



## The Original 456

With models to suit both inward and outward opening folding doors, French doors and sliding door applications, the Brio®456 features a low profile design that reduces the depth of rebate and retains strength of the timber stile.

The 456 distinctive square-cut-top makes this a classic look for traditional joinery and is available in non-locking and locking where extra security is required. Specially designed to be used on folding door systems, its low-profile design means the key can be left in situ without risk of damage to adjacent stiles.

The 456 features a stainless steel bolt with a 20mm throw housed in an extruded brass body, available in satin nickel, polished nickel and PVD Brass. PVD Brass offers a classic lacquered brass look with improved corrosion resistance.

Three lengths are available; 190mm, 450mm and 600mm to cover a wide range of door heights. A dedicated plunge router bit simplifies installation and ensures a perfect result every time.

**Min door thickness:** 35mm

**Flush Bolt lengths:** 190mm, 450mm and 600mm

**Throw length:** 20mm

**Security:** Locking and non-locking

**Finishes:** Satin Nickel (SN), PVD Brass (PVDB), Polished Nickel (PN)

**Application:** Folding doors, French doors and Sliding doors



## A Modern Classic 456R

The Brio®456R is a variation of the original 456, utilising the same proven technology with the addition of a round-cut top.

Ideally suited to modern machining operations, the rebate can be machined in a single router operation, saving valuable installation time.

As with the 456, the 456R is available in satin nickel, polished nickel or PVD Brass with the addition of PVD black. With this range of finishes and sleek contemporary design, the 456R is the flush bolt to suit virtually any interior.

**Min door thickness:** 35mm

**Flush Bolt lengths:** 190mm, 450mm and 600mm

**Throw length:** 20mm

**Security:** Locking and non-locking

**Finishes:** Satin Nickel (SN), PVD Brass (PVDB), Polished Nickel (PN), PVD Black (PVDR)

**Application:** Folding doors, French doors and Sliding doors



## Designed To Suit 360

Developed specifically for timber window installations, the Brio®360 is a brass-bodied design that incorporates all the features of the larger 456 flush bolt.

At just 110mm x 24mm in size, and only 9mm thick, the 360 is ideally suited to the smaller stiles of modern window designs. A 300mm long version is available for those hard to reach window applications.

In round-top only, the 360 is simple to install, fitted to the sash by just two screws that pass through the centre of the body and shoot bolt. As with all Brio® flush bolts, a dedicated router is available to ensure an exact fit.

With the same range of finishes as the 456 and locking options, the 360 offers complete flexibility and long-term performance.

In addition, the innovative 360RK round shoot bolt retainer has been specifically designed to stylishly finish off Weatherfold Window Sery 20 applications that have flush bolts locking into granite bench tops.

For inward opening window applications the 360N offset version is available.

**Min Sash thickness:** 35mm  
**Flush Bolt lengths:** 110mm and 300mm  
**Throw length:** 20mm  
**Security:** Locking and non-locking  
**Finishes:** Satin Nickel (SN), PVD Brass (PVDB), Polished Nickel (PN)  
**Application:** Folding, Casement, Awning and Sliding windows



## The Total Package 512

The Brio® 512 is the all-new fully stainless steel flush bolt, designed specifically for aluminium doors.

The 512 has a low air infiltration and water ingress making it ideal for windows and doors. In addition, the 316 cast stainless steel body provides high corrosion resistance, even in coastal locations.

Installation of the 512 is simple. The new flush bolt is fitted from the inside of the aluminium section, minimising the amount the product protrudes from the surface. On the outside, the satin stainless steel finish maintains the style and appearance of the Brio® flush bolt range.

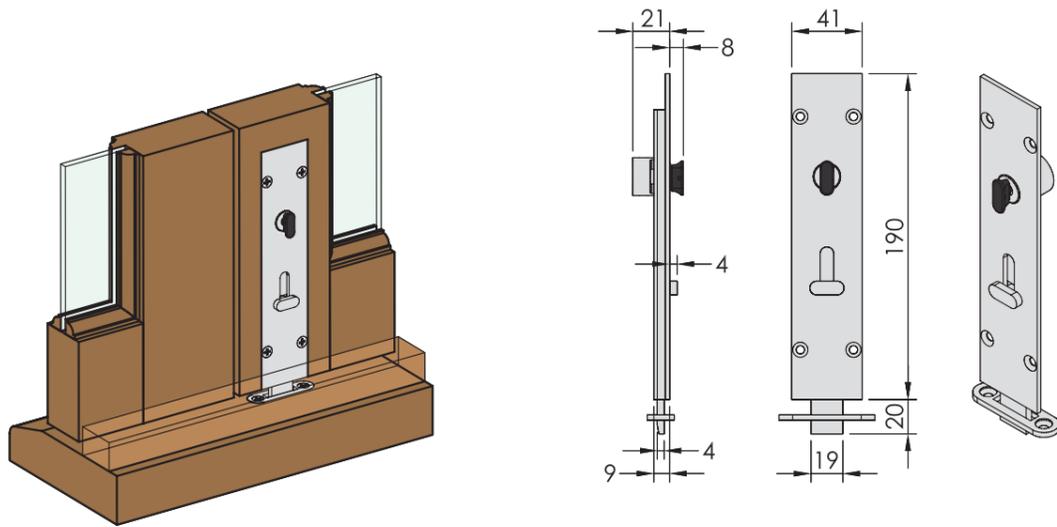
Available in both locking and non locking, with a choice of 400mm, 600mm and 900mm lengths, the 512 achieves a sleek, professional look and completes the Weatherfold Coastal Elite systems.

