

ANSI Grade 1  
Door Hardware

**FB** Series

# Flush Bolts



**klaccki**®  
life unlocked.

ANSI Grade 1  
Door Hardware

**FB** Series

# Flush Bolts



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## About Klacci

Since its establishment in 1958, I-TEK has continually adopted a proactive approach toward manufacturing extensive varieties of locksets and architectural hardware, insisting on providing the best quality products and services that our customers deserve. With more than 50 years of manufacturing experience, our excellent product design capability and our professionalism in the lock industry, I-TEK is well known for being "keen on quality, with customer satisfaction being our priority", gaining us our customers' trust and confidence for many years. At present, I-TEK is one of the few professional lock suppliers that can produce Grade 1 and Grade 2 door locks in Asia.

## Quality assurance

The FB Series Flush Bolts are produced by I-TEK Company in Taiwan under ISO 9001 quality management, which is system certified by Underwriter Laboratories. I-TEK's test facility complies with ISO17025 and it is certified by Intertek under a continuous re-inspection program.

Furthermore, Klacci is a registered member of Builders Hardware Manufacturers Association (BHMA), as well as continuously ensuring that we follow up-to-date ANSI Standards with rigorous inspections by Intertek and Underwriter Laboratories. Our aim is to make our customers feel secure in the knowledge that high-quality products are provided.









# Automatic Flush Bolts



## Automatic Flush Bolts. Simple.

Inactive door locks automatically when the active door is closed; Inactive door unlocks automatically when the active door is opened.



# Automatic Flush Bolts

## Metal Door

### P/N. FB9510P

#### Top and Bottom Bolts (Pair)

- Up to 8' x 10' Metal Door Pairs.
- UL Listed 3 Hour Fire Rating.



P/N. FB9510T  
Top Bolt

P/N. FB9510B  
Bottom Bolt

### P/N. FB9510F

#### Top Bolt with Auxiliary Fire Bolt

- Up to 8' x 10' Metal Door Pairs.
- UL Listed 3 Hour Fire Rating.



