

# Basswood & Cedar Shutters



## Introduction

Basswood and Cedar Shutters may be used for a variety of reasons: visibility and airflow, controlling the amount of sunlight that enters a room, privacy, security and the ability to enhance the aesthetics of a building or terrace access adding to practicality and mood of any interior. Window Treatment's traditional European styled Basswood & Cedar shutters are an aesthetically pleasing and versatile window management system. Cedar is recognized for its natural beauty, rich colour, durability, insulating properties and acoustics. Basswood is a hardwood which is durable, lightweight and has a fine straight grain material with an even texture, consistent colour and low resin content. Both Cedar and Basswood have good finishing properties which accept oil based paint and exterior stain for long lasting finishes.

Basswood & Cedar Shutters can be either fixed permanently in place, hinged, bi-fold or sliding depending on your preference and application. Louvres can be adjustable or fixed within the shutter frame. Full height shutters are made with a mid-rail which separates the upper and lower portions of the shutter, with operable louver shutters this gives greater control as the louvres above the mid-rail can be operated independently from the louvres below the mid-rail. A tilt bar is used for adjusting louver position and to keep louvres in uniform position. Alternatively a clear view metal tilt rod is placed on the reverse side of the shutter allowing you to adjust all louvres position by tilting one louver. This also allows for cleaner lines on the front of the shutter and helps to decrease light gap measurements on sliding shutter applications.



## Quick Glance

Type		Basswood	Cedar
<b>Louvres</b>	Louvre Size	47.6mm (Aerofoil only), 64mm, 89mm, 114mm (Flat Blade or Aerofoil)	68mm (Flat blade), 68mm, 90mm (Aerofoil)
<b>Tilt Bar</b>	Tilt Bar Position Clear View	Centre, Left or Right Yes	Centre, Left or Right Yes
<b>Style</b>	Hinged Bi-fold Straight Sliding Fixed Louvres (ventilated) Fixed Louvres (non-ventilated) Special Shape Shutters	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes
<b>Stile Options</b>	Square Rabbet D-mould	Yes Yes Yes	Yes Yes Yes
<b>Hardware</b>	Tracking Systems Hardware	Yes Yes	Yes Yes
<b>Frame Options</b>	Stiles Mid-rail Light Stop Hang Strips L Frames Z Frames T Post U Channel Corner Post	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Painted Only Yes Painted Only Painted Only
<b>Finish</b>	Stained Oiled Lacquered Painted Powder coated	Yes No No Yes No	No Yes Yes Yes No

SPECIFICATIONS



# Basswood & Cedar Shutters

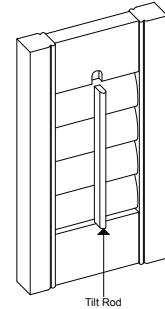
- Tilt Rod, Louvre Size, Louvre Style,

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## Tilt Rod Control Position:

### Plantation

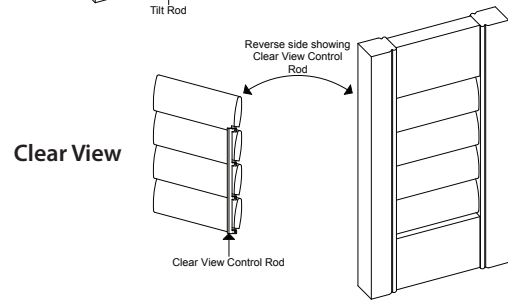
Standard position for the tilt bar control on Plantation shutters is centred within the frame. Alternatively, the tilt bar can be positioned off-centred left or right. The off-centred option is mainly used for bi-fold panels to allow the panels to fold onto each other without hitting the tilt bar. A tilt rod (in conjunction with a hooked push pole) is also used for high/out of reach and special shaped shutters.



Plantation

### Clear View

The Clear View control option for Basswood and Cedar shutters is a metal tilt rod rebated into the side of the louvre blade on the reverse side of the panel. This allows for cleaner lines and a clear view through the shutter once the louvres are opened or closed. The standard Clear View tilt bar position is on the hinged stile side of the louvre blades. The Clear View option is also used for sliding shutter applications as this decreases light gap measurements and allows each shutter panel to sit closer to one another reducing the depth of the shutters when stacked.



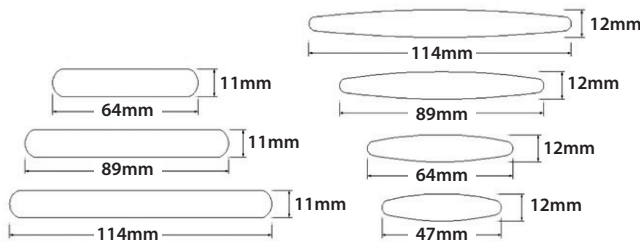
Clear View

## Louvre Size and Tensioning Screw

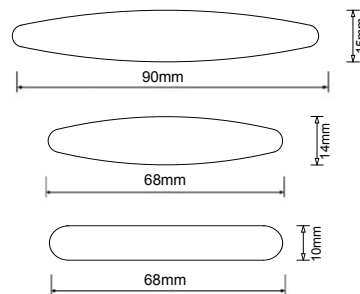
Various size louvres are available with a choice of two profiles. The first is an areofoil blade which is elliptical in shape (i.e. thicker in the middle and tapered to the front and back). An aerofoil louvre is stronger than the alternative traditional flat blade 68mm louvre. Note Flat blade is not available in 50mm louvre size.

For Basswood shutters, we have a unique tensioning screw which is used to adjust the tension of the louvres. This comes into its own specifically for full height shutters where adjusting the tensioning screw allows the movement of louvres with ease.

### Basswood Louvre Widths

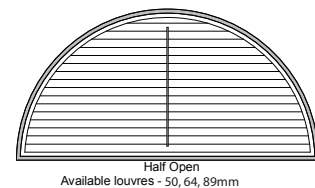
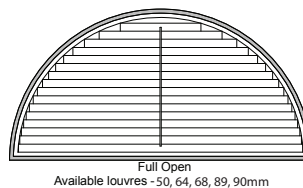
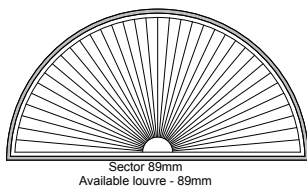


### Cedar Louvre Widths



## Louvre Style for Special Shape Shutters

For Basswood and Cedar special shape shutters, Window Treatments supplies 3 louvre style options. Note Flat blade is not available in 50mm louvre size.



Type	Option	Available Louvre Size
Basswood	Sector 89	89mm
	Full Open	50mm, 64mm, 89mm
	Half Open	50mm, 64mm, 89mm

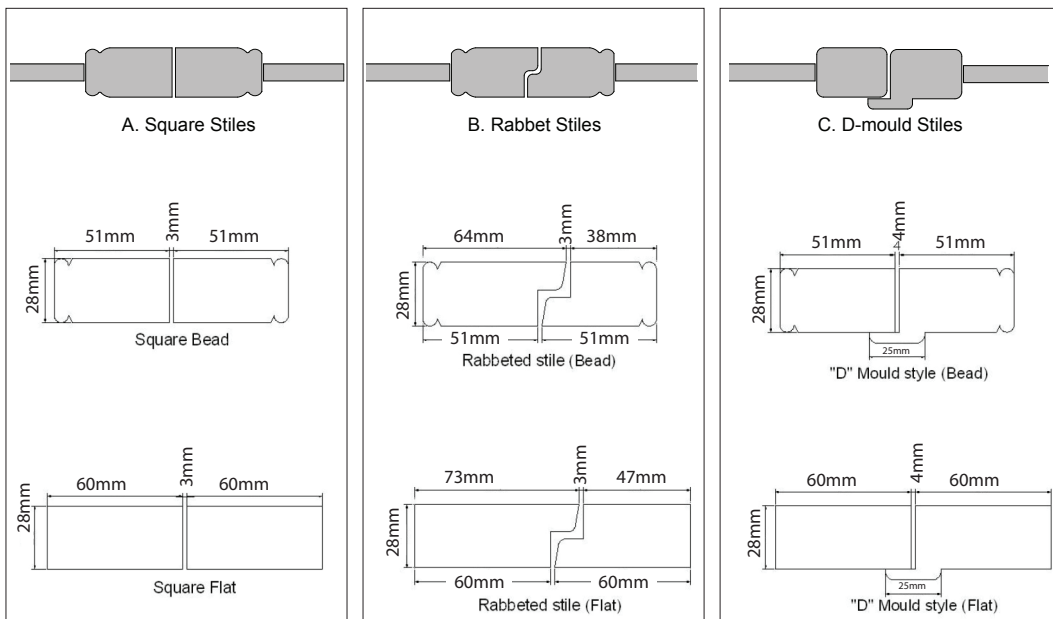
Type	Option	Available Louvre Size
Cedar	Full Open	68mm, 90mm

# Basswood & Cedar Shutters

## Stile options

### Stiles

Window Treatments supplies 3 stile options: Square, Rabbet, and D-mould. For light gaps, Rabbet or D-mould stiles are used to provide a light block where two panels overlap or interlock.



**Please Note:** If there is only one panel then only square stile is available. When the shutter has 2 panels connected with hinges, all stile options are available.