**Min Sash thickness:** 35mm  
**Flush Bolt lengths:** 400mm, 600mm and 900mm  
**Throw length:** 20mm  
**Security:** Locking and non-locking  
**Finishes:** Satin Stainless Steel (SS)  
**Accessories:** 512FSS Fascia Plate  
**Application:** Aluminium folding and French doors

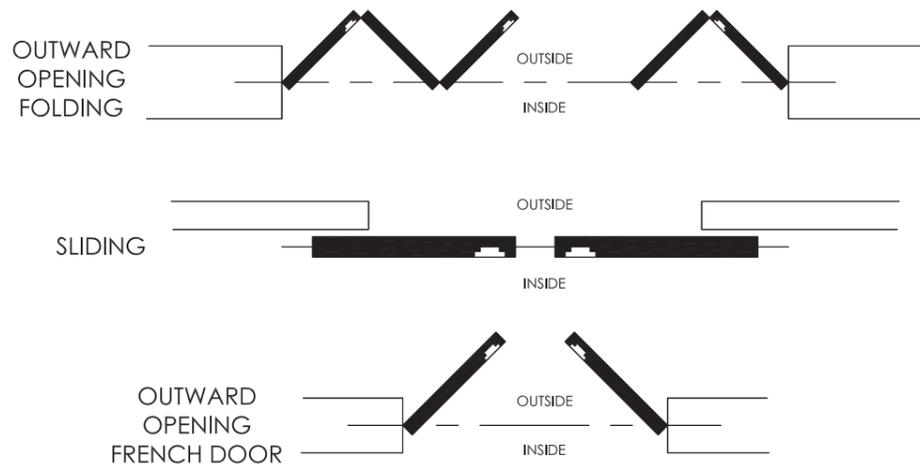


# Architectural Details

## 456 and 456E Flush Bolts

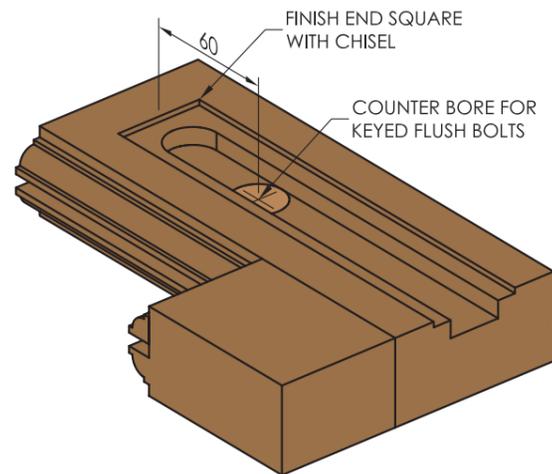
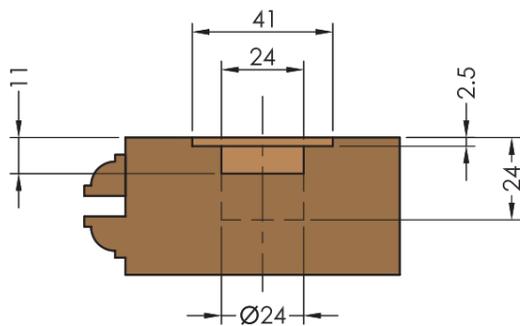


**APPLICATIONS** - Flush bolt locations in some typical configurations



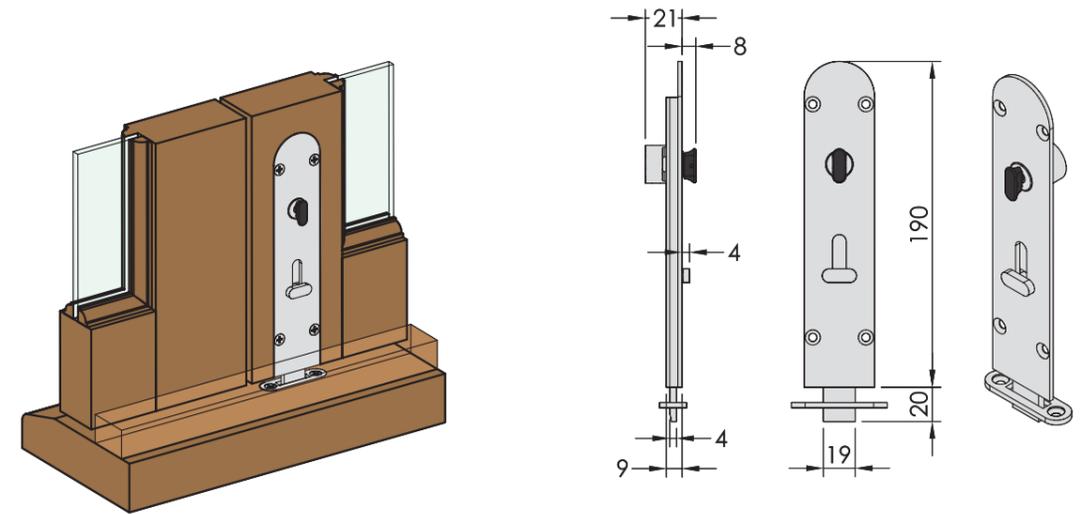
### INSTALLATION

1. Cut slot with router bit.
2. Square up top corners with chisel.
3. Cut counter bore if keyed type.
4. Fit flush bolt to door.
5. Fit keeper plate.