P/N. FB9510T  
Top Bolt

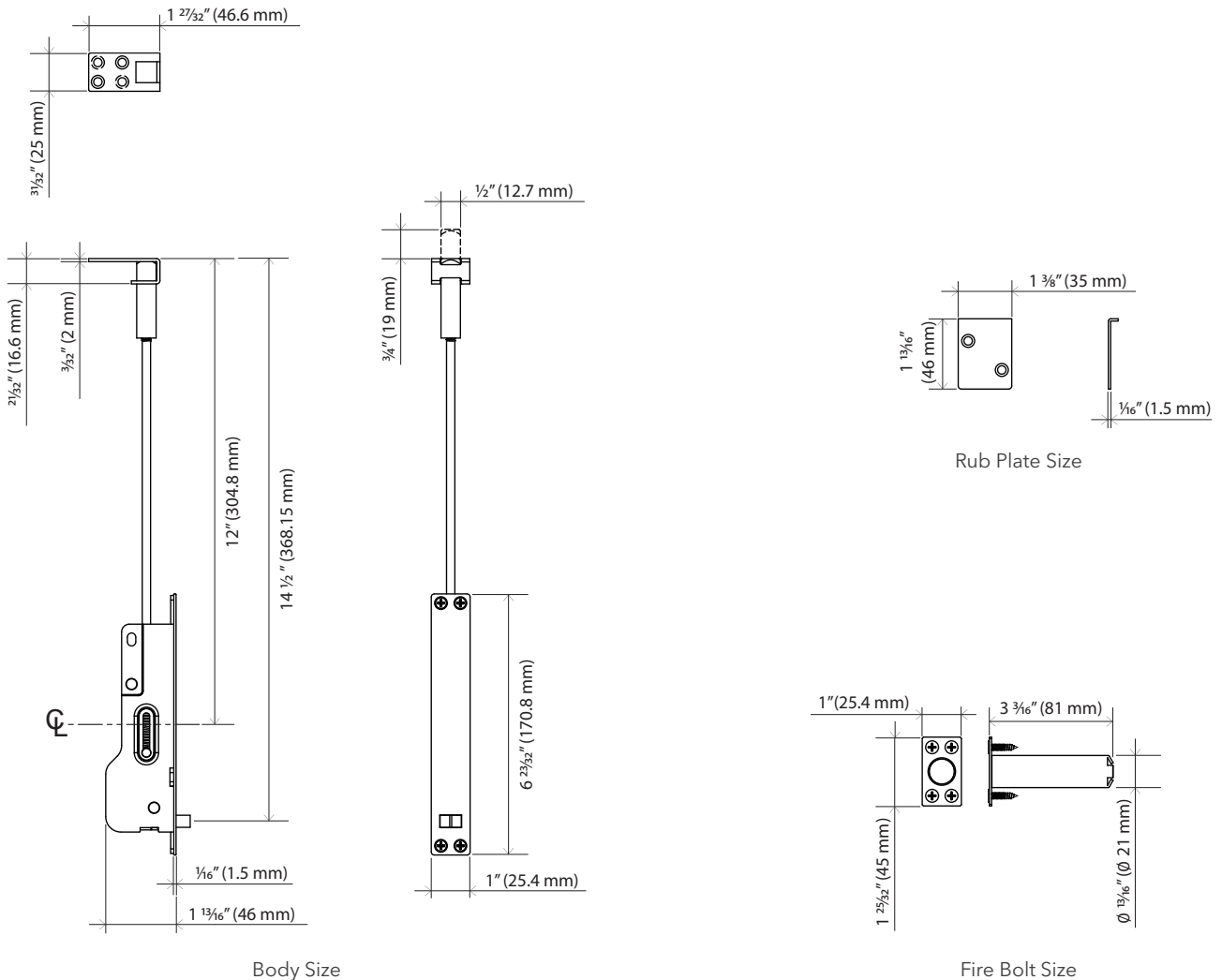
P/N. 68-4502  
Fire Bolt



# Specifications

<b>Certification/Compliance</b>	<ul style="list-style-type: none"> <li>ANSI/BHMA A156.3 Grade 1.</li> <li>Conforms to ANSI/BHMA 156.3 type 25.</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>The override spring prevents damage to the doors or bolts should the bolt head fail to align with top and bottom strike.</li> <li>The Auxiliary Fire Fuse assembly keeps the door aligned during a fire. In case of fire, the bolt extends from the fire fuse to keep the inactive door in the locked position.</li> <li>Patented floating cams for less than 5 lbs. of closing force required from the active door to extend both top and bottom bolts.</li> <li>Non-handed.</li> </ul>
<b>Top and Bottom Bolts</b>	<ul style="list-style-type: none"> <li>Bolts can be vertically adjusted up to 1" for floor variance or frame conditions.</li> <li>3/4" bolt throw and 3/4" backset.</li> </ul>
<b>Strike</b>	<ul style="list-style-type: none"> <li>95-2702 Strike standard.</li> <li>95-2705 or 95-2706 dust proof strike available.</li> </ul> <p>See page 25.</p>
<b>Standard Rod length</b>	<ul style="list-style-type: none"> <li>12" standard rod length measured from the center of the Flush Bolt body to the bolt tip. Optional 18", 24", 36" and 48" rod lengths available for top bolt only on non-fire rated openings.</li> </ul>
<b>Doors &amp; Preparations</b>	<ul style="list-style-type: none"> <li>Fits standard ANSI/BHMA A156.115 (A115.4).</li> </ul>
<b>Finishes</b>	<ul style="list-style-type: none"> <li>605, 606, 611, 612, 613, 625, 626, 630.</li> </ul> <p>See page 26.</p>
<b>Ordering information</b>	<ul style="list-style-type: none"> <li>FB9510R, FB9520R Model (without bottom bolt) with Auxiliary Fire Bolt includes a retrofit plate kit NO.95-2801 to cover existing bottom bolt prep.</li> </ul>

# Dimensions



# Automatic Flush Bolts

## Wood Door

### P/N. FB9511P

#### Top and Bottom Bolts (Pair)

- Up to 8' x 10' Wood Door Pairs.
- UL Listed 1-1/2 Hour Fire Rating.



P/N. FB9511T

Top Bolt



P/N. FB9511B

Bottom Bolt

### P/N. FB9511F

#### Top Bolt with Auxiliary Fire Bolt

- Up to 8' x 10' Wood Door Pairs.
- UL Listed 20 Minutes Fire Rating.



P/N. FB9511T

Top Bolt



P/N. 68-4502

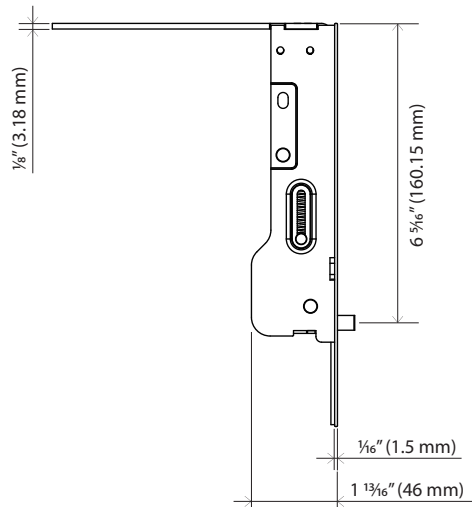
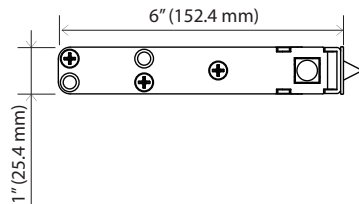
Fire Bolt



