

# ROOMFOLD DELUXE RANGE

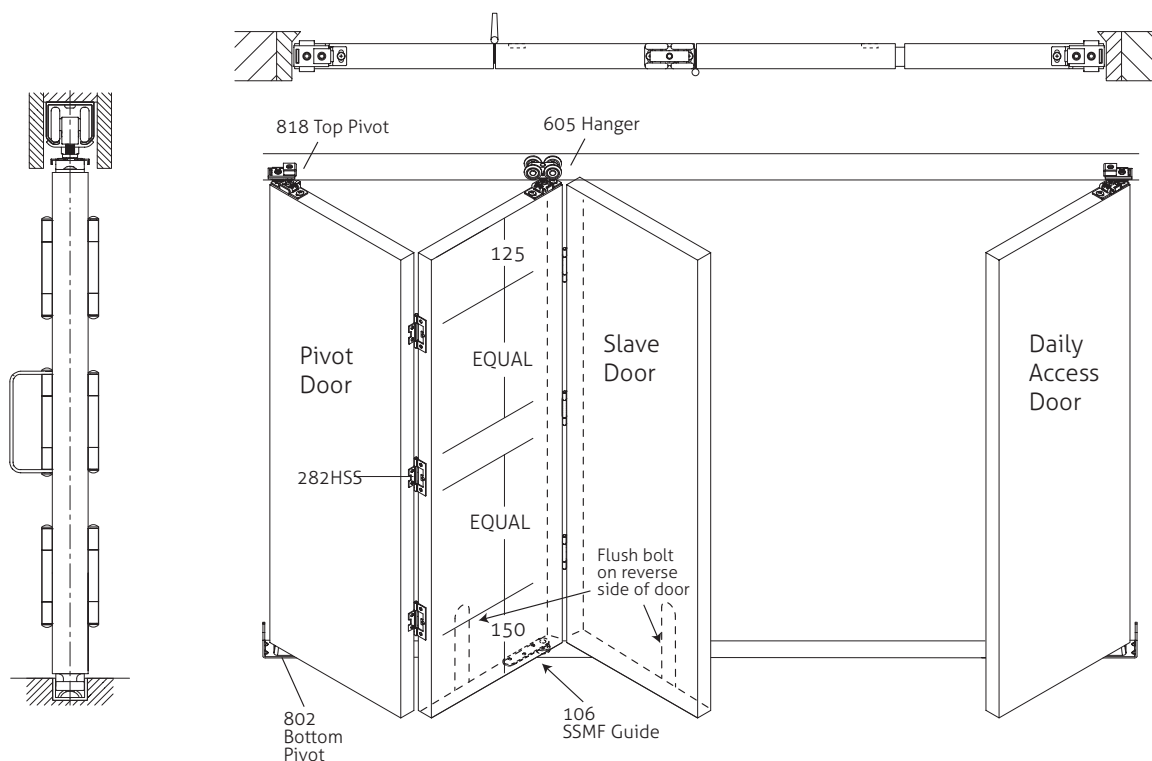
## 4 DOOR SYSTEM

3+1 Door Pattern

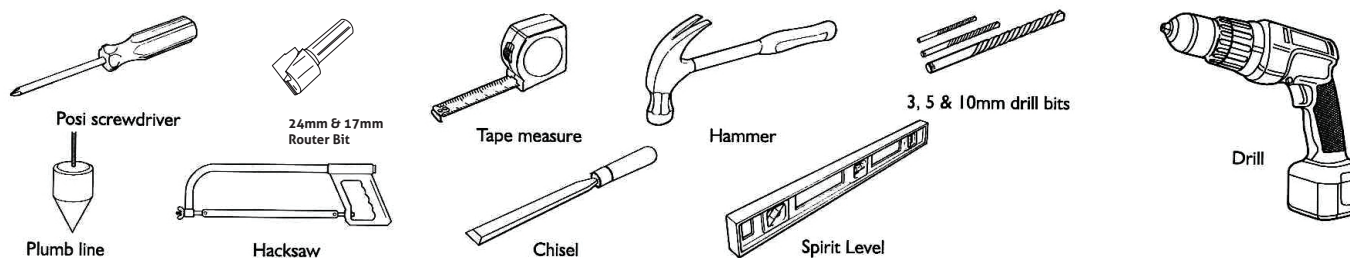
# CLIMADOOR

SUPERIOR QUALITY – REALISTIC PRICE

### SYSTEM OVERVIEW



### TOOLS REQUIRED



### IMPORTANT

**Please note:** You can only assemble these door configurations by using the frame provided. Your warranty will be invalid if other alternatives are used. All loads are taken by the top track to ensure smooth, light operation and long life. Prior to installing this doorset, inspect for damage and do not proceed to fit if any noticeable damage or defect is evident. This doorset should be stored in a dry flat location before installation.