*Square stile (Flat)*



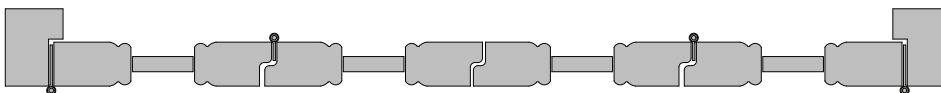
*Square Stile (Bead)*



*Square Stiles (Bead)*



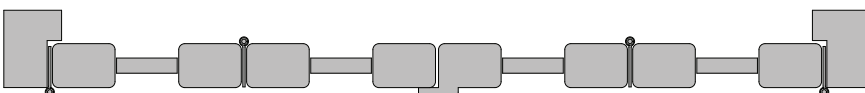
*Square & Rabbet Stiles*



*Square Stile*



*Square & D-mould*



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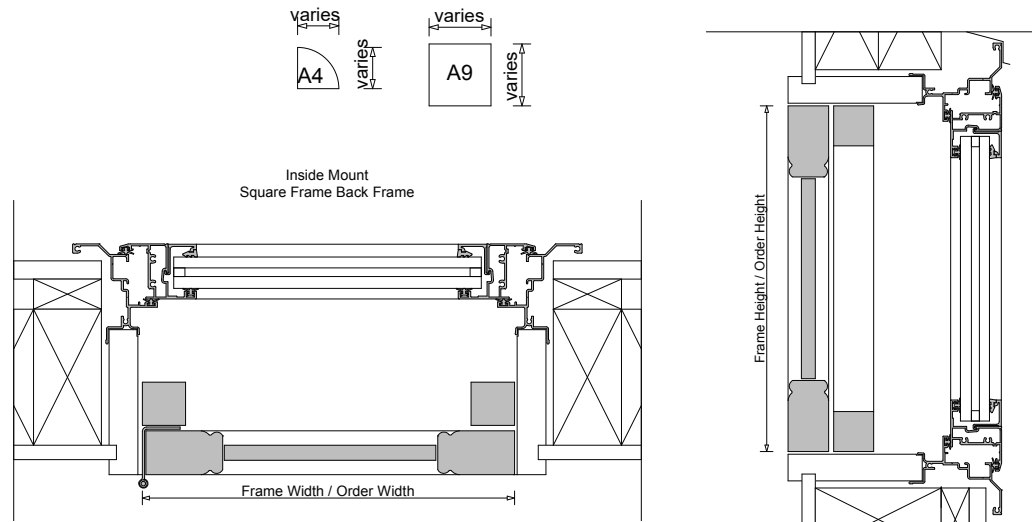
# Basswood & Cedar Shutters

- Light stop & Mount types, Square frames & Mount types

SPECIFICATIONS

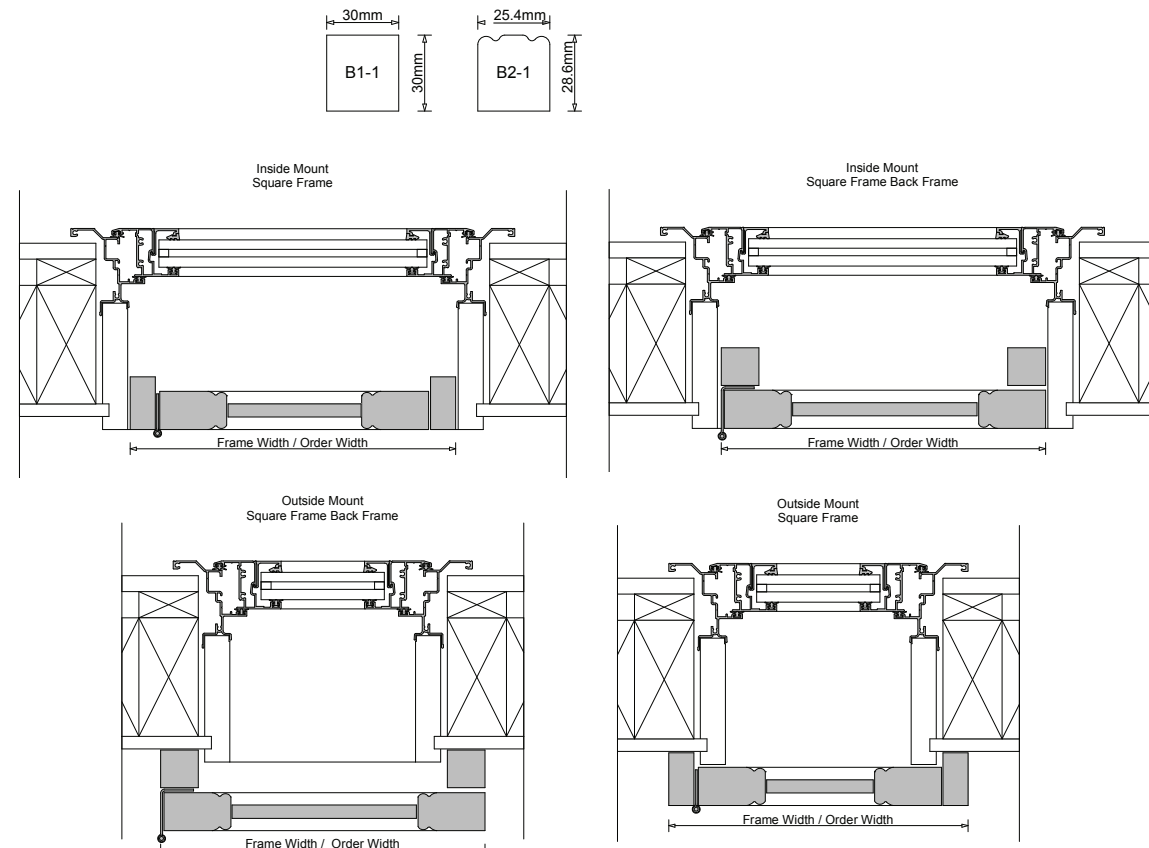
## Light Stop

Shutter Type	Type	Frame Options	Benefit
Basswood or Cedar	Light Stop	A4, A9,	Provides a light block where panels are hinged.



## Square Frame

Shutter Type	Type	Frame Options	Benefit
Basswood or Cedar	Square Frame	B1-1 Standard, B2-1 Beaded	2 Style options are available: Standard and Beaded. Our Standard square frame is best suited to an outside mount application. Our Beaded square frame is best suited to an inside mount application. Using our Standard square frame with a Steadman hinge allows you to protrude the panel past the window opening, giving the ability to hang the shutter panel square in the frame.

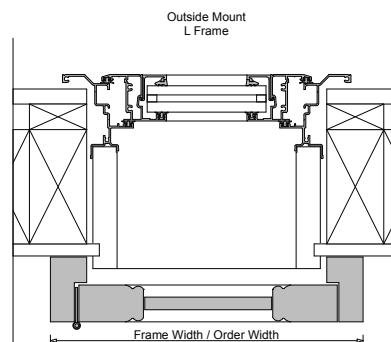
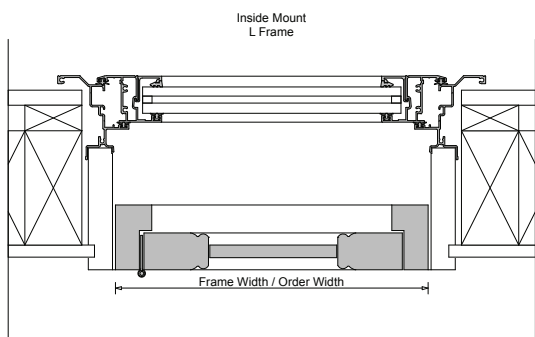
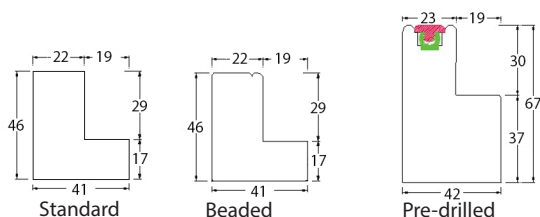


# Basswood & Cedar Shutters

## L Frames & Mount types, T-Posts & Mount types

### L Frame

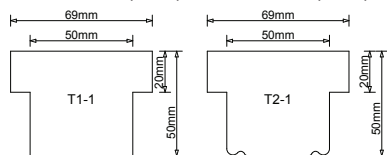
Shutter Type	Type	Frame Options	Benefit
Basswood or Cedar	L Frame	Standard, Beaded, Pre-drilled	L Frames are used to provide hanging options for single and multiple panels for outside and inside mount applications using a Butt or Steadman hinge. Using Standard and Beaded L Frames with a Steadman hinge allows you to protrude panel past window opening. This gives you the ability to hang the shutter panel square in the frame and closes light gap for flush mounted hinges. Ideal when there is no architrave in the opening.



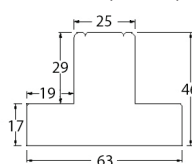
### T Post

Shutter Type	Type	Frame Options	Benefit
Basswood or Cedar	T Post	T1-1 Standard (wide), T2-1 Beaded (wide), Standard (narrow), Beaded (narrow)	T Posts are used to provide hanging options for single and multiple panels for outside and inside mount applications using a Butt hinge. They give you the ability to hang the shutter panel square in the frame. The T Post closes the light gap for flush mounted hinges. Ideal when there is no architrave in the opening.