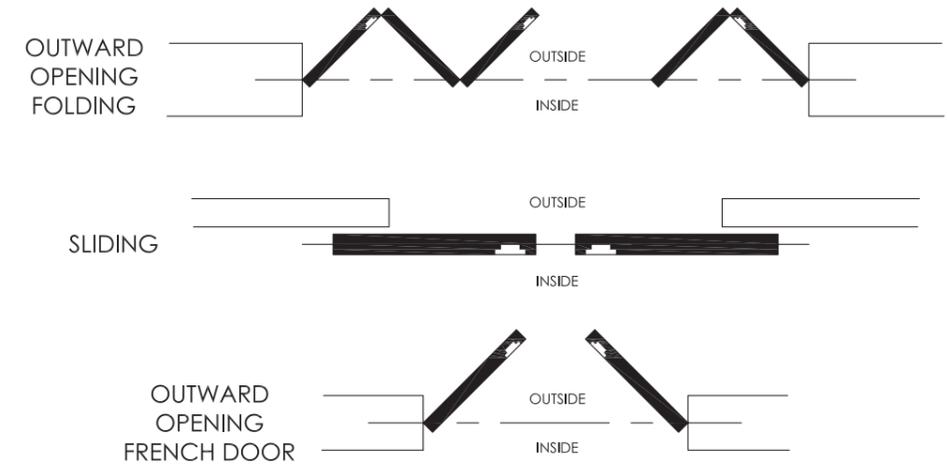


# Architectural Details

## 456R and 456RE Flush Bolts

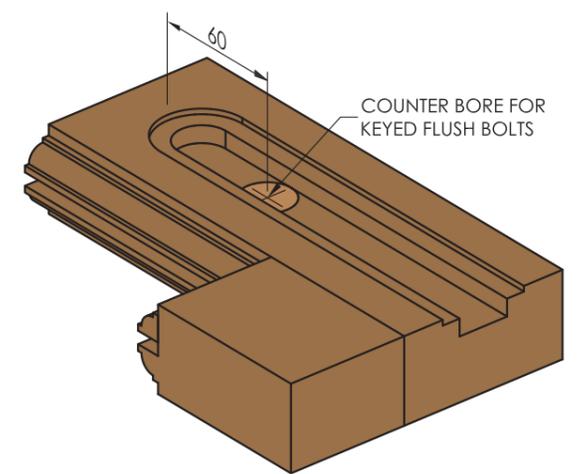
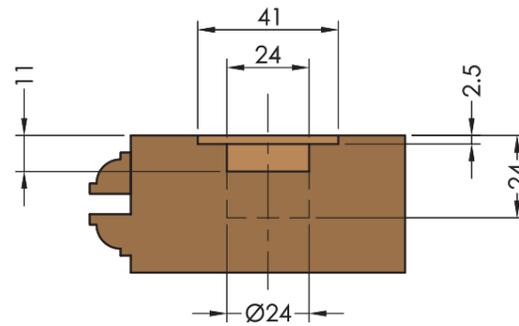