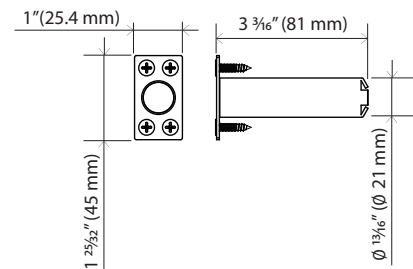
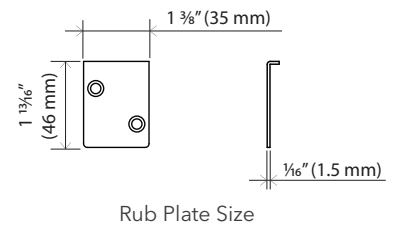
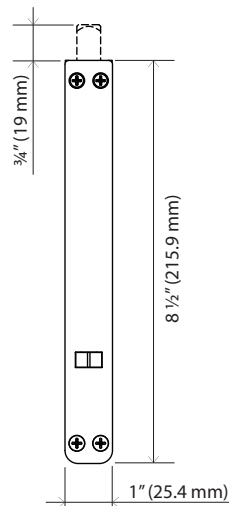
## Specifications

<b>Certification/Compliance</b>	<ul style="list-style-type: none"> <li>ANSI/BHMA A156.3 Grade 1.</li> <li>Conforms to ANSI/BHMA 156.3 type 25.</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>The override spring prevents damage to the doors or bolts should the bolt head fail to align with top and bottom strike.</li> <li>The Auxiliary Fire Fuse assembly keeps the door aligned during a fire. In case of fire, the bolt extends from the fire fuse to keep the inactive door in the locked position.</li> <li>Patented floating cams for less than 5 lbs. of closing force required from the active door to extend both top and bottom bolts.</li> <li>Non-handed.</li> </ul>
<b>Top and Bottom Bolts</b>	<ul style="list-style-type: none"> <li>Bolts can be vertically adjusted up to 1" for floor variance or frame conditions.</li> <li>3/4" bolt throw and 3/4" backset.</li> </ul>
<b>Strike</b>	<ul style="list-style-type: none"> <li>95-2702 Strike standard.</li> <li>95-2705 or 95-2706 dust proof strike available.</li> </ul> <p>See page 25.</p>
<b>Standard Rod length</b>	<ul style="list-style-type: none"> <li>12" standard rod length measured from the center of the Flush Bolt body to the bolt tip. Optional 18", 24", 36" and 48" rod lengths available for top bolt only on non-fire rated openings.</li> </ul>
<b>Finishes</b>	<ul style="list-style-type: none"> <li>605, 606, 611, 612, 613, 625, 626, 630.</li> </ul> <p>See page 26.</p>

## Dimensions

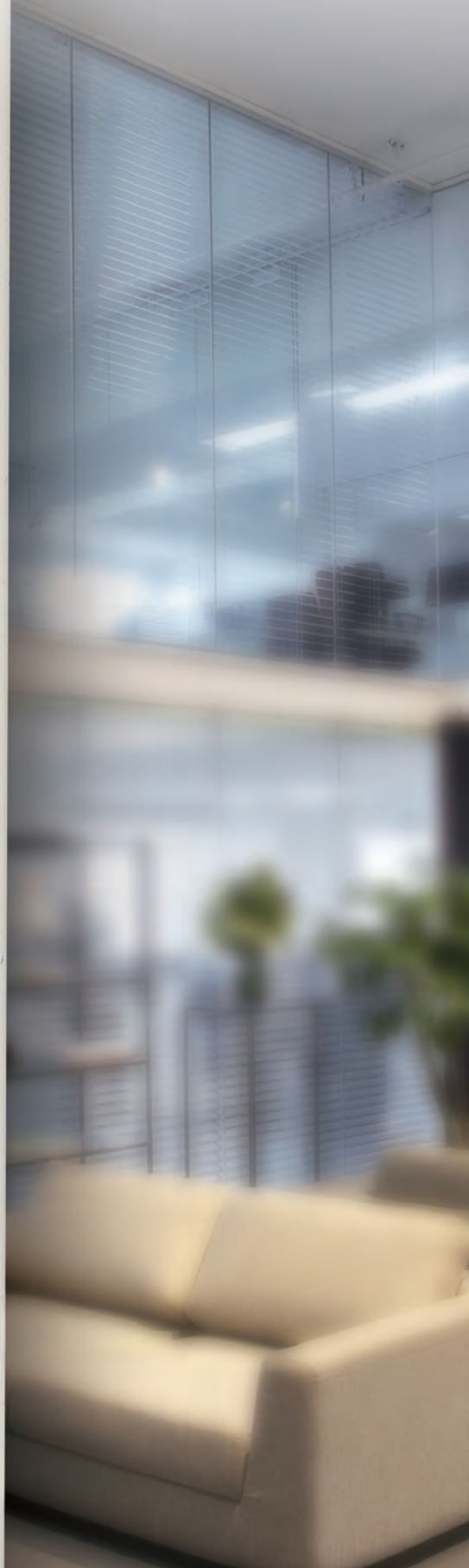


Body Size



Fire Bolt Size

# Self-Latching Flush Bolts





## Self-Latching Flush Bolts. Sophisticate.

Opening the active door + Manually unlatching the top bolt  
= inactive door is accessible; Closing the inactive and active  
door leaf in sequence = inactive door is secured.

# Self-Latching Flush Bolts

## Metal Door

### P/N. FB9520P

#### Top and Bottom Bolts (Pair)

- Up to 8' x 10' Metal Door Pairs.
- UL Listed 3 Hour Fire Rating.