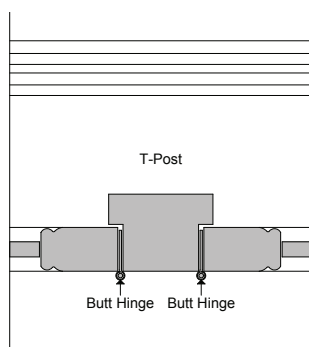
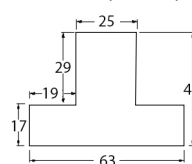
T1-1 Standard (wide)    T2-1 Beaded (wide)



Beaded (narrow)



Standard (narrow)



SPECIFICATIONS

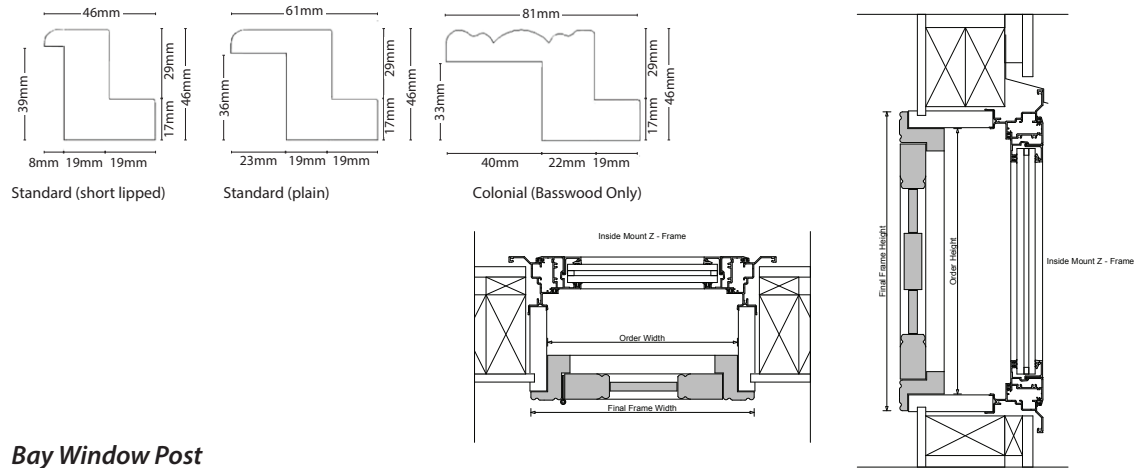
# Basswood & Cedar Shutters

## Z Frames, U Channel, Corner Post & Mount types

SPECIFICATIONS

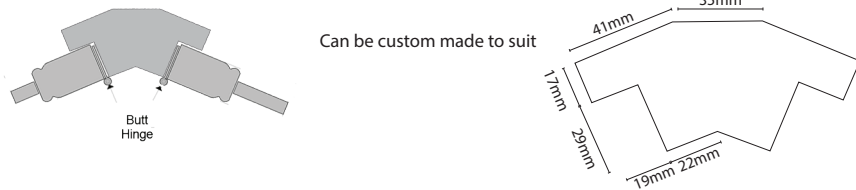
### Z Frame

Shutter Type	Type	Frame Options	Benefit
Basswood or Cedar	Z Frame	Standard (short lipped) Standard (plain) Colonial (Basswood only)	Z Frames are used to provide hanging options for single and multiple panels within an opening. Plumbing the window frame closes the light gap for flush mounted hinges. The Z frame wraps around the reveal edge, making it ideal for covering out-of-square windows. 2 style options are available: Standard or Colonial.



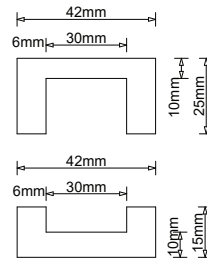
### Bay Window Post

Shutter Type	Type	Frame Options	Benefit
Basswood or Cedar	Bay Window Post	Bay Window Post	Bay Corner Posts are used to provide hanging options for single and multiple panels within a bay window application. Closes light gap for flush mounted hinges. Bay Window Posts are manufactured according to the size required for each installation.



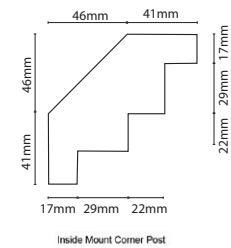
### U Channel

Shutter Type	Type	Frame Options	Benefit
Basswood or Cedar	U Channel	Top, Bottom	Top and bottom 'U Channels' are ideal for incline roof applications or when access to windows is not required. The louvres can open and close and the panel can easily be removed by lifting the shutter up into the top channel and out at the bottom. To refit the reverse applies.



### Corner Post

Shutter Type	Type	Frame Options	Benefit
Basswood or Cedar	Corner Post	CO-PO	Corner Posts are used to provide hanging options for single and multiple panels within a corner application. Closes light gap for flush mounted hinges. Corner Posts are manufactured according to the size required for each installation.



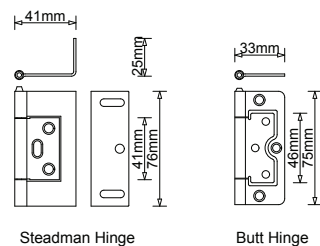
# Basswood & Cedar Shutters

## Panel types - Hinged, L Frame & T Post Hinged

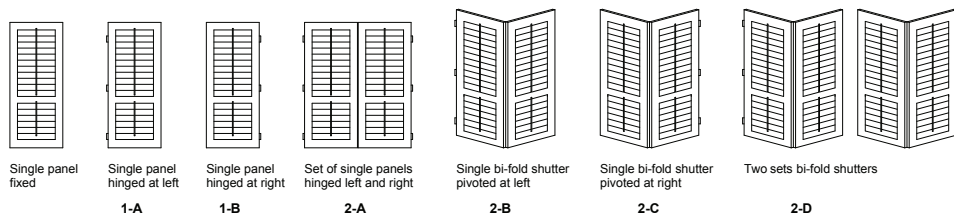
### Panel Types

Panel Types refers to the variations of each type of shutter: single panel fixed, single panel hinged, bi-folds, L Frame and T Post, straight sliding and bi-fold track variations.

The type of hinge used for a single panel, bi-fold, L Frame and T Post and for Rabbet stiles applications is a Butt hinge. However, if you require your panel to protrude past the window opening, a Steadman hinge is required hinged from a hang strip.



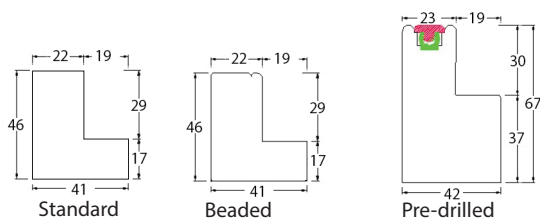
### Hinged



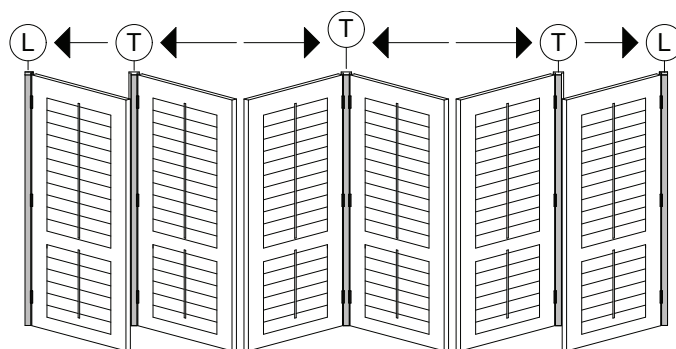
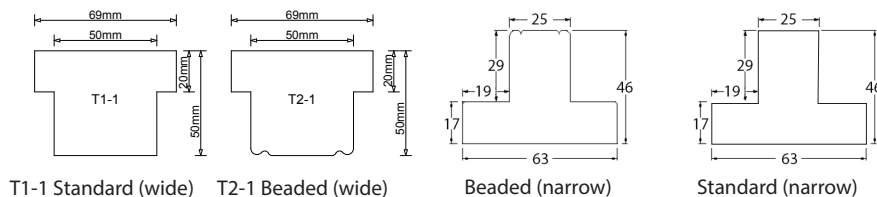
### L Frame and T Post Hinged

When tracks are not feasible, L Frame and T Posts are used to provide hanging options for single and multiple panels within an opening or outside the opening window.

#### Basswood & Cedar (L Frame)



#### Basswood & Cedar (T Post)



L Frame & T Post hinge options

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# Basswood & Cedar Shutters

## - Panel types - Hinged, L Frame & T Post Hinged - Contd.

### L Frame and T Post Hinged - cont.

#### Key

T means	Panel is hinged from a T Post or closes onto a T Post
L means	Panel is hinged from a L Frame or closes onto a L Frame
→ means	Panel direction to the right
← means	Panel direction to the left

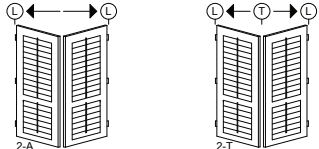
#### One Panel

Variations:



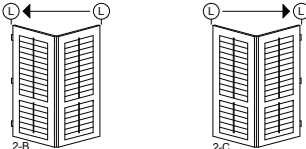
#### Two Panel - Individually Hinged

Variations:



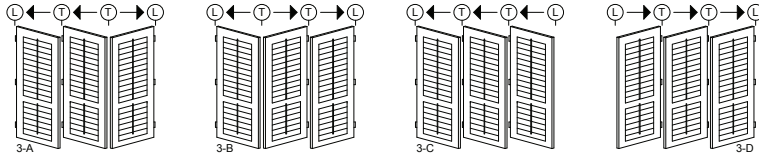
#### Two Panel - Bi-fold

Variations:



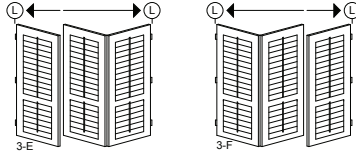
#### Three Panel - Individually Hinged

Variations:



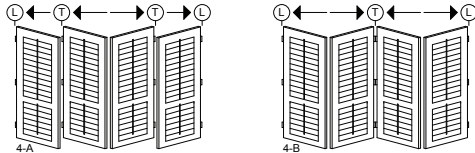
#### Three Panel - Bi-fold

Variations:



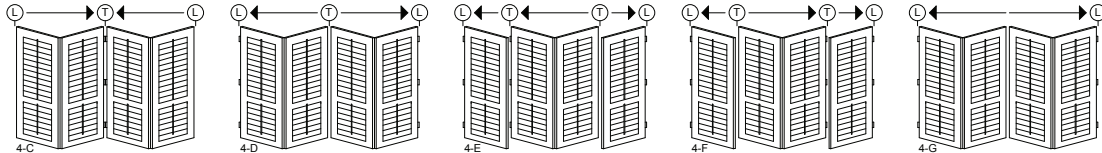
#### Four Panel - Individually Hinged

Variations:



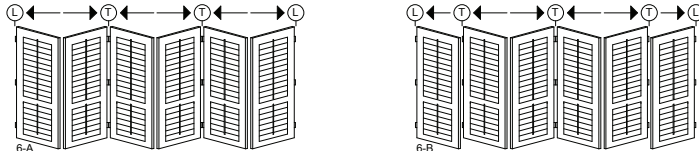
#### Four Panel - Bi-fold

Variations:



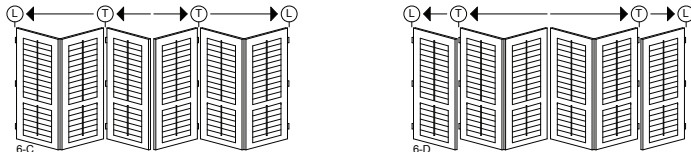
#### Six Panel - Individually Hinged

Variations:



#### Six Panel - Bi-fold

Variations:



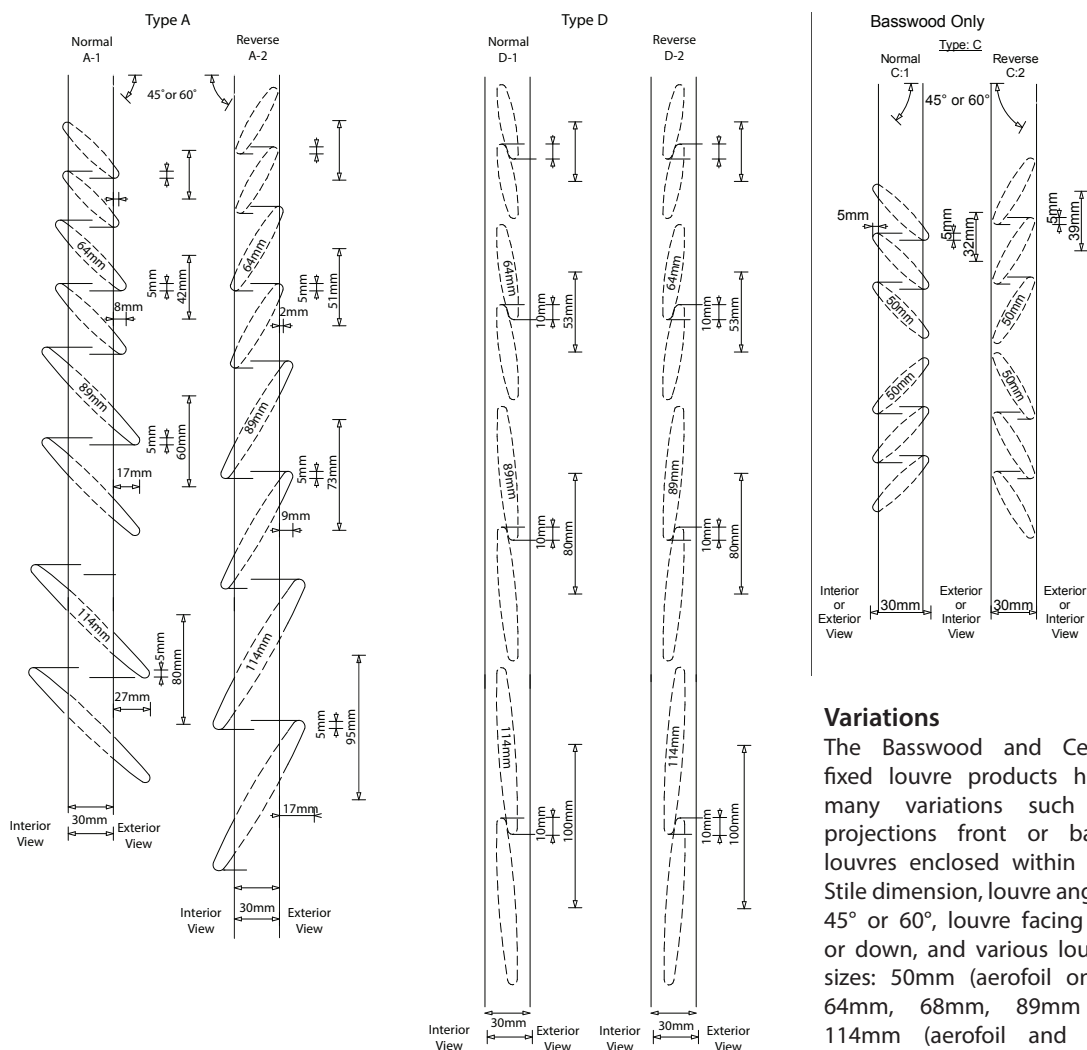


# Basswood & Cedar Shutters

## Fixed Shutters

### Fixed Shutters

Fixed louvres are permanently open (ventilated) or permanently shut (non-ventilated). Permanently open means that there is always ventilation while blocking line of sight. Fixed louvres may be employed for a variety of reasons: to control the amount of sunlight that enters a room, to provide privacy and security, protect against weather, unwanted intrusion or damage and to enhance the aesthetics of a building.



### Variations

The Basswood and Cedar fixed louvre products have many variations such as projections front or back, louvres enclosed within the Stile dimension, louvre angles 45° or 60°, louvre facing up or down, and various louvre sizes: 50mm (aerofoil only), 64mm, 68mm, 89mm & 114mm (aerofoil and flat blade).

SPECIFICATIONS

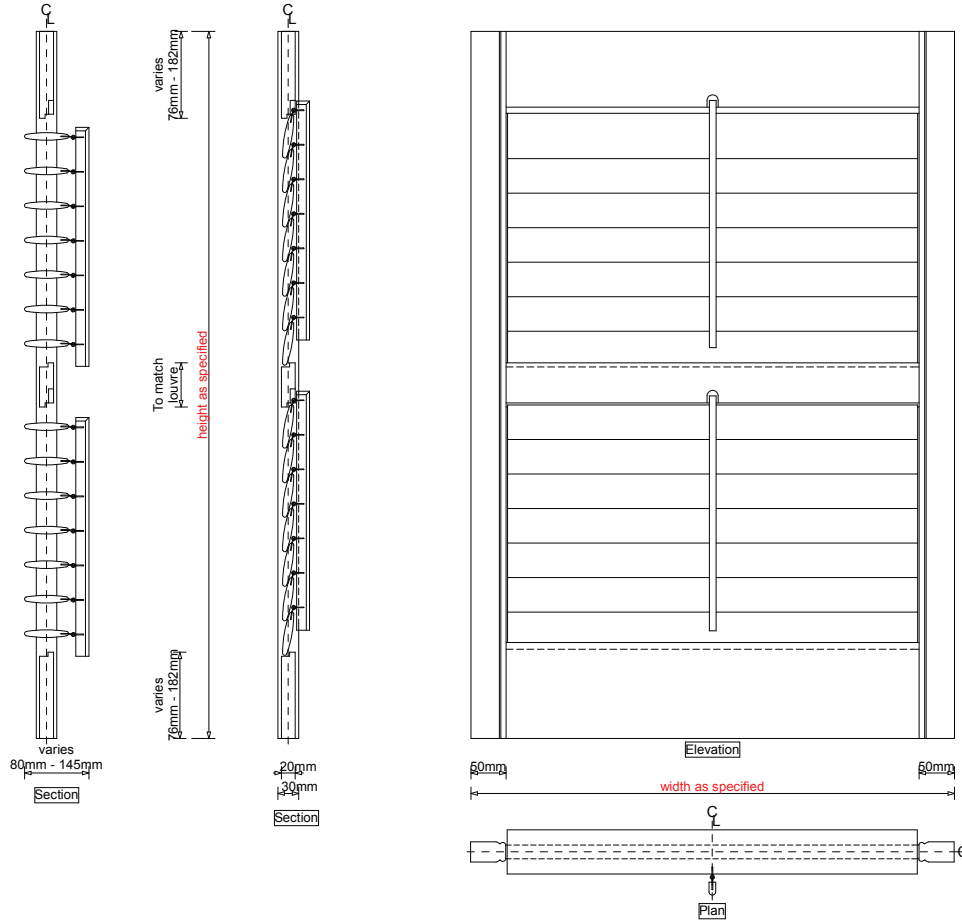
	Type A		Type C		Type D	
	Normal A-1	Reverse A-2	Normal C-1	Reverse C-2	Normal D-1	Reverse D-2
Stile (Basswood)	50 x 30mm	50 x 30mm	50 x 30mm	50 x 30mm	50 x 30mm	50 x 30mm
Stile (Cedar)	60 x 30mm	60 x 30mm			60 x 30mm	60 x 30mm
Louvres (Basswood)	50, 64, 89, 114mm	50, 64, 89, 114mm	50mm	50mm	50, 64, 89, 114mm	50, 64, 89, 114mm
Louvres (Basswood) Aerofoil	64, 89, 114mm	64, 89, 114mm			64, 89, 114mm	64, 89, 114mm
Louvres (Basswood) Flat Blade	68, 90mm	68, 90mm			68, 90mm	68, 90mm
Louvres (Cedar)	45° or 60°	45° or 60°	45° or 60°	45° or 60°	45° or 60°	45° or 60°
Angles	Normal	Reverse	Normal	Reverse	Normal	Reverse
Louvre Facing	0, 2, 9, 17mm	0, 2, 9, 17mm			0, 2, 9, 17mm	0, 2, 9, 17mm
Projection (Basswood)	8, 9, 17mm	0, 3, 9mm			8, 9, 17mm	0, 3, 9mm
Projection (Cedar)	Painted, Stained	Painted, Stained	Painted, Stained	Painted, Stained	Painted, Stained	Painted, Stained
Finish (Basswood)	Painted, Oiled or Lacquered	Painted, Oiled or Lacquered			Painted, Oiled or Lacquered	Painted, Oiled or Lacquered
Finish (Cedar)						
Note: For Flat blade louvres (both Basswood & Cedar) add 2mm to above Projection sizes						