### CAUTION



**SAFETY:** This product needs to be installed by a competent tradesperson with assistance. Two people are required to carry out the installation, as some components are heavy. The outer frame requires fixing to the supporting structure above the opening. The opening **MUST** be capable of carrying the load of the doorset in all conditions.

Thank you for purchasing your "roomfold deluxe" system. This set comes complete with drop bolts, base track And guides and gives you the opportunity to fill opening widths between 2218mm wide and 3134mm wide. All options are fully reversible allowing you to position the daily access door on either side of the opening.

The smooth operation of this door system allows individual door leaves up to 762mm wide to be used.

NB: System is supplied without handles/latch.

**CLIMADOOR** Roomfold **Deluxe**  
3+1 Door System

### 01 FRAME SIZE AND DOOR OPTIONS

Check you have correct frame for the door pattern you have ordered. Frame pack size supplied.

No Doors / frame size ordered	Door Pattern / Size ordered	Frame pack size supplied.					
		1905mm x 2078mm	2361mm x 2078mm	2820mm x 2078mm	3128mm x 2078mm	3740mm x 2078mm	4652mm x 2078mm
4 door - 2209mm x 2078mm	3 + 1 x 533mm (21")		✓				
4 door - 2370mm x 2078mm	3 + 1 x 573mm (22.5")			✓			
4 door - 2516mm x 2078mm	3 + 1 x 610mm (24")			✓			
4 door - 2820mm x 2078mm	3 + 1 x 686mm (27")			✓			
4 door - 3125mm x 2078mm	3 + 1 x 762mm (30")				✓		

### 02 RECOMMENDED STRUCTURAL OPENING SIZES

Check your structural opening for squareness & referring to the table below, check that it is a minimum of those stated for your product.

No Doors / frame size ordered	Door Pattern / Size ordered	Structural Width (mm)	Structural Height (mm)
4 door - 2209mm x 2078mm	3 + 1 x 533mm (21")	2218	2084
4 door - 2370mm x 2078mm	3 + 1 x 573mm (22.5")	2378	2084
4 door - 2516mm x 2078mm	3 + 1 x 610mm (24")	2526	2084
4 door - 2820mm x 2078mm	3 + 1 x 686mm (27")	2830	2084
4 door - 3125mm x 2078mm	3 + 1 x 762mm (30")	3134	2084



The recommended structural opening sizes give a clearance of 10mm on the width & 6mm on the height to allow the frame to be installed square in the opening.

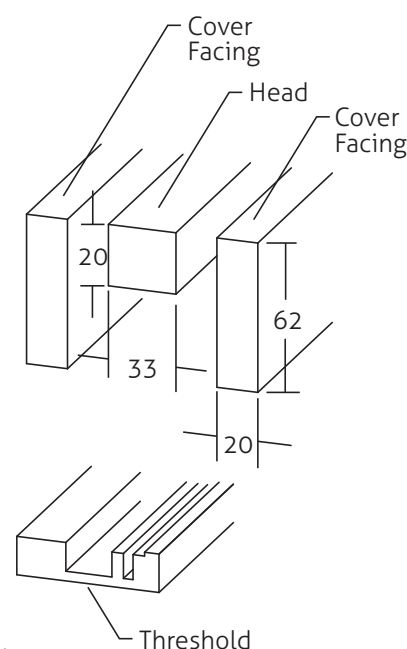
**Suggestion** - Highlight the table to ensure you are working with the correct option before starting work.

### 03 HEAD AND SILL LENGTH REQUIREMENTS

Cut down your timber frame head, cover facings and sill to the size associated with your door pattern.