### P/N. FB9520F

#### Top Bolt with Auxiliary Fire Bolt

- Up to 8' x 10' Metal Door Pairs.
- UL Listed 3 Hour Fire Rating.



P/N. FB9520T

Top Bolt

P/N. FB9510B

Bottom Bolt



P/N. FB9520T

Top Bolt

P/N. 68-4502

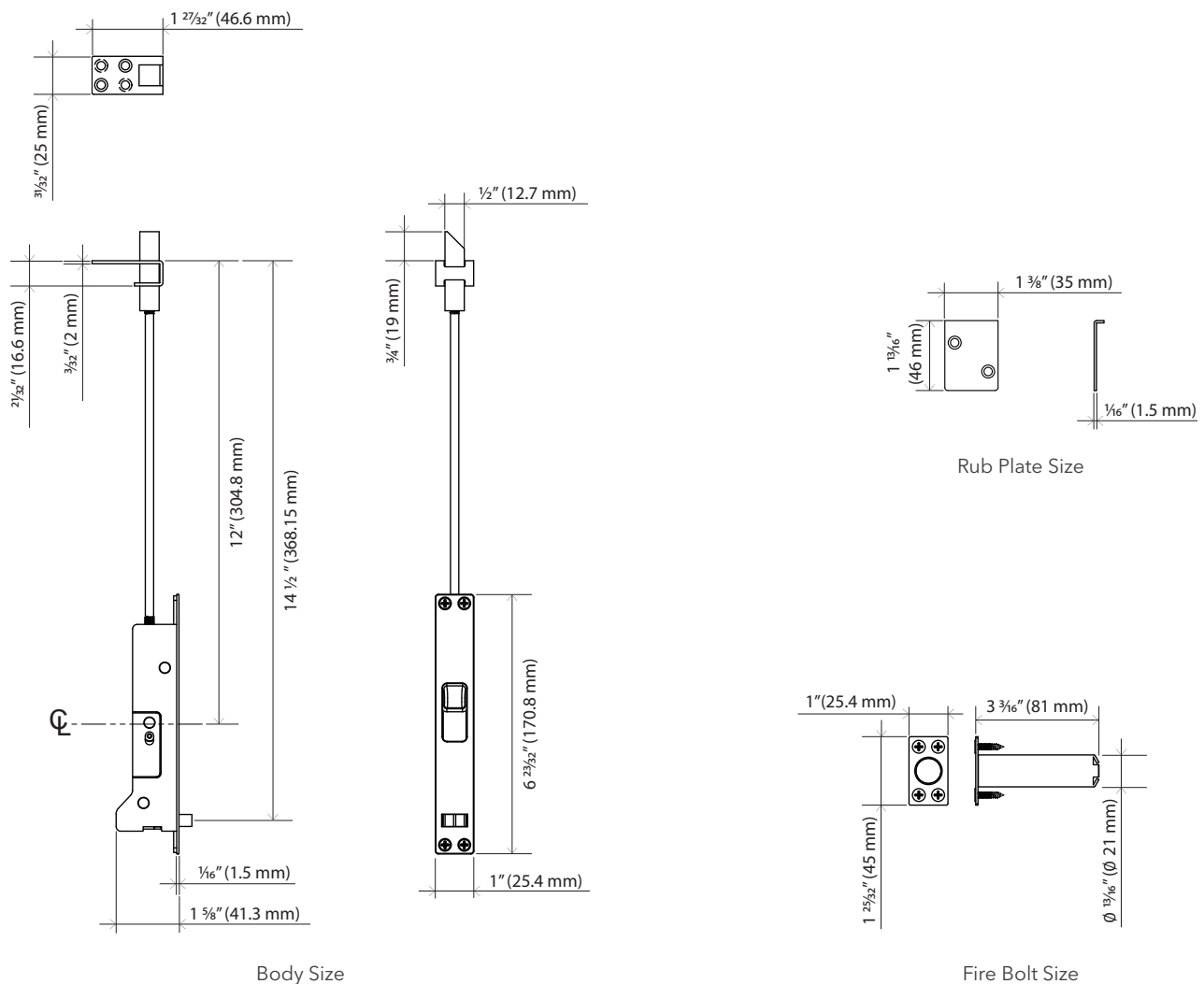
Fire Bolt



## Specifications

<b>Certification/Compliance</b>	<ul style="list-style-type: none"><li>● ANSI/BHMA A156.16 Grade 1.</li><li>● Conforms to ANSI/BHMA 156.16 type 27.</li></ul>
<b>Features</b>	<ul style="list-style-type: none"><li>● The override spring prevents damage to the doors or bolts should the bolt head fail to align with top and bottom strike.</li><li>● The Auxiliary Fire Fuse assembly keeps the door aligned during a fire. In case of fire, the bolt extends from the fire fuse to keep the inactive door in the locked position.</li><li>● Patented floating cams for less than 5 lbs. of closing force required from the active door to extend both top and bottom bolts.</li><li>● Non-handed.</li></ul>
<b>Top and Bottom Bolts</b>	<ul style="list-style-type: none"><li>● Bolts can be vertically adjusted up to 1" for floor variance or frame conditions.</li><li>● 3/4" bolt throw and 3/4" backset.</li></ul>
<b>Strike</b>	<ul style="list-style-type: none"><li>● 95-2708 Strike standard.</li><li>● 95-2705 or 95-2706 dust proof strike available.</li></ul> <p>See page 25.</p>
<b>Standard Rod length</b>	<ul style="list-style-type: none"><li>● 12" standard rod length measured from the center of the Flush Bolt body to the bolt tip. Optional 18", 24", 36" and 48" rod lengths available for top bolt only on non-fire rated openings.</li></ul>
<b>Doors &amp; Preparations</b>	<ul style="list-style-type: none"><li>● Fits standard ANSI/BHMA A156.115 (A115.4).</li><li>● Fits standard ANSI/BHMA A156.115W (A115.W5).</li></ul>
<b>Finishes</b>	<ul style="list-style-type: none"><li>● 605, 606, 611, 612, 613, 625, 626, 630.</li></ul> <p>See page 26.</p>
<b>Ordering information</b>	<ul style="list-style-type: none"><li>● FB9510R, FB9520R Model (without bottom bolt) with Auxiliary Fire Bolt includes a retrofit plate kit NO.95-2801 to cover existing bottom bolt prep.</li></ul>