**APPLICATIONS** - Flush bolt locations in some typical configurations.



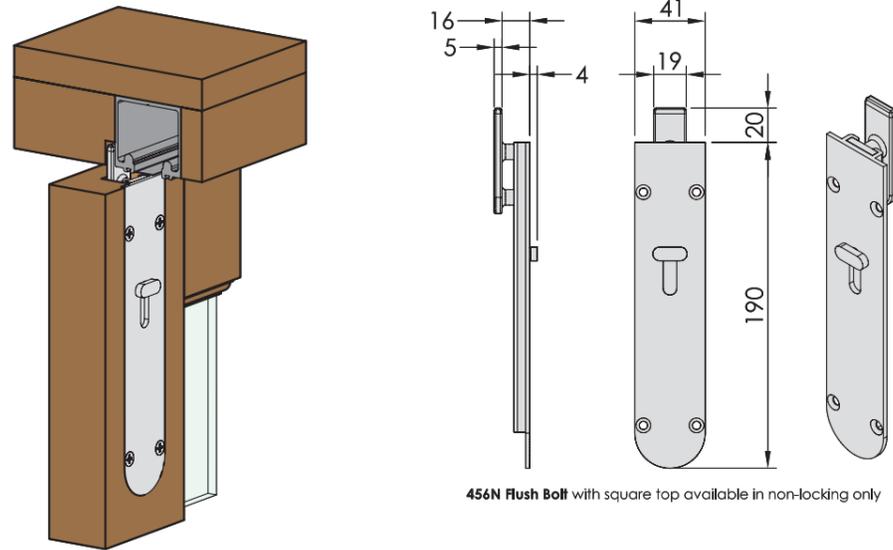
### INSTALLATION

1. Cut slot with router bit.
2. Cut counter bore if keyed type.
3. Fit flush bolt to door.
4. Fit keeper plate.



# Architectural Details

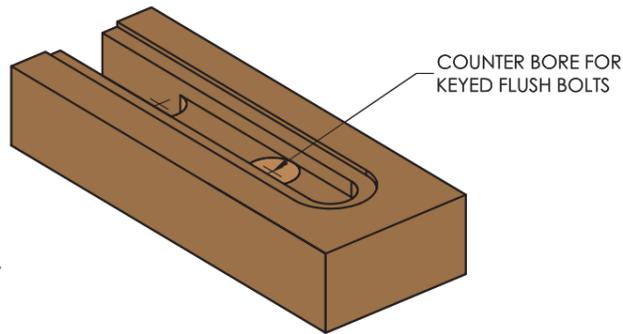
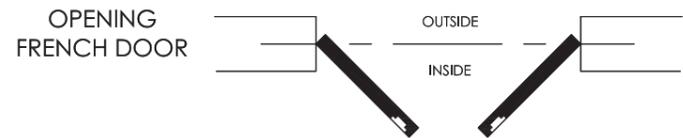
## 456RN and 456REN Offset Flush Bolts



**APPLICATIONS** - Flush bolt locations in some typical configurations

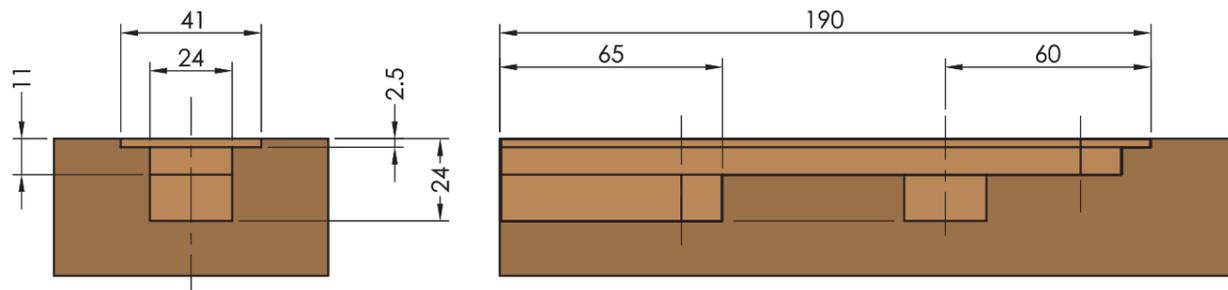


456RN & 456N Are fitted to the top of the door on inward opening folding applications only.



### INSTALLATION

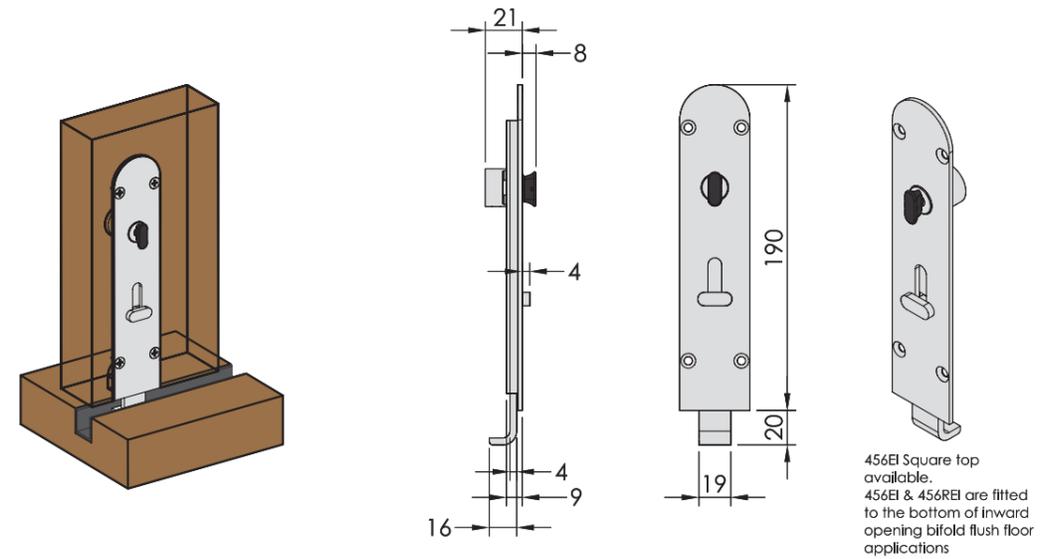
1. Cut slot with router bit.
2. Cut counter bore if keyed type.
3. Fit flush bolt to door.