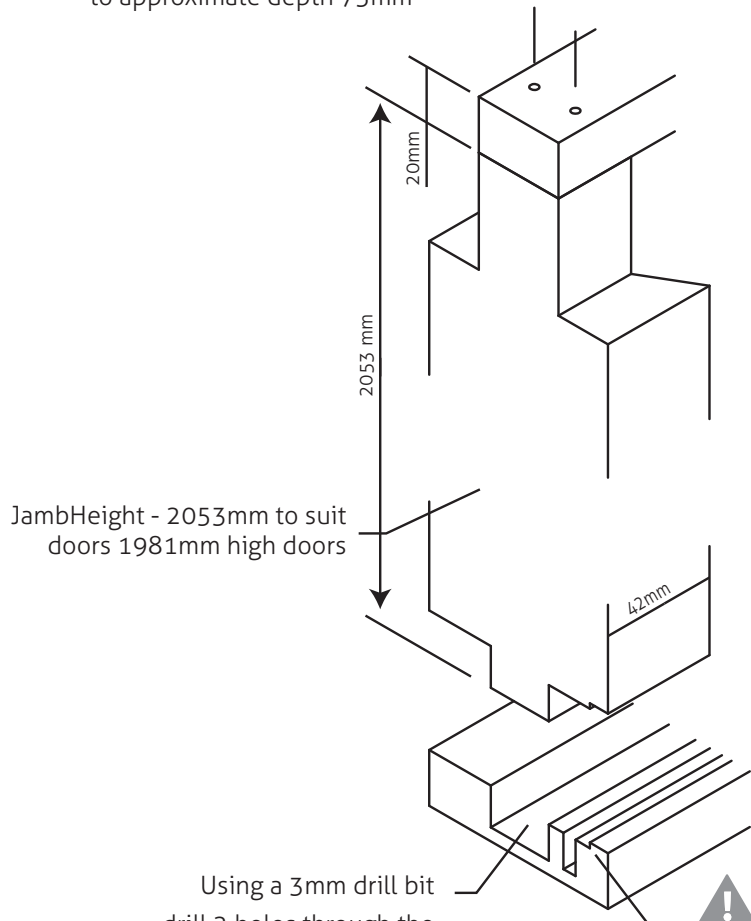
No Doors / frame size ordered	Door Pattern / Size ordered	Head cut length Required (mm)	Height - 2078mm - all options
4 door - 2209mm x 2078mm	3 + 1 x 533mm (21")	2208	
4 door - 2370mm x 2078mm	3 + 1 x 573mm (22.5")	2368	
4 door - 2516mm x 2078mm	3 + 1 x 610mm (24")	2516	
4 door - 2820mm x 2078mm	3 + 1 x 686mm (27")	2820	No Cutting Required
4 door - 3125mm x 2078mm	3 + 1 x 762mm (30")	3124	