## Dimensions



# Self-Latching Flush Bolts

## Wood Door

### P/N. FB9521P

#### Top and Bottom Bolts (Pair)

- Up to 8' x 10' Wood Door Pairs.
- UL Listed 1-1/2 Hour Fire Rating.



P/N. FB9521T

Top Bolt



P/N. FB9511B

Bottom Bolt

### P/N. FB9521F

#### Top Bolt with Auxiliary Fire Bolt

- Up to 8' x 10' Wood Door Pairs.
- UL Listed 20 Minutes Fire Rating.



P/N. FB9521T

Top Bolt



P/N. 68-4502

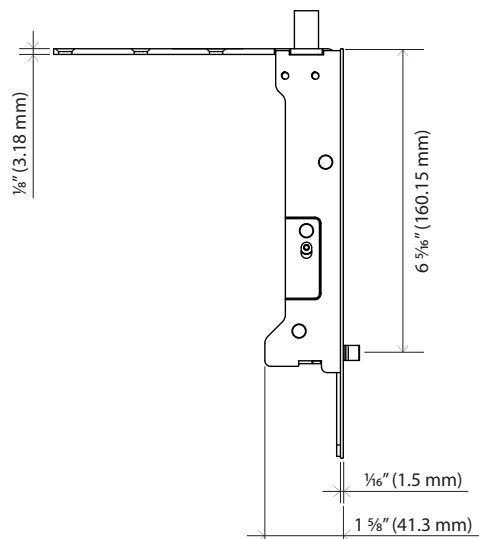
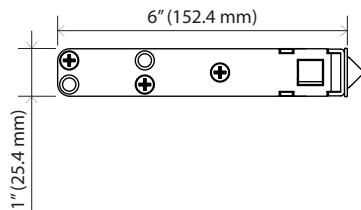
Fire Bolt



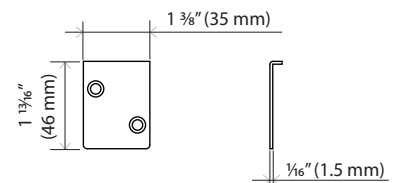
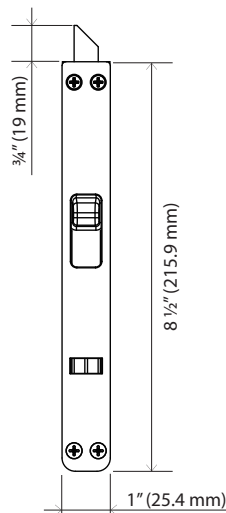
## Specifications

<b>Certification/Compliance</b>	<ul style="list-style-type: none"> <li>ANSI/BHMA A156.16 Grade 1.</li> <li>Conforms to ANSI/BHMA 156.16 type 27.</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>The override spring prevents damage to the doors or bolts should the bolt head fail to align with top and bottom strike.</li> <li>The Auxiliary Fire Fuse assembly keeps the door aligned during a fire. In case of fire, the bolt extends from the fire fuse to keep the inactive door in the locked position.</li> <li>Patented floating cams for less than 5 lbs. of closing force required from the active door to extend both top and bottom bolts.</li> <li>Non-handed.</li> </ul>
<b>Top and Bottom Bolts</b>	<ul style="list-style-type: none"> <li>Bolts can be vertically adjusted up to 1" for floor variance or frame conditions.</li> <li>3/4" bolt throw and 3/4" backset.</li> </ul>
<b>Strike</b>	<ul style="list-style-type: none"> <li>95-2708 Strike standard.</li> <li>95-2705 or 95-2706 dust proof strike available.</li> </ul> <p>See page 25.</p>
<b>Standard Rod length</b>	<ul style="list-style-type: none"> <li>12" standard rod length measured from the center of the Flush Bolt body to the bolt tip. Optional 18", 24", 36" and 48" rod lengths available for top bolt only on non-fire rated openings.</li> </ul>
<b>Finishes</b>	<ul style="list-style-type: none"> <li>605, 606, 611, 612, 613, 625, 626, 630.</li> </ul> <p>See page 26.</p>