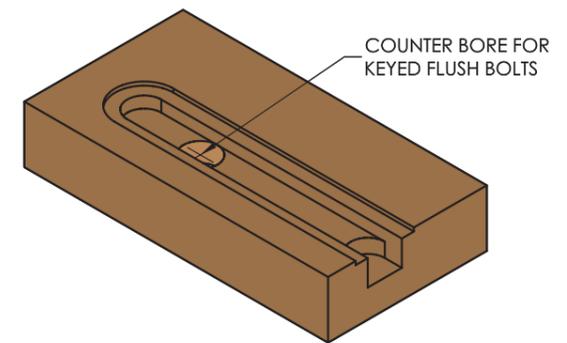
# Architectural Details

## 456RI and 456REI Inward Opening Flush Bolts

(For use on inward opening folding system with no rebate stop)

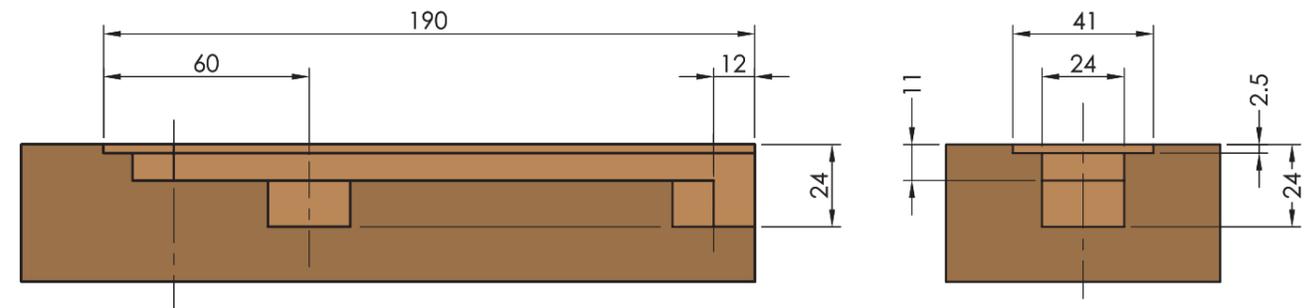


**APPLICATIONS** - Flush bolt locations in a typical inward opening configuration



### INSTALLATION

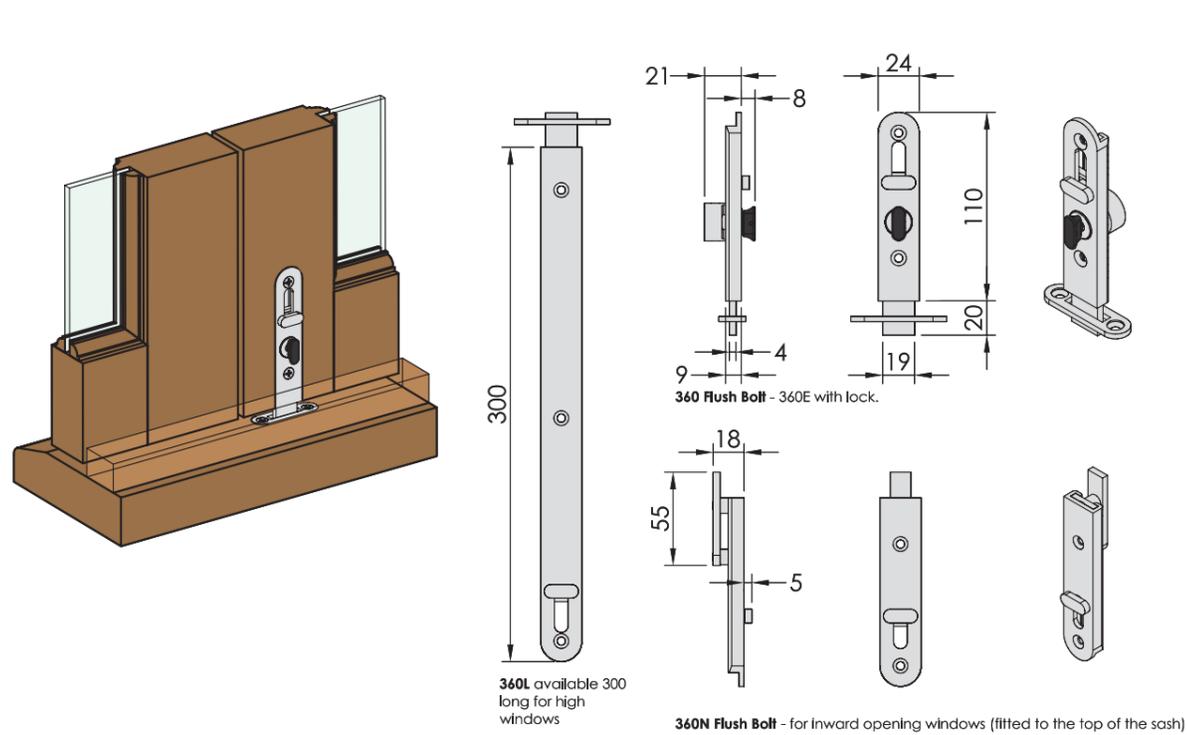
1. Cut slot with router bit.
2. Cut counter bore if keyed type.
3. Fit flush bolt to door.