**Suggestion** - Highlight the table to ensure you are working with the correct option before starting work.

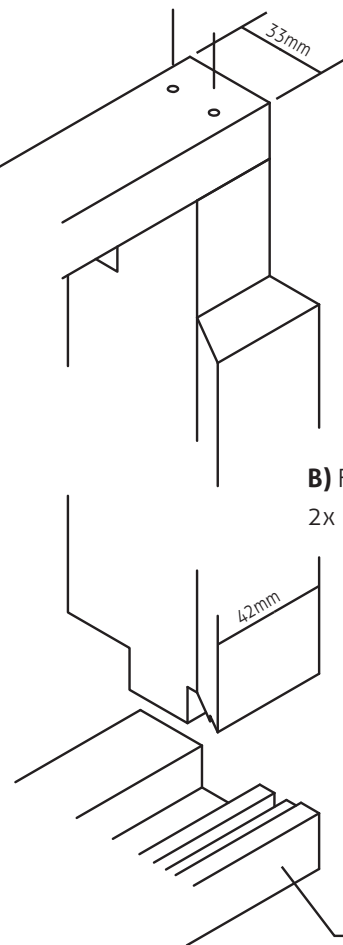


### 04 ASSEMBLE FRAME

**A)** Using a 3mm drill bit, drill 2 holes through the head & into the top of the frame jamb to approximate depth 75mm



**B)** Fix the jambs both ends using 2x No.10 x 75mm screws



Wooden threshold sill  
Cut to length

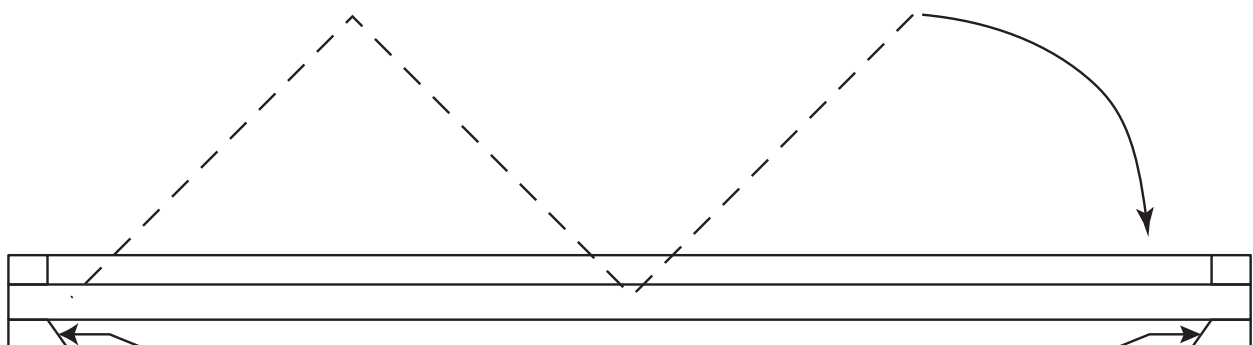
Using a 3mm drill bit drill 2 holes through the sill/threshold into the underside of the frame jamb



### IMPORTANT

Ensure the semi rebates on both frame jambs are positioned to this side of sill/threshold

PLAN VIEW



NB: Doors open away from semi rebate.  
So please ensure you position the frame in the opening correctly

05

SECURE THE FRAME IN THE OPENING

Using appropriate fixings attach the frame through both jambs at 450mm centres

IMPORTANT

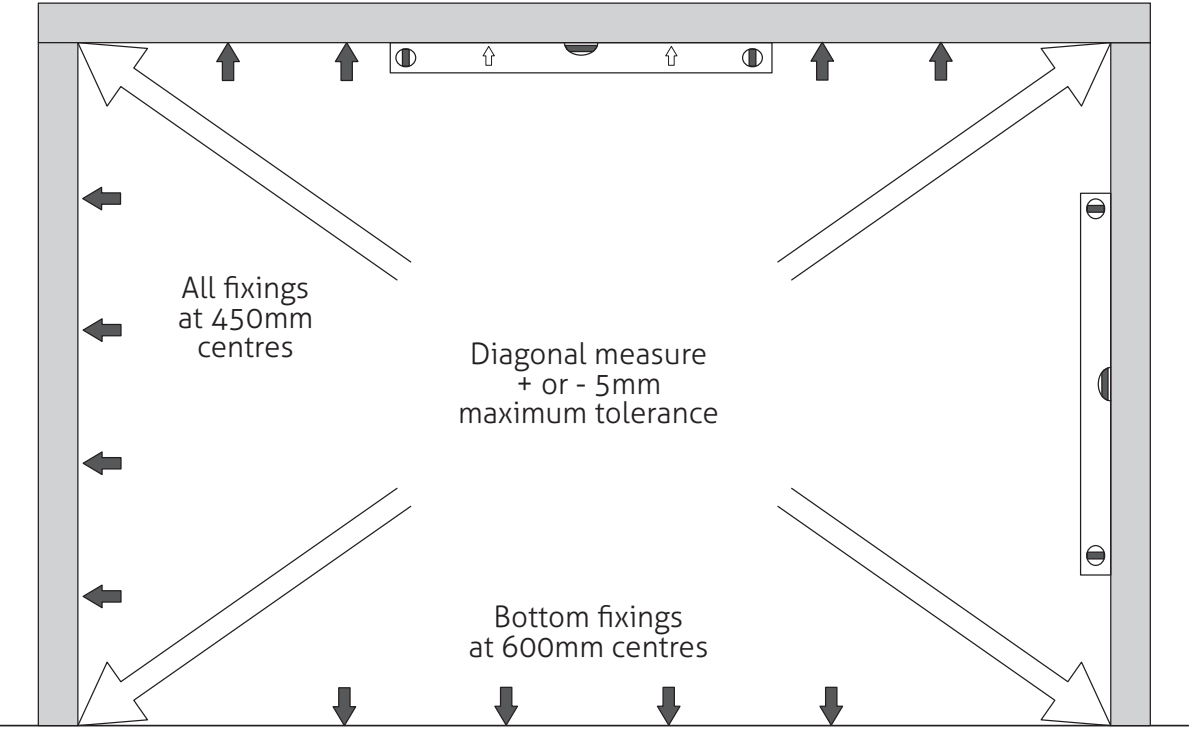
Check the frame is accurately square and plumb. Do not proceed with installation until the frame is accurately installed. Once the frame is installed check the rebate dimensions are correct to your chosen configuration of doors from the table.