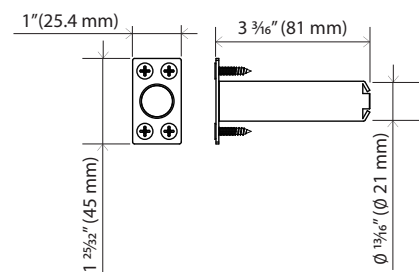
## Dimensions



Body Size



Rub Plate Size



Fire Bolt Size

# Manual Flush Bolts





## Manual Flush Bolts. Controls.

Switching the lever/snib upward to unlock, downward to lock; You now have access control of the inactive door in your fingers.

# Manual Flush Bolts Pivot Lever type

## Metal Door

 P/N. FB9530

**Top or Bottom Bolts**

- Up to 8' x 10' Metal Door Pairs.
- UL Listed 3 Hour Fire Rating.



 P/N. FB9531

**Top or Bottom Bolts**

- Up to 8' x 10' Wood Door Pairs.
- UL Listed 1-1/2 Hour Fire Rating.



### Cover Options

**A.** D type

**B.** Q type

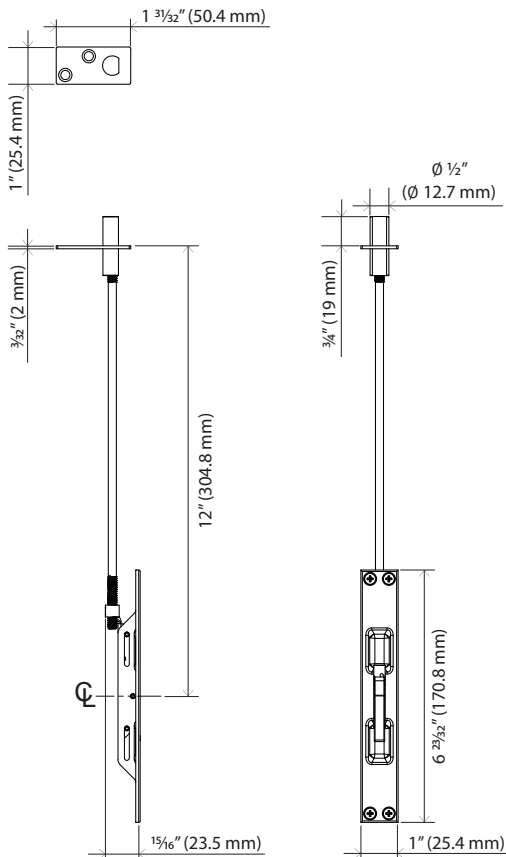


## Specifications

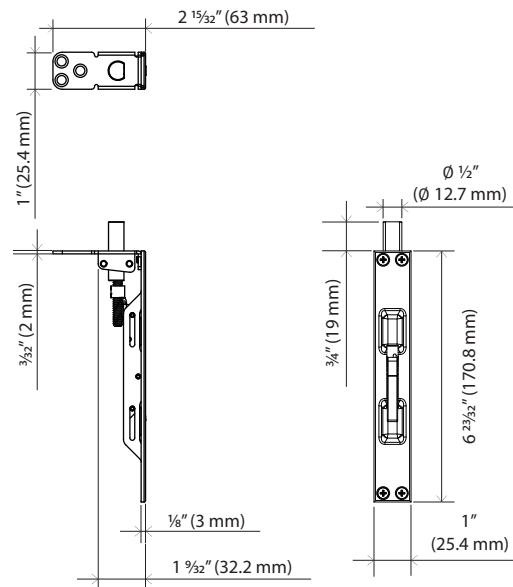
Certification/Compliance	<ul style="list-style-type: none"> <li>ANSI/BHMA A156.16 Grade 1.</li> <li>Conforms to ANSI/BHMA 156.16 , L04251, L04261.</li> </ul>
Features	<ul style="list-style-type: none"> <li>Ease of installation.</li> <li>Non-handed.</li> </ul>
Top and Bottom Bolts	<ul style="list-style-type: none"> <li>Bolts can be vertically adjusted up to 1" for floor variance or frame conditions.</li> <li>3/4" bolt throw and 3/4" backset.</li> <li>Bolt tip is 1/2" diameter.</li> </ul>
Strike	<ul style="list-style-type: none"> <li>95-2707 Strike standard.</li> <li>95-2705 or 95-2706 dust proof strike available.</li> <li>See page 25.</li> </ul>
Standard Rod length	<ul style="list-style-type: none"> <li>12" standard rod length measured from the center of the Flush Bolt body to the bolt tip. Optional 18", 24", 36" and 48" rod lengths available for top bolt only on non-fire rated openings.</li> </ul>
Doors & Preparations	<ul style="list-style-type: none"> <li>Fits standard ANSI/BHMA A156.115 (A115.4).</li> <li>Fits standard ANSI/BHMA A156.115W (A115.W5).</li> </ul>
Finishes	<ul style="list-style-type: none"> <li>605, 606, 611, 612, 613, 625, 626, 630.</li> </ul> <p>See page 26.</p>

## Dimensions

FB9530



FB9531



Body Size

Body Size

# Manual Flush Bolts Slider snib type

P/N. FB95410

Top or Bottom Bolts



## Bolts

- 1" bolt throw.
- 1/2" backset.
- Bolt tip is 1/2" diameter.