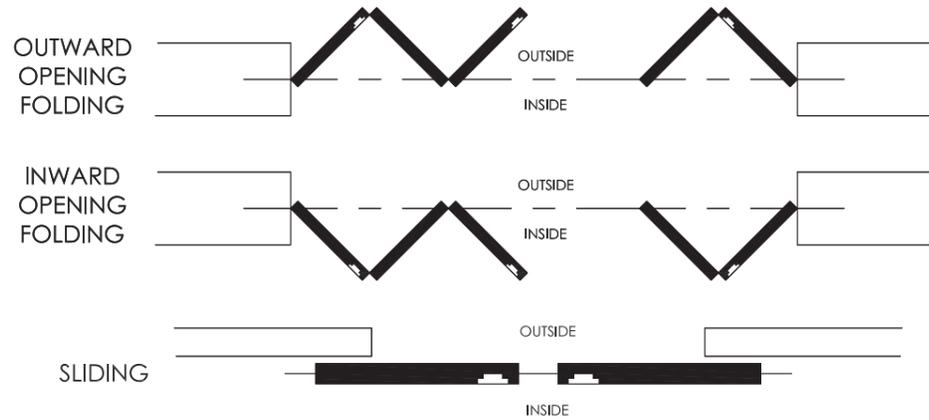
# Architectural Details

## 360 and 360E Flush Bolts

For folding and sliding windows

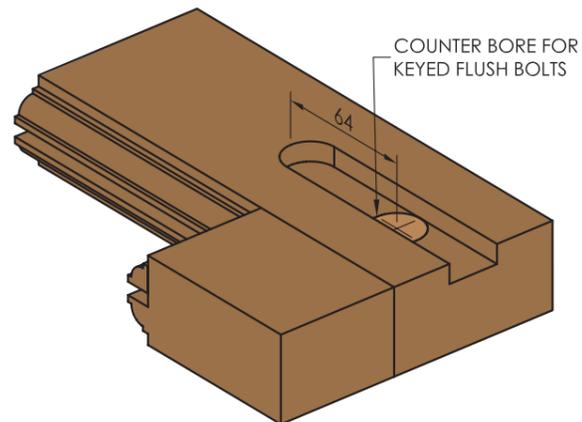
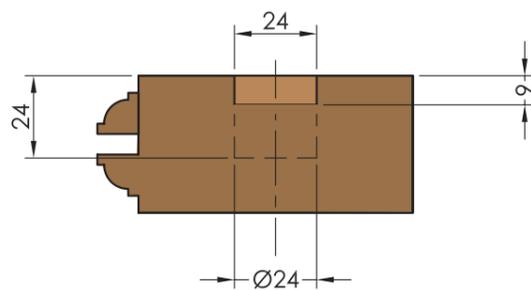


### APPLICATIONS



### INSTALLATION

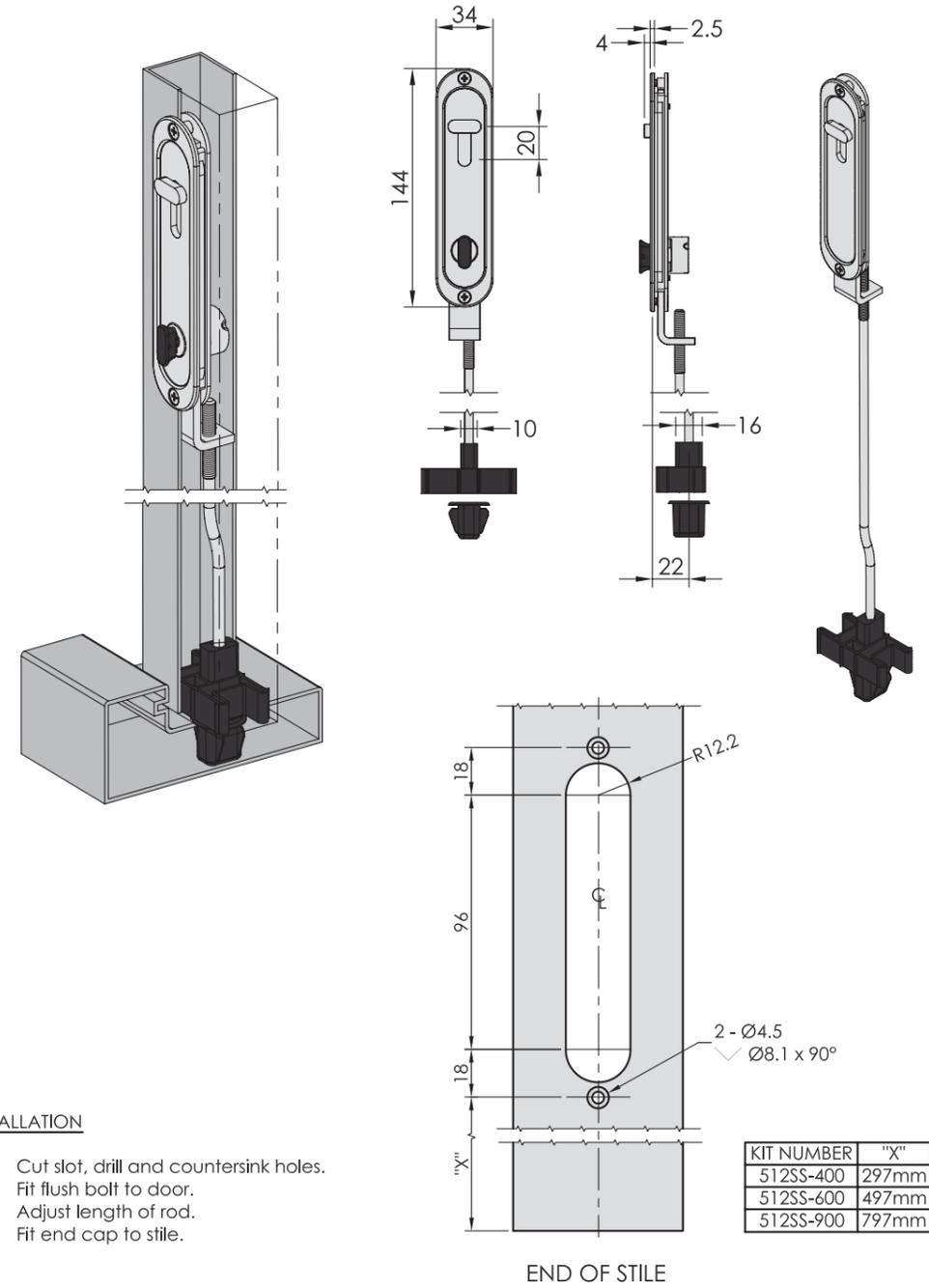
1. Cut slot with router bit.
2. Cut counter bore if keyed type.
3. Fit flush bolt to sash.
4. Fit keeper plate.