When fixing into the floor be careful not to cause the base track & threshold to bow or twist, or the operation of the doors could be affected. After fixing re-check that the frame remains square and parallel.

*Check your internal rebate measurement.*

INTERNAL REBATE SIZES FOR ALL OPTIONS

No Doors / frame size ordered	Door Pattern / Size ordered	Head cut length required (mm)	Internal rebate check
4 door - 2209mm x 2078mm	3 + 1 x 533mm (21")	2208	2148
4 door - 2370mm x 2078mm	3 + 1 x 573mm (22.5")	2368	2308
4 door - 2516mm x 2078mm	3 + 1 x 610mm (24")	2516	2456
4 door - 2820mm x 2078mm	3 + 1 x 686mm (27")	2820	2760
4 door - 3125mm x 2078mm	3 + 1 x 762mm (30")	3124	3064



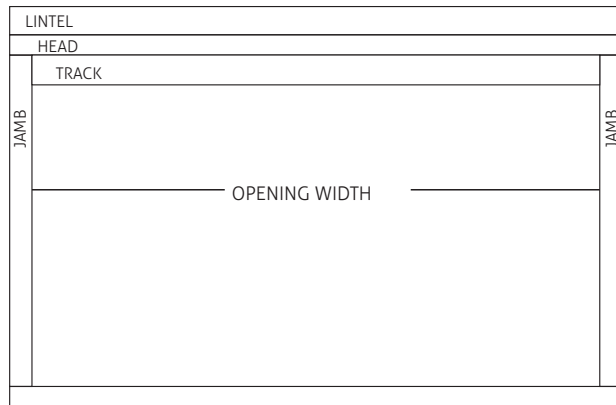
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NOTE

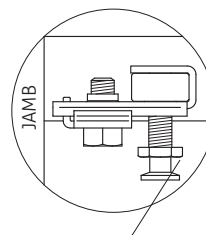
The threshold & frame head must be installed parallel to each other for correct door operation. Take care not to over-tighten bottom fixings causing base track & threshold to bend to your floor profile - pack as necessary under threshold.

### 06 INSTALL THE HEAD TRACK AND BASE CHANNEL

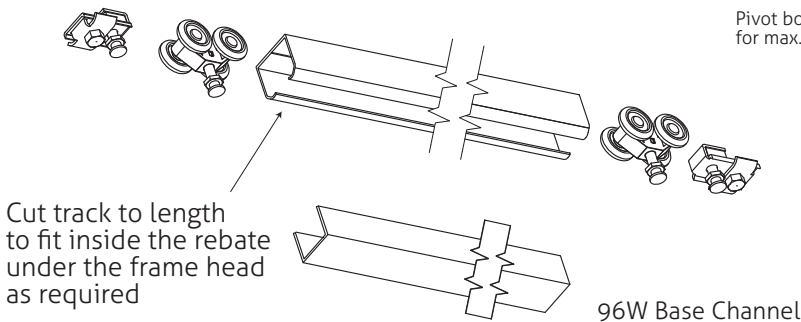
Insert all hangers and top pivots required for your application into the track in correct order. Then screw track into lintel, through the frame head. Clean down inside of track once fixed in position.



Cut the 96W aluminium base channel to length and fit inside wooden threshold. Allow room for wall bracket 806 (See section 08)



Pivot bolt away from jamb for max. opening.

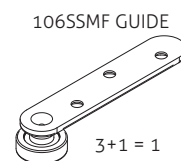
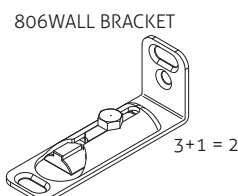
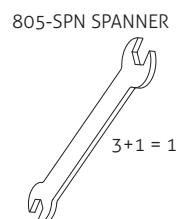
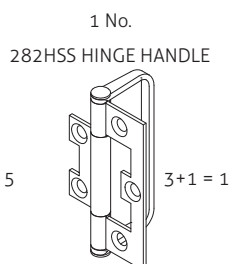
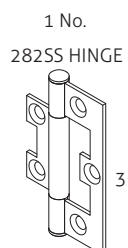
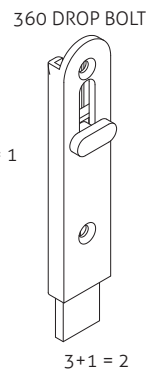
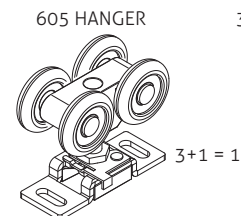
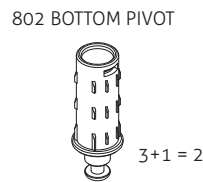
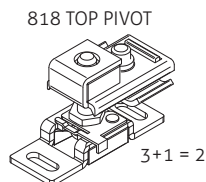