## Strike

- 95-2707 Strike standard, see page 25.

P/N. FB95411

Top or Bottom Bolts



## Bolts

- 3/4" bolt throw.
- 1/2" backset.
- Bolt tip is 5/16" diameter.

## Strike

- 95-2709 Strike standard, see page 25.

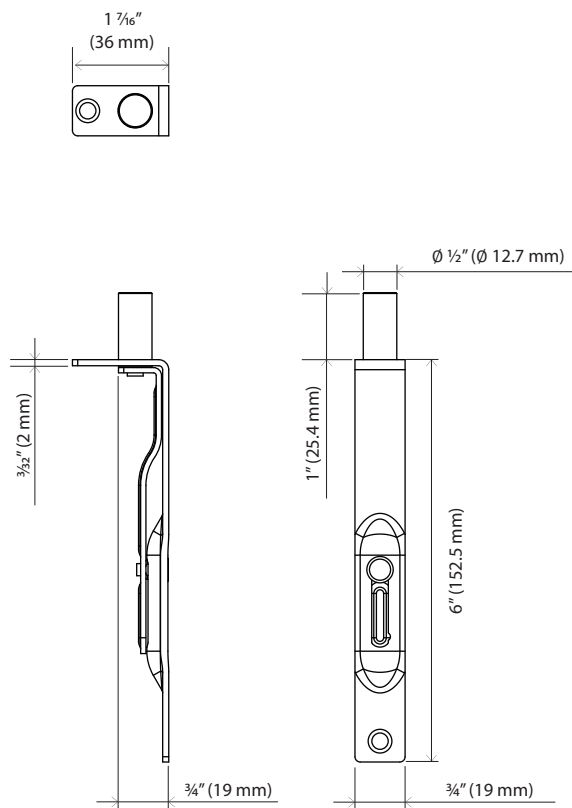


## Specifications

Certification/Compliance	<ul style="list-style-type: none"> <li>ANSI/BHMA A156.16 Grade 1.</li> <li>Conforms to ANSI/BHMA 156.16 , L04201.</li> </ul>
Features	<ul style="list-style-type: none"> <li>Position holding for bolt projection and retraction.</li> <li>Non-handed.</li> </ul>
Finishes	<ul style="list-style-type: none"> <li>605, 606, 611, 612, 613, 625, 626, 630.</li> </ul> <p>See page 22.</p>

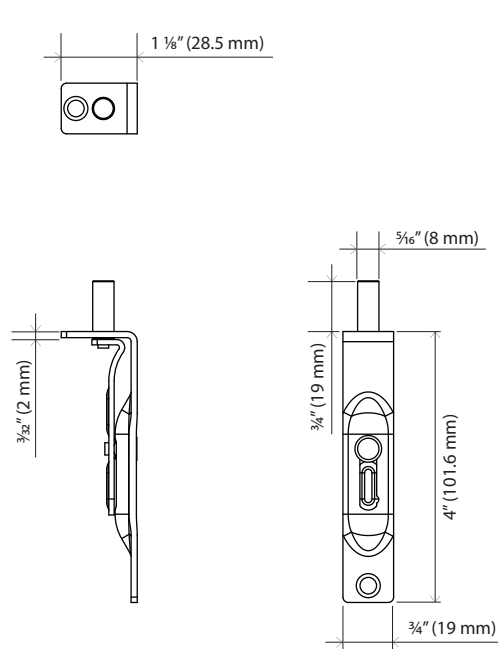
## Dimensions

FB95410



Body Size

FB95411



Body Size

# Strikes

## Certification/Compliance

Conforms to ANSI/BHMA 156.16, L04011 and L04021.

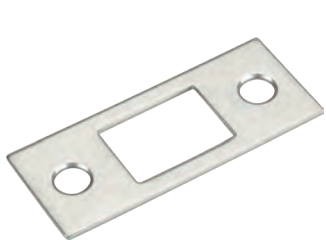
## Features

Spring-loaded plunger returns to floor or threshold level anytime the Flush Bolt is retracted, removing the need of cleaning standard floor strikes.

## Finishes

605,606,611,612,613,625,626,630.

## Standard Strikes



### P/N. 95-2701

Standard furnished for Automatic Flush Bolt  
15/16" Wide x 2-1/4" Long x 1/16" Thick



### P/N. 95-2702

Standard furnished for Self-Latching Flush Bolt  
1-1/8" Wide x 2-3/4" Long x 1/16" Thick



### P/N. 95-2708

Standard furnished for Manual Flush Bolt  
15/16" Wide x 2-1/4" Long x 1/16" Thick



### P/N. 95-2707

Standard furnished for Manual Flush Bolt  
7/8" Wide x 1-3/4" Long x 1/16" Thick



### P/N. 95-2709

Standard furnished for Manual Flush Bolt  
5/8" Wide x 1-1/2" Long x 1/16" Thick



## Dust Proof Strikes (Optional)

The Dust Proof Strike is designed to prevent dust and debris from accumulating in the floor strike. It is compatible with all types of bottom Flush Bolts.