# Architectural Details

## 512 and 512E Flush Bolts

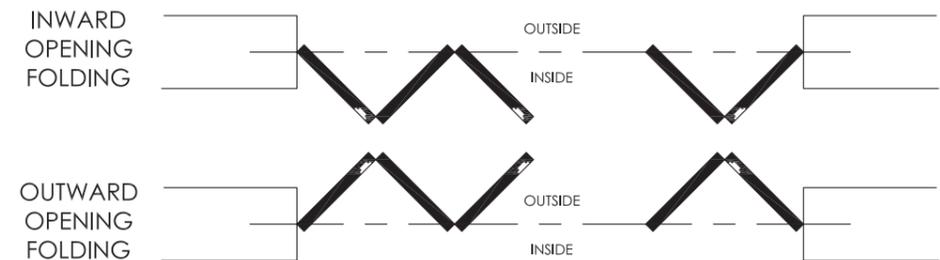
For folding aluminium doors and frames



### INSTALLATION

1. Cut slot, drill and countersink holes.
2. Fit flush bolt to door.
3. Adjust length of rod.
4. Fit end cap to stile.

### APPLICATIONS - Flush bolt locations in a typical opening configurations.



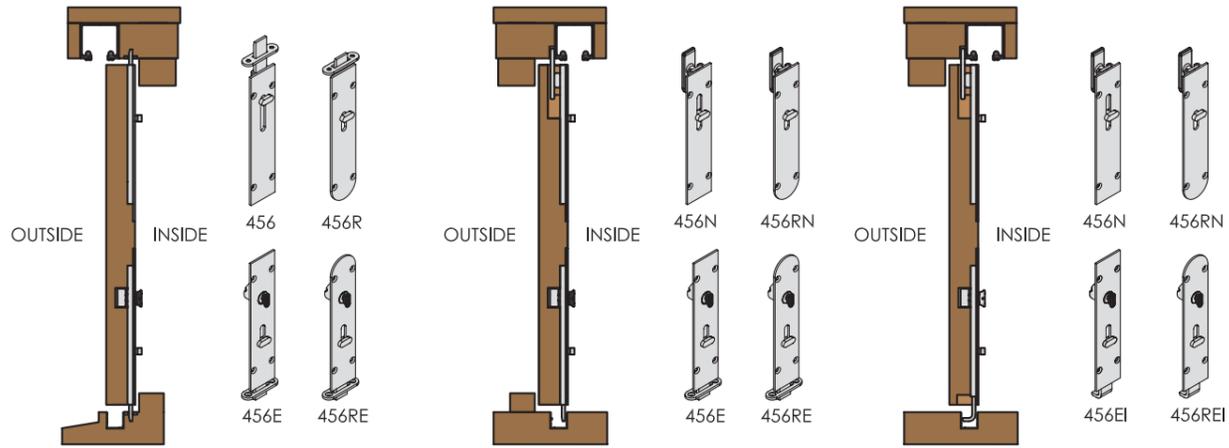
# Flush Bolt Selection Guide

## For Folding Doors, Windows & French Door Applications

### Weatherfold Coastal Elite Folding Doors

OUTWARD OPENING

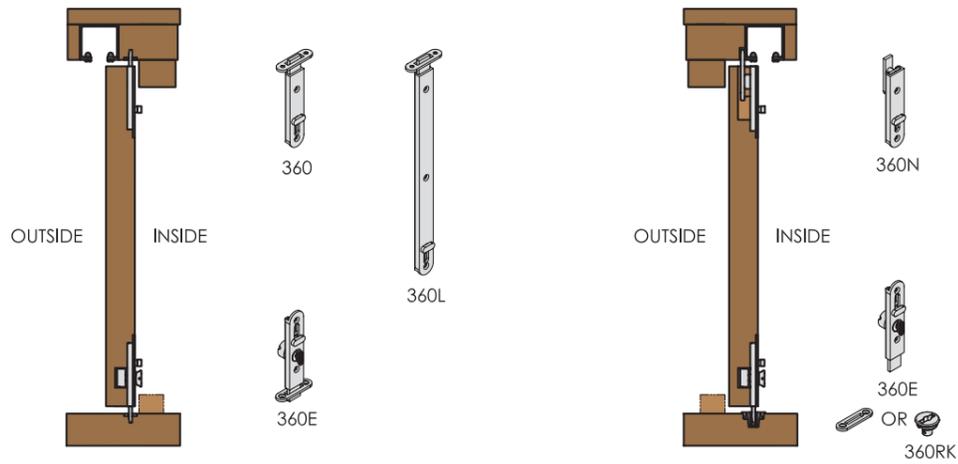
INWARD OPENING



### Weatherfold Window 20 / Servedy 20 Folding Windows

OUTWARD OPENING

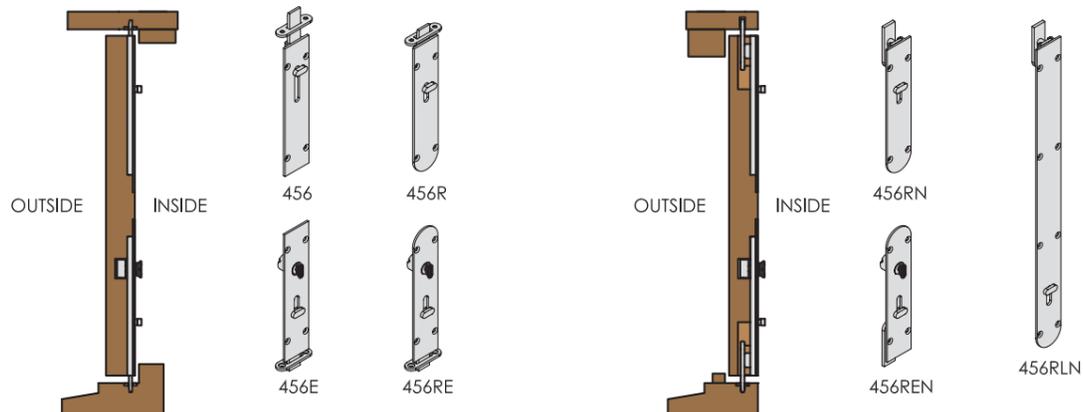
INWARD OPENING



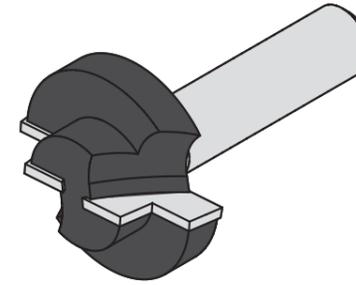
### French Doors

OUTWARD OPENING

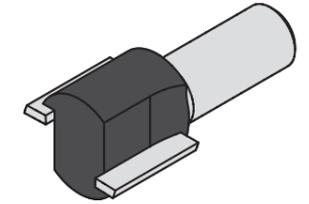
INWARD OPENING



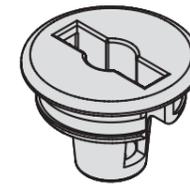
# Flush Bolt Range Accessories



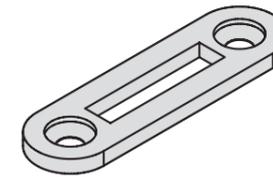
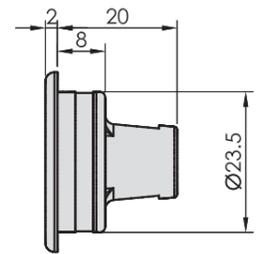
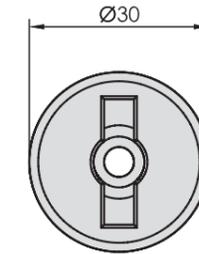
456 Router Bit - For timber doors



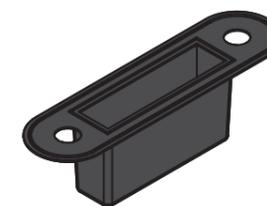
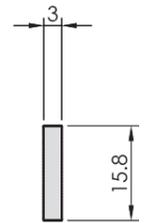
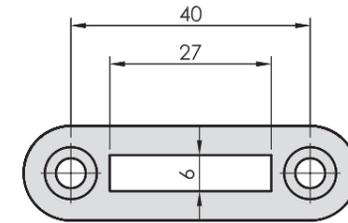
360 Router Bit - For timber doors



360RK Masonry Keeper - Stainless Steel - in Titanium Gold, Satin & Polished Stainless



456RK Keeper Plate - Stainless Steel - in Titanium Gold, Satin & Polished Nickel



456-DB Dust Box - Black Nylon