Cut track to length to fit inside the rebate under the frame head as required

96W Base Channel

### 07 INSTALLING YOUR DOORS

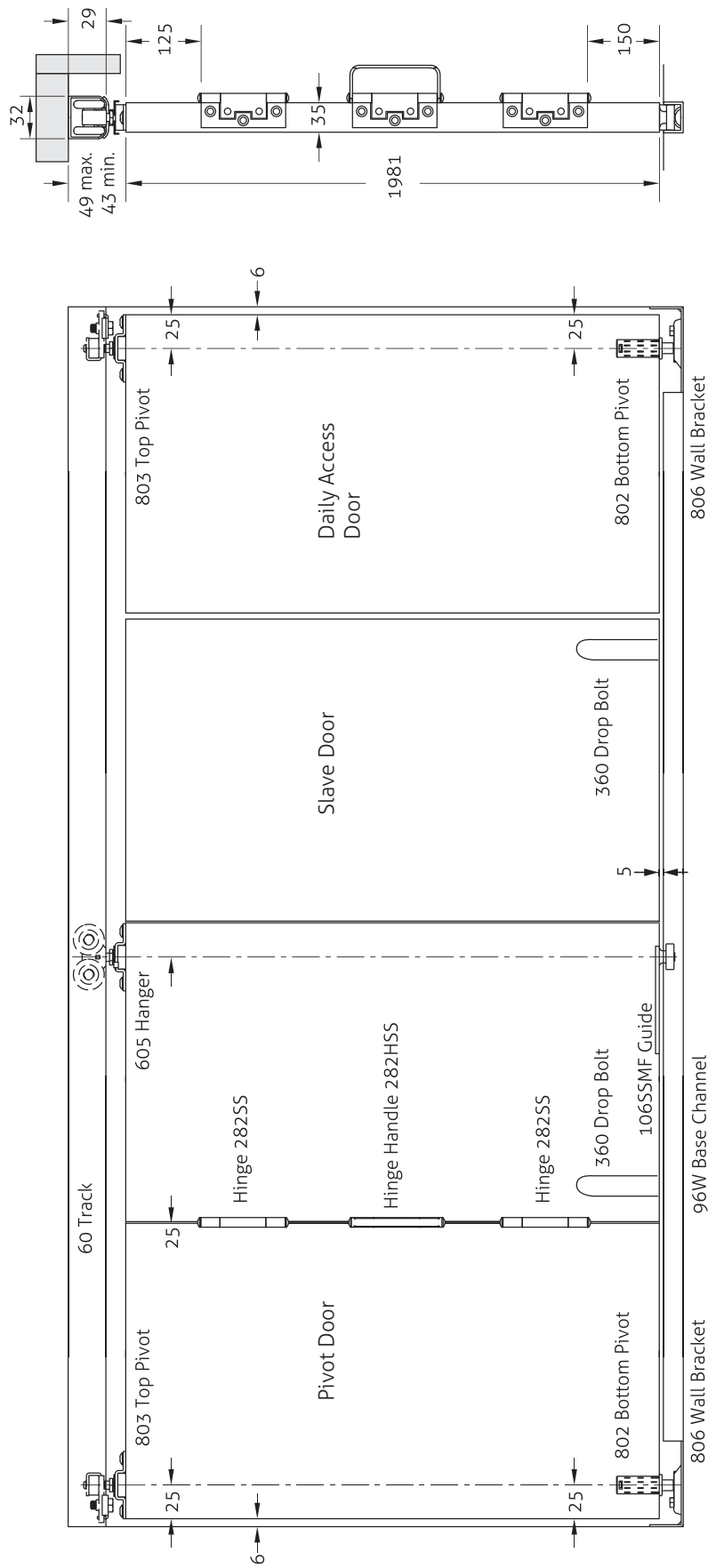
#### PACK COMPONENTS



08

HARDWARE LAYOUT