### P/N. 95-2705

Body Size: 1-1/8" Diameter x 2-1/8" Deep

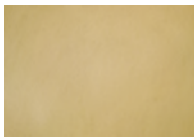
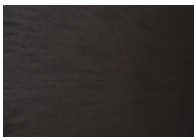




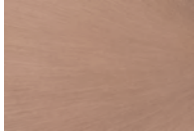

### P/N. 95-2706

Body Size: 1-1/8" Diameter x 2-1/8" Deep

Face Plate Size: 1-5/8" Wide x 3-1/2" Long x 3/32" Thick

## Finishes

A wide selection of finishes are available to match with your door and other hardware.

Color		ANSI/BHMA	US	Color		ANSI/BHMA	US
	Polished Brass	605	3		Dark Oxidized Satin Bronze	613	10B
	Satin Brass	606	4		Polished Chrome	625	26
	Polished Bronze	611	9		Satin Chrome	626	26D
	Satin Bronze	612	10		Satin Stainless Steel	630	32D

# How to Order

Device

Ordering example

FB95

1

0

P

605

A

Series

FB95

Model

1 Automatic

3 Manual Pivot Lever

2 Self-Latching

4 Manual Slider snib

Door Material

0 for Metal Door

1 for Wood Door

Descriptions

P Pair

F Top Bolt with Fire Bolt

T Top Bolt Only

R Top Bolt with Fire Bolt and Retrofit Plate

B Bottom Bolt Only

0~1 Dimension type (for slider button only)

Finish (see page 26)

605 (US3)

611 (US9)

613 (US10B)

626 (US26D)

606 (US4)

612 (US10)

625 (US26)

630 (US32D)

Bottom Strikes (Optional) (see page 26)

A 95-2705

B 95-2706

Model	Descriptions	Double Door			
		Metal Door		Wood Door	
Automatic	Top and Bottom Bolts (Pair)	FB9510P	3 Hour 8' x 10'	FB9511P	1-1/2 Hour 8' x 10'
	Top Bolt Only	FB9510T	—	FB9511T	—
	Bottom Bolt Only	FB9510B	—	FB9511B	—
	Top Bolt with Auxiliary Fire Bolt	FB9510F	3 Hour 8' x 10'	FB9511F	20 Minutes 8' x 10'
	Top Bolt with Fire Bolt and Retrofit Plate	FB9510R	3 Hour 8' x 10'	N/A	—
Self-Latching	Top and Bottom Bolts (Pair)	FB9520P	3 Hour 8' x 10'	FB9521P	1-1/2 Hour 8' x 10'
	Top Bolt Only	FB9520T	—	FB9521T	—
	Top Bolt with Auxiliary Fire Bolt	FB9520F	3 Hour 8' x 10'	FB9521F	20 Minutes 8' x 10'
	Top Bolt with Fire Bolt and Retrofit Plate	FB9520R	3 Hour 8' x 10'	N/A	—
Manual	Top and Bottom Bolts	FB9530	3 Hour 8' x 10'	FB9531	1-1/2 Hour 8' x 10'

## Warranty

Klacci ("Company") warrants to the original purchaser ("Purchaser") that the products manufactured and provided under the Klacci® brand shall be free of defects in material and workmanship under normal use and service as follows: (a) mechanical locks for 5 years; (b) electrified products for 1 year, and (c) finishes for 1 year. The Purchaser shall be obligated to store, transport, install, maintain and operate the products in accordance with good practice and reasonable maintenance works, and has followed specific instructions from the Company. Furthermore, the cost incurred in removing and installing a replacement product is not included in the warranty. Upon return of a defective product, Klacci may repair or replace the product.

The present warranty does not cover:

1. Scratches, abrasions, deterioration due to the use of paints, solvents and other chemicals.
2. Normal wear and tear.
3. Lack of proper maintenance.
4. Abuse or any damage caused by improper installation, sabotage or misuse of the product.
5. Improper storage, shipping and handling.
6. Failure to follow instructions or guidelines provided by the Company.

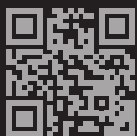
Klacci makes no representations or warranties concerning any modification or installation along with other brand products that can potentially impact its intended operation or cause malfunction. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please follow its installation instructions accordingly or consult with a code specialist or local code official (authority having jurisdiction) to ensure compliance with all applicable codes and ratings.

Note:

- The warranty becomes effective from the date of shipment.

Contents in this catalog are for reference and illustration only. Shipments subject to actual productions. Please consult factory for final discretion. These products and systems are under patent protection, counterfeiting not allowed.





[www.klacci.com](http://www.klacci.com)

#### Headquarters and Operation Office

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