DP1 and DP2 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.
- Meets ANSI/BHMA 156.16, L14011.
- Finishes: US3, US4, US10, US10B, US26, US26D.

Dimensions:

DP1 Face Plate: 1-7/16" Diameter
 DP2 Face Plate: 1-5/8" Wide x 3-1/2" Long x 1/8" Thick
 DP1 and DP2 Body: 1-3/16" Diameter x 1-7/8" Deep

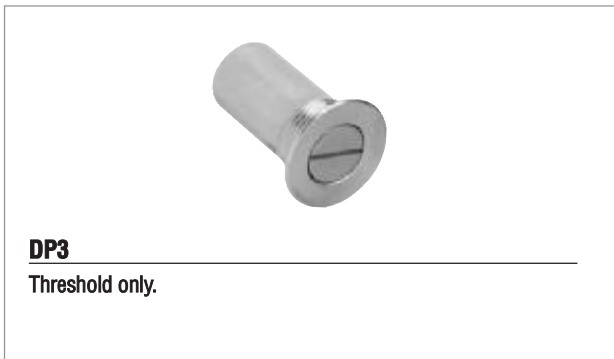


DP3 and DP4 Dust Proof Strikes

- Designed for use with the bottom bolt of the Ives extension flush bolts on non-fire rated openings. DP3 for installation in thresholds up to 1/4" thick. DP4 includes plate for installation in thresholds or floor.
- 3/4" diameter plunger accepts up to 5/8" diameter round bolts or 1/2" square bolts.
- Can be locked in up position by rotating plunger with screwdriver or coin. Eliminates trapping of spiked heels.
- Made from polished wrought brass.
- Brass Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B26, B26D.

Dimensions:

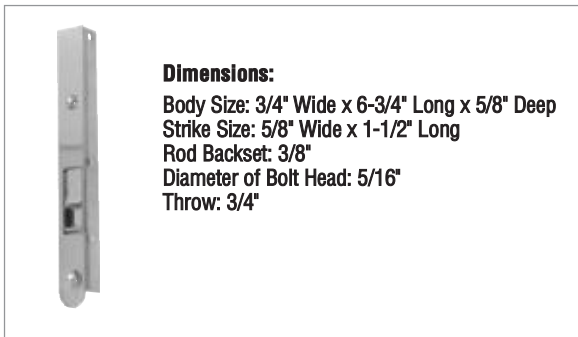
DP3 Faceplate: 1-3/8" Diameter
 DP4 Faceplate: 1-5/8" Wide x 3-1/2" Long x 1/8" thick
 DP3 and DP4 Body: 1-61/64" Overall Depth, Fits Hole 1-1/16" in Diameter



Manual Flush Bolts

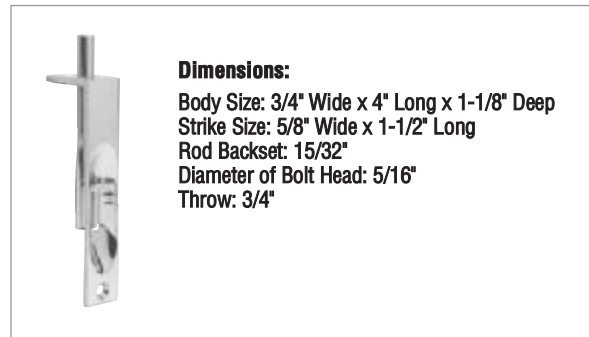
260 Series

- Designed with face plate rounded for simple, one-step router installation.
- Steel bolt head in nylon bushing combined with dual action spring lock to hold bolt projected or retracted provides easy, one-finger operation.
- Economically priced for the volume builder.
- Made from polished wrought brass.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B19, B26, B26D.



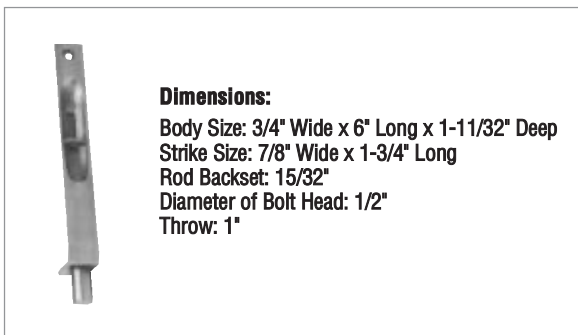
261 Series

- 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.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B19, B26, B26D.



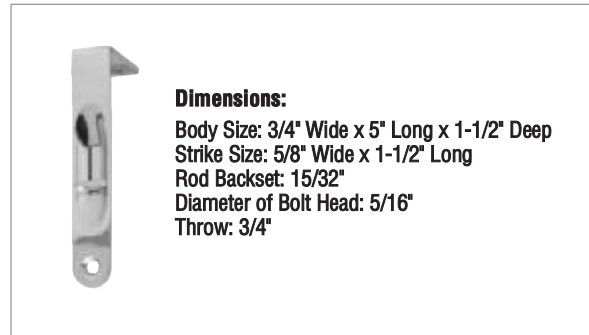
262 Series

- 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.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B19, B26, B26D.



263 Series

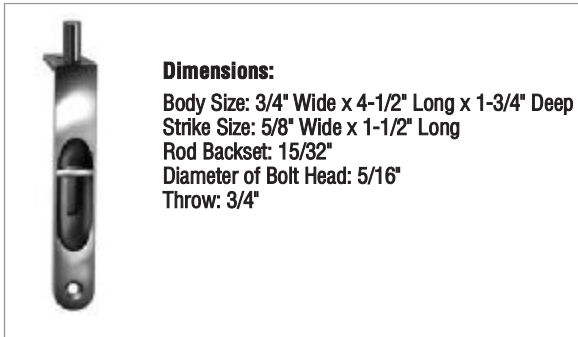
- A compact flush bolt designed specifically for easy, low cost installation.
- Rounded faceplate and lip for simplified installation.
- Double action spring design provides automatic holding of brass bolt in projected or retracted position, and assures ease of operation in conjunction with deep cup finger hole.
- Made from polished cast brass.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B19, B26, B26D.



Manual Flush Bolts

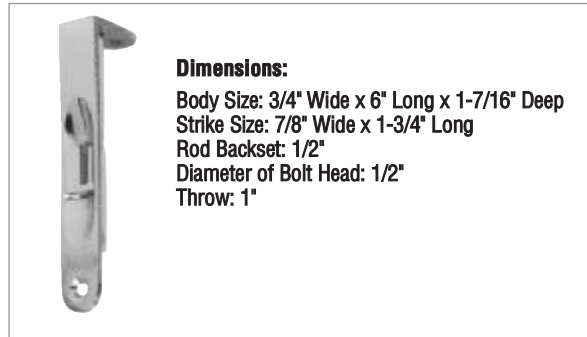
264 Series

- A compact flush bolt designed specifically for fast, low cost installation.
- Same rounded faceplate and lip as the 263 Flush Bolt for simplified installation.
- Extra long lip permits installation in a variety of door contraction designs
- 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.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B19, B26, B26D



265 Series

- 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.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B19, B26, B26D.



266 Series

- Same as the 265 Flush Bolt except with square bottom faceplate.
- 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.
- Finishes: B3, B4, B5, B10, B10B, B14, B15, B15A, B19, B26, B26D.