# Basswood Shutters

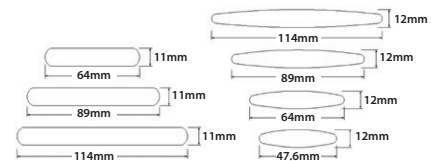
## Plantation Specifications

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### Basswood Plantation Specifications



Louvre Size		
Type	Size	Options
Louvre - Aerofoil	47.6mm x 12mm	Half Open, Fixed, Ventilated, Fixed Non-Ventilated
Louvre - Aerofoil	64mm x 12mm	" " " " " " " " " "
Louvre - Aerofoil	89mm x 12mm	" " " " " " " " " "
Louvre - Aerofoil	114mm x 12mm	" " " " " " " " " "
Louvre - Flat blade	64mm x 12mm	" " " " " " " " " "
Louvre - Flat blade	89mm x 12mm	" " " " " " " " " "
Louvre - Flat blade	114mm x 12mm	" " " " " " " " " "



Finish	
Type	Options
Stain	Nature, Oak, Rose, Mahogany, Black walnut, Desert, Ash, Gum-nut, Maple, Coffee bean, Black, or custom colour
Painted	White, Snow, Swiss coffee, Creamy, Butter, Super white, Pearl white, Eggshell, Pearl, Bristle half, Antique white, White on white or custom painted

Width & Height Hinged	
Type	Size
Maximum Width	900mm (Single Panel hinged)
Maximum Width	650mm (Bi-fold Panel)
Maximum Width	1000mm (Sliding or Fixed)
Minimum Width	250mm (Single Panel)
Minimum Height	260mm
Maximum Height	2800mm

Stile & Rails		
Type	Size	Options
Stile	50mm x 30mm Colonial	Square, Rabbet, D-mould
Top Rail	70mm - 160mm x 20mm (varies, depends on height of panel)	
Mid Rail	64, 90, 114mm x 20mm (varies, depends on Louvre size)	
Bottom Rail	70mm - 160mm x 20mm (varies, depends on height of panel)	
Tilt Bar	19mm x 12mm centred	Left, Centre, Right Clear View

Recess	
Size	Please Note:
100mm - 150mm	Varies, depending on louvre size. Size of 150mm based on 114mm louvre

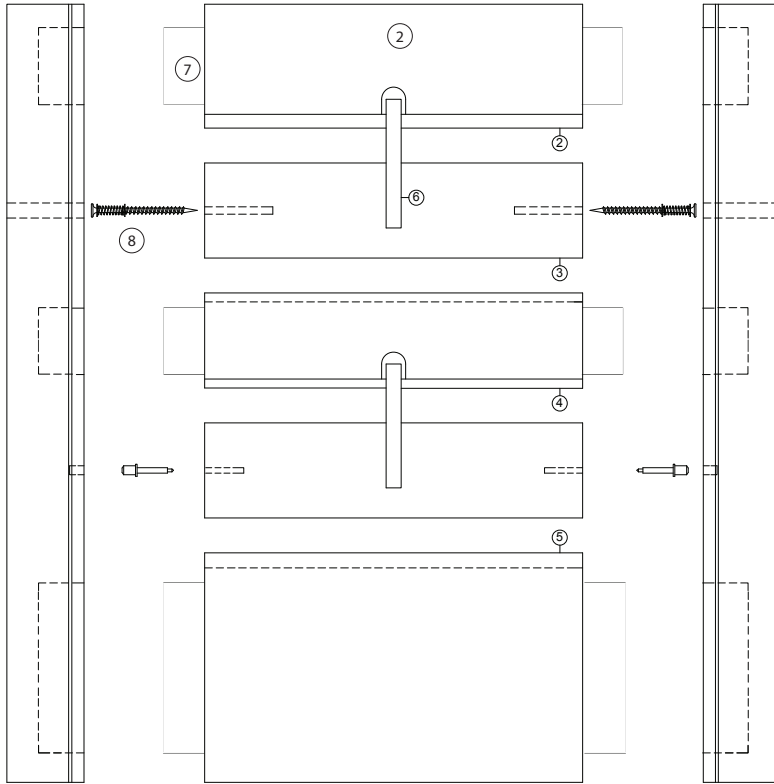
Construction	
Type	Size
Joints	Mortise and Tenon (Top, Middle, Bottom Rail)
Tension Screw & Spring for Louvre	8g x 70mm Wood Screw Stainless Steel
Louvre Dowels & Spring	Ø4 & Ø 6, 2 Plastic Dowels, Carbon Steel Spring
Eye Screw	Stainless Steel
Pin for Metal Tilt Rod	2g x 20mm, Brass
Clear View Tilt Rod	3mm x 14mm, Metal

Track Systems		
Type	Multi-fold 25	Single Run 60
Maximum Width	650mm per Panel (maximum 8 x Panels on each side)	900mm per Panel (maximum 6 x Panels on each track)
Maximum Height	3000mm	3000mm
Maximum Weight	25kg per Panel	60kg per Panel

# Basswood Shutters

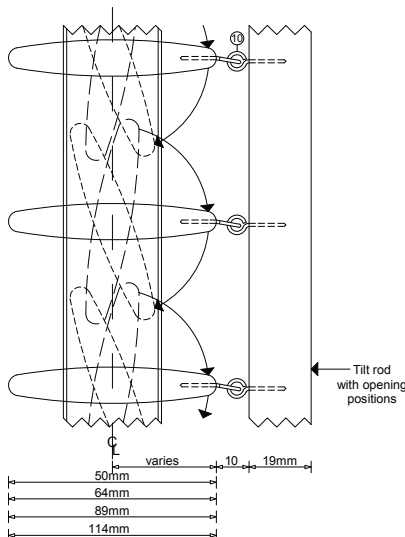
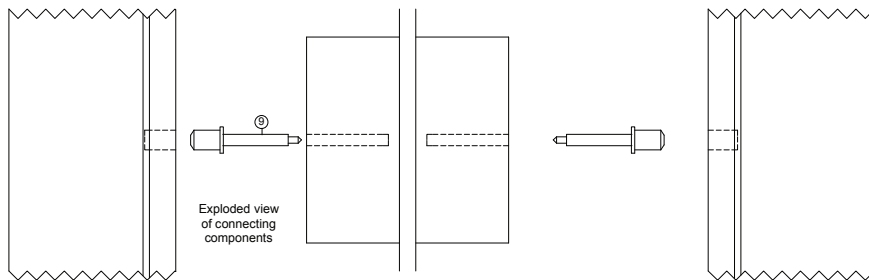
## Plantation Construction

### Basswood Plantation Construction



#### Component List

1. Stile
2. Top Rail
3. Louvre
4. Mid Rail
5. Bottom Rail
6. Tilt Bar
7. Mortise & Tenon joint
8. Tension Screw
9. Louvre Dowel
10. Eye Screw



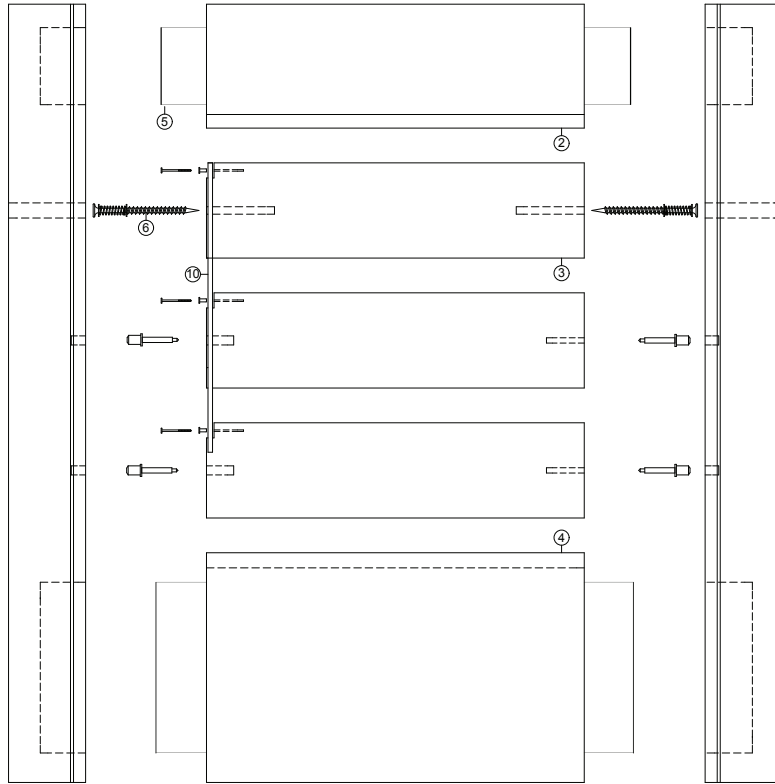
#### Construction

The Basswood shutter is constructed using a mortise and tenon joint to join the stiles, middle rail and bottom rail together as one frame. As the shutter height and rail size increase so does the size of the mortise and tenon joint. This strengthens, braces and prevents the frame from twisting, bowing or sagging. The louvres are mounted to the stile using the louvre dowel components, the tilt bar is then mounted to the louvres with the eye screws. The tension screw is then mounted through the stile into the louvre and tensioned. The mid rail must be used when the shutter is over 1800mm in height. This is designed to give greater strength to the shutter frame. The benefit of the mid rail option is that it allows the shutter louvres to have two sections at different angles for privacy, light and airflow. Maximum panel height for Basswood shutters with a mid rail is 2800mm, without a mid rail maximum height is 1800mm.

# Basswood Shutters

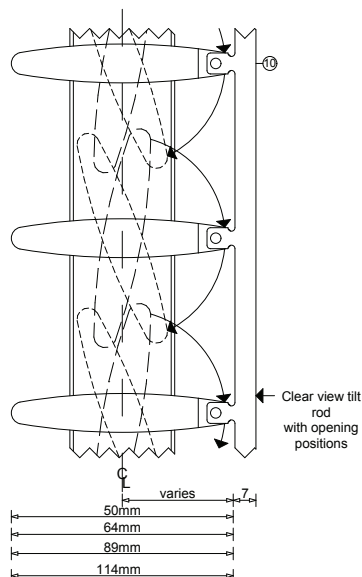
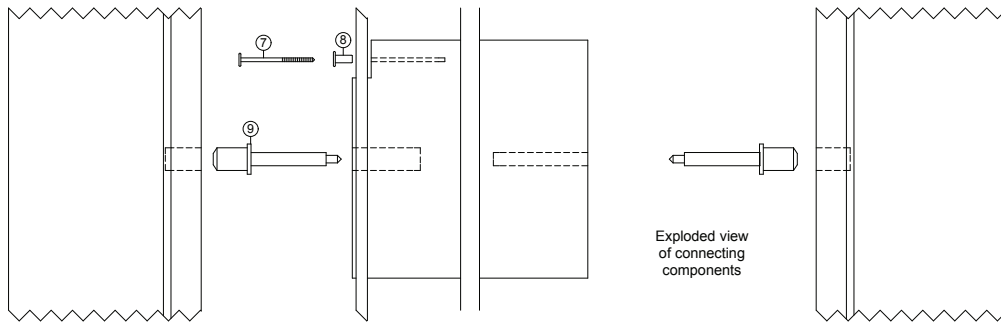
## Plantation Clear View Construction

### Basswood Clear View Construction



#### Component List

1. Stile
2. Top Rail
3. Louvre
4. Bottom Rail
5. Mortise & Tenon Joint
6. Tension Screw
7. SS Nail
8. SS Nut
9. LouvreDowel
10. Clear View Aluminium



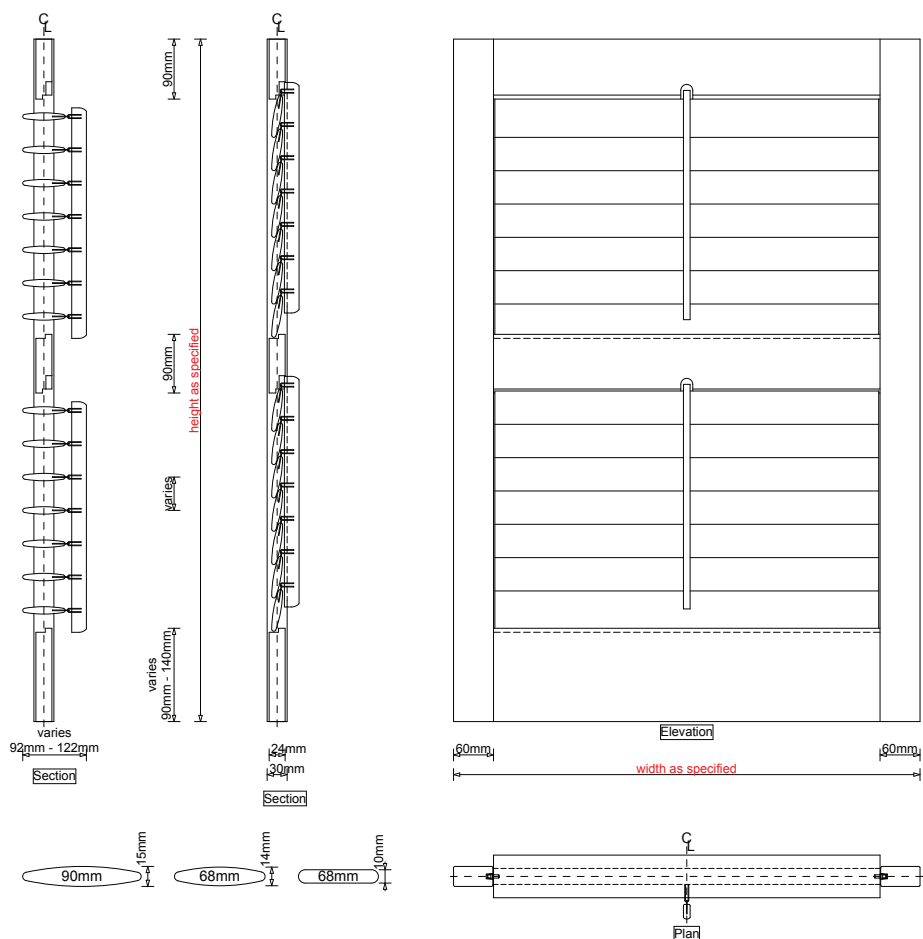
#### Construction

The Clear View shutter is constructed the same way as the standard Plantation shutter with the exception of the tilt bar which is replaced with the Clear View metal tilt rod option. This tilt bar is rebated into the side of the louvre blade (on the reverse side of the panel) allowing for cleaner lines with unobtrusive view through the shutter when the louvres are open or closed. This option is ideal for sliding shutter applications as this decreases light gap measurements and allows each shutter panel to sit closer to one another.

# Cedar Shutters

## - Cedar Plantation Specifications

### Cedar Plantation Specifications



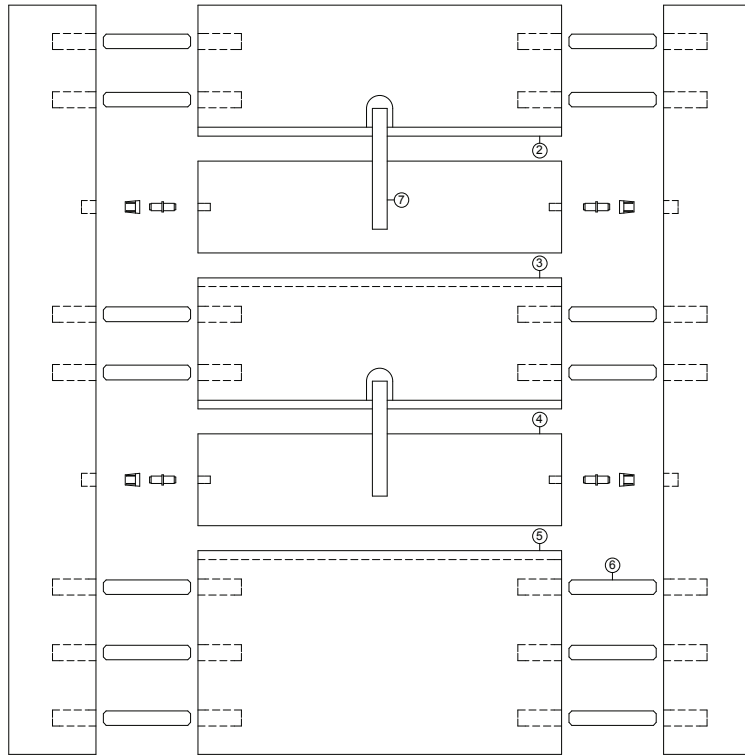
<b>Louvre Size</b> <b>Type</b> Louvre - Standard Louvre - Aerofoil Louvre - Aerofoil <b>Size</b> 68mm x 10mm 68mm x 14mm 90mm x 15mm <b>Options</b> Half Open, Fixed, Ventilated, Fixed Non-Ventilated " " " " " " " " " "	
<b>Width &amp; Height Hinged</b> <b>Type</b> Maximum Width Maximum Width Minimum Width Minimum Height Maximum Height <b>Size</b> 950mm (Single Panel) 500mm (Bi-fold Panel) 250mm (Single Panel) 260mm 3000mm	<b>Construction</b> <b>Type</b> Joints Pivot Pin for Stile/Louvre Bush for Stile/Louvre Staples for Tilt Bar/Louvre <b>Size</b> Ø10 Dowels (Top, Middle, Bottom Rail) Ø10 x 18mm Pin (Nylon T66) Ø8 x 10mm Bush (Nylon T66) 12mm for Tilt Bar (Steel) 8mm for Louvre (Steel)
<b>Finish</b> <b>Type</b> Oiled Lacquered Painted Clear (polyurethane) Range standard colours or custom colour	<b>Stile &amp; Rails</b> <b>Type</b> Stile Top Rail Mid Rail Bottom Rail Tilt Bar <b>Size</b> 60mm x 30mm 90mm x 24mm 90mm x 24mm 90mm - 140mm x 24mm (varies, depends on height of panel) 22mm x 12mm centred <b>Options</b> Square Rabbet D-mould Left, Centre, Right or Clear View
<b>Recess</b> <b>Size</b> 92mm - 122mm <b>Please Note:</b> Varies, depends on Louvre size. Size, 122mm based on 90mm	<b>Track Systems</b> <b>Type</b> Maximum Width Maximum Height Maximum Weight <b>Multi-fold</b> 620mm per Panel (maximum 8 x Panels on each side) 3000mm 25kg per Panel <b>Single Run</b> 950mm per Panel (maximum 6 x Panels on each track) 3000mm 60kg per Panel

SPECIFICATIONS

# Cedar Shutters

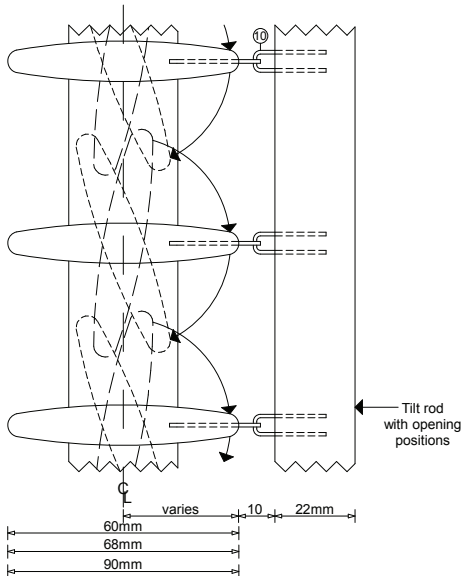
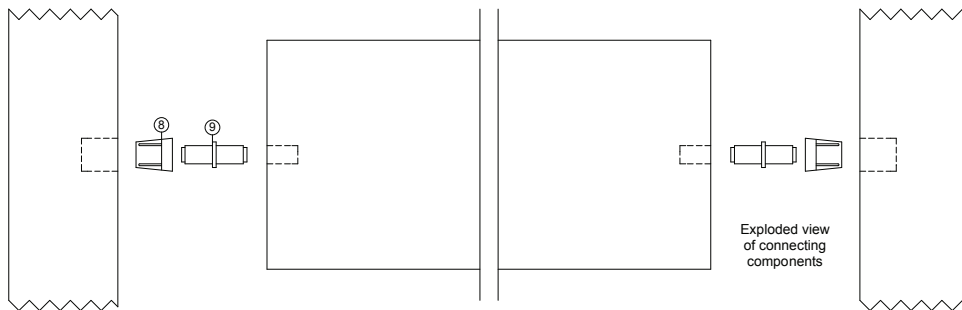
## Cedar Plantation Construction

### Cedar Plantation Construction



#### Component List

1. Stile
2. Top Rail
3. Mid Rail
4. Louvre
5. Bottom Rail
6. Dowel Joint
7. Tilt Bar
8. Pivot Bush
9. Pivot Pin
10. Staples



#### Construction

The Cedar shutter is constructed using hardwood dowelled joints and water based glue that are glued in place to join the stiles, middle rail and bottom rail together as one frame. The dowel size is  $\varnothing 10\text{mm}$ . All rails have 2 dowels which strengthens, braces and prevents the frame from twisting, bowing or sagging. The louvres are mounted to the stile using the louvre pivot pin and stile bush components. The tilt bar is then mounted to the louvres with staples. A mid-rail must be used when the shutter is over 1500mm in height. This is designed to give greater strength to the shutter frame. Mid rails also allow the shutter louvres to have two sections at different angles for privacy, light and airflow. If the shutter is over 2950mm in height, two mid rails will be necessary.

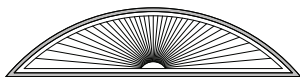
# Basswood & Cedar Shutters

## Special Shape Shutters

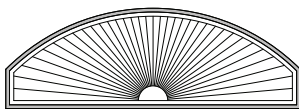
### Special Shape Shutters

Shaped panels are designed to cover architecturally or irregular designed windows or openings. Their main attraction is the ability to follow the shape of these openings, keeping the integrity of the design.

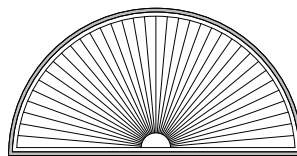
(note: not available in Basswood 50mm Flat Blade)



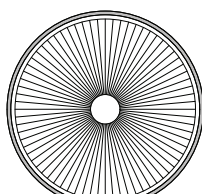
Eyebrow Sunburst  
Available louvre - 89mm



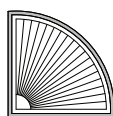
Elongated Eyebrow Sunburst  
Available louvre - 89mm



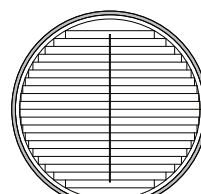
Half Round Sunburst  
Available louvre - 89mm



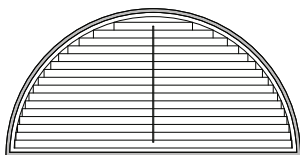
Circle Sunburst  
Available louvre - 89mm



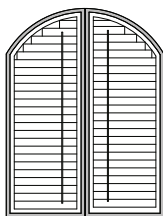
Quarter Sunburst  
Available louvre - 89mm



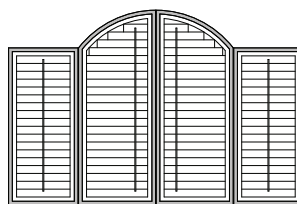
Circle with Horizontal Louvres  
Available louvres - 50mm, 64mm, 89mm  
Louvre open style - Full open or Half open  
Tilt Rod - Plantation only



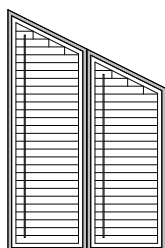
Sunburst with Horizontal Louvres  
Available louvres - 50mm, 64mm, 89mm  
Louvre open style - Full open or Half open  
Tilt Rod - Plantation only



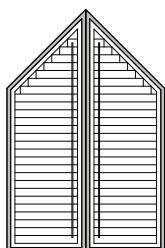
Arch  
Available louvres - 50mm, 64mm, 89mm  
Louvre open style - Full open or Half open  
Tilt Rod - Plantation or Clear View



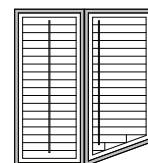
Arched Shutters with panel to both sides  
Available louvres - 50mm, 64mm, 89mm  
Louvre open style - Full open or Half open  
Tilt Rod - Plantation or Clear View



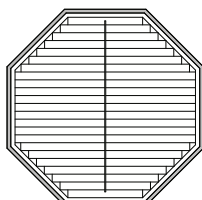
Rake  
Available louvres - 50mm, 64mm, 89mm  
Louvre open style - Full open or Half open  
Tilt Rod - Plantation or Clear View



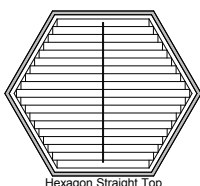
Triangle  
Available louvres - 50mm, 64mm, 89mm  
Louvre open style - Full open or Half open  
Tilt Rod - Plantation or Clear View



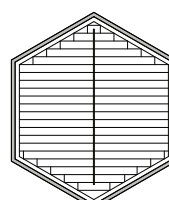
Tapered Shutters  
Available louvres - 50mm, 64mm, 89mm  
Louvre open style - Full open or Half open  
Tilt Rod - Plantation or Clear View



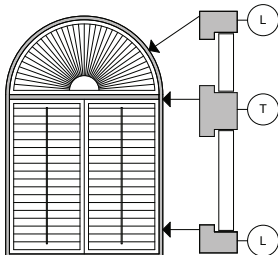
Octagon  
Available louvres - 50mm, 64mm, 89mm  
Louvre open style - Full open or Half open  
Tilt Rod - Plantation



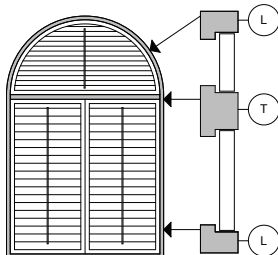
Hexagon Straight Top  
Available louvres - 50mm, 64mm, 89mm  
Louvre open style - Full open or Half open  
Tilt Rod - Plantation



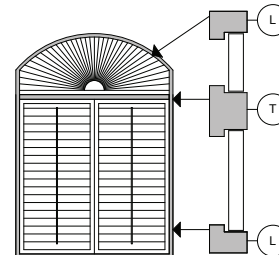
Hexagon Straight Sides  
Available louvres - 50mm, 64mm, 89mm  
Louvre open style - Full open or Half open  
Tilt Rod - Plantation



Sunburst at top with T-post and Standard Shutter at bottom  
Available louvres in bottom shutter - 50mm, 64mm, 89mm  
Available louvres in Sunburst - 89mm  
Bottom Tilt Rod - Plantation or Clear View



Sunburst with Horizontal Louvres at top with T-post and Standard Shutter at bottom  
Available louvres in bottom shutter - 50mm, 64mm, 89mm  
Available louvres in Sunburst - 89mm  
Bottom Tilt Rod - Plantation or Clear View



Elongated Eyebrow Sunburst at top with T-post and Standard Shutter at bottom  
Available louvres in bottom shutter - 50mm, 64mm, 89mm  
Available louvres in Sunburst - 89mm  
Bottom Tilt Rod - Plantation or Clear View

SPECIFICATIONS

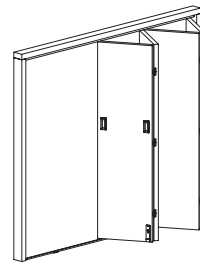
# Basswood & Cedar Shutters

## Hardware Technical - Tracking systems, Hinges

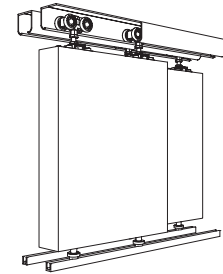
### Hardware Overview

#### Tracking Systems

Window Treatments supplies two tracking systems: Multi-fold for bi-fold shutters, and Single Run for straight sliding shutters. For special applications Window Treatments can supply various track options to suit your requirements.



Multi-fold for Bi-fold shutters

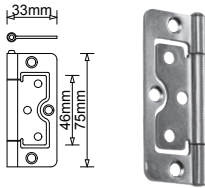


Single Run for straight sliding

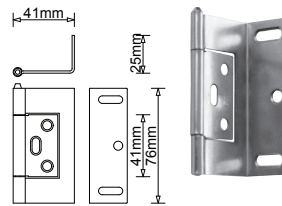
#### Hinges

Depending on the type of shutter installation, Butt Hinge and Steadman Hinge are the standard hinges. For special applications, Window Treatments also supplies various hinge options such as Handle hinges to suit your requirements.

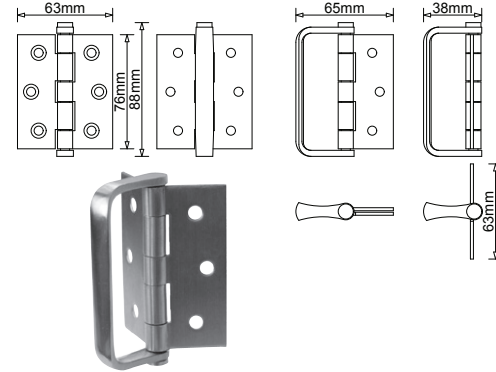
#### Butt Hinge



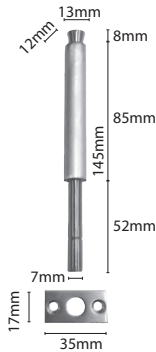
#### Steadman Hinge



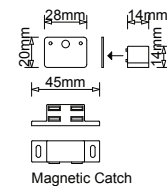
#### Handle Hinge



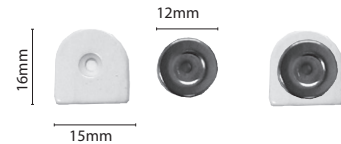
#### Barrel Bolt



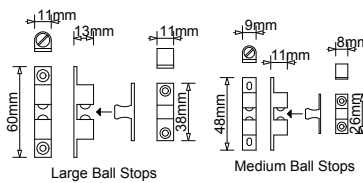
#### Magnetic Catch



#### Magnetic Catch



#### Ball Stop



Type	Colours Available	Suitable for
Butt Hinge	Stainless Steel, Silver, Cream, White, Black, Antique Brass, Bright Brass	Square, Rabbet, T Post, L Frame
Steadman Hinge	Stainless Steel, Silver, Cream, White, Black, Antique Brass, Bright Brass	Hang Strip, protruding past window opening
Handle Hinge	Stainless Steel	Bi-fold, assists panel movement
Barrel Bolt	Stainless Steel	Bi-fold, Sliding, Panel
Ball Stops	Brass, Chrome	Securing Fixed Panel
Magnetic Catch	Brown, White, Black	Securing Bi-fold Panel



# Basswood & Cedar Shutters

## Hardware Technical - Sliding Single Run

### Application

- Widely used in lighter commercial and industrial applications
- To cover any width of opening, any number of panels can be used
- To accommodate different building designs, panels can slide to one or both sides
- Hinged panel for easy access may be incorporated into a sliding panel
- Where panels are fitted externally, a canopy is recommended

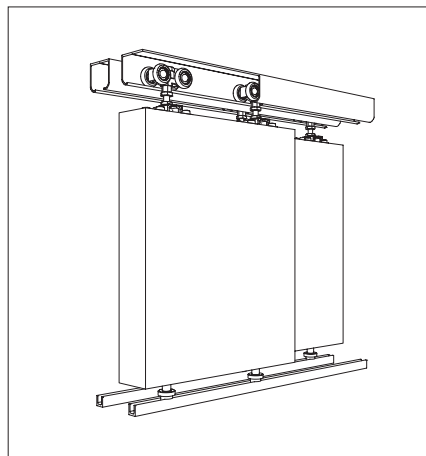


### Panel Specification

#### Track System: Single Run (individual Panels)

Max Panel Height: Basswood	3000mm
Cedar	2700mm

For ease of operation it is recommended that the panel width should not exceed 75% of the panel height.  
 Panels for interior use can be of flush construction or glazed.  
 Panels for industrial applications should be framed, ledged and braced.



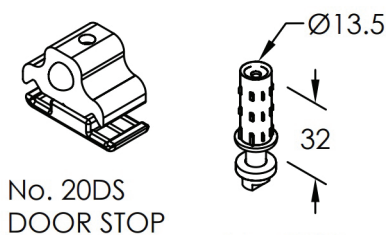
### Hardware Specification

Track : 80A  
 Material : Aluminium  
 Standard lengths : 2000mm, 3000mm, 4000mm, 6000mm  
 Aluminium track available in mill or clear anodised finish.

Door Stop : 20DS (Stainless Steel)

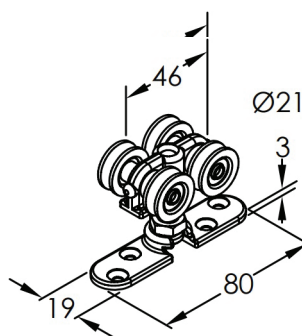
Hangers (2 per door) :  
 Interior : No. 57EN Hamger  
 Hangers supplied with fixing plate and nylon tyred precision bearings. Vertical adjustment is simple and positive. Nylon tyre wheel hangers should not be used on installation involving temperatures exceeding 80°C.

Guide : No. 801S  
 Spring loaded guide, nylon body and tip with stainless steel shaft and spring.  
 Designed to slide in the No. 92 Threshold

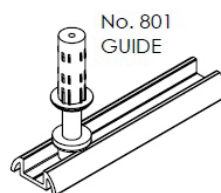


No. 20DS  
DOOR STOP

No. 801S  
GUIDE



No. 57EN  
HANGER



No. 801  
GUIDE

No. 92  
THRESHOLD

SPECIFICATIONS



# Basswood & Cedar Shutters

## Hardware Technical - Multi-fold

### Application

- Suitable for residential and light commercial folding shutters with all panels of equal width. Panels can fold to one or both sides of the opening
- Pivot hardware enables a folding exterior shutter to be designed using equal width panels with no cutting down of the panel adjacent to the post.
- To cover any width opening, any number of folding units can be used.

### Panel Specification

#### Track System: Multi-fold (individual leaves)

Max Leaf Height:	Basswood	2500mm
	Cedar	2500mm
Max Leaf Width:	Basswood	700mm
	Cedar	750mm

Units of up to six panels can be pivoted to each side of the opening.

A guide system across the floor must be used on units of three panels or more. Floating units consist of four to six panels. Shutters should be constructed to provide secure fitting for the pivot sets, hangers, hinges and guides.

### Hardware Specification

Track - punched for soffit fitting: 80A  
 Material : Aluminium  
 Standard lengths : 2000mm, 3000mm, 4000mm, 6000mm

Top Pivot Assembly : 21EPNC Steel, Zinc dichromated, Nylon

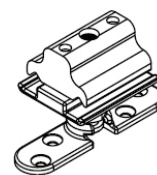
Bottom Pivot : 21EPNC Steel, Zinc dichromated, Nylon

Door Stop : 20DS (Stainless Steel)

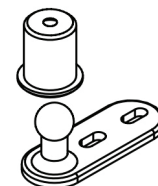
Hangers : No. 57EN Hanger  
 The hanger is fitted with four nylon tyred ballrace wheels. The adjustment bolt is attached to the top plate and secured in place with a blocking clip which allows easy installation. All steel parts are zinc dichromated.

Guide : No. 801S  
 Spring loaded guide for use with No.92 Threshold. Guide is nylon and stainless steel.

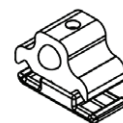
Threshold : No. 92  
 Threshold, aluminium, available in 2100mm, 3000mm, 4000mm, 6000mm



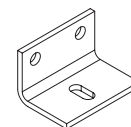
No.21EPNC Top Pivot



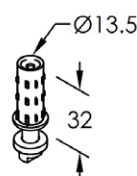
No. 21EPNC PIVOT



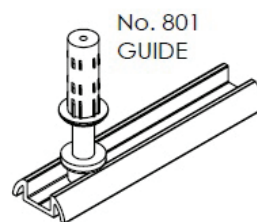
No. 20DS DOOR STOP



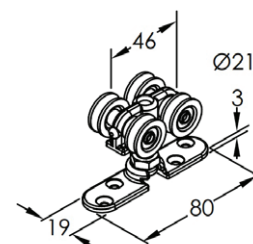
No. ADP1/60 Bracket



No. 801S GUIDE



No. 92 THRESHOLD



No. 57EN HANGER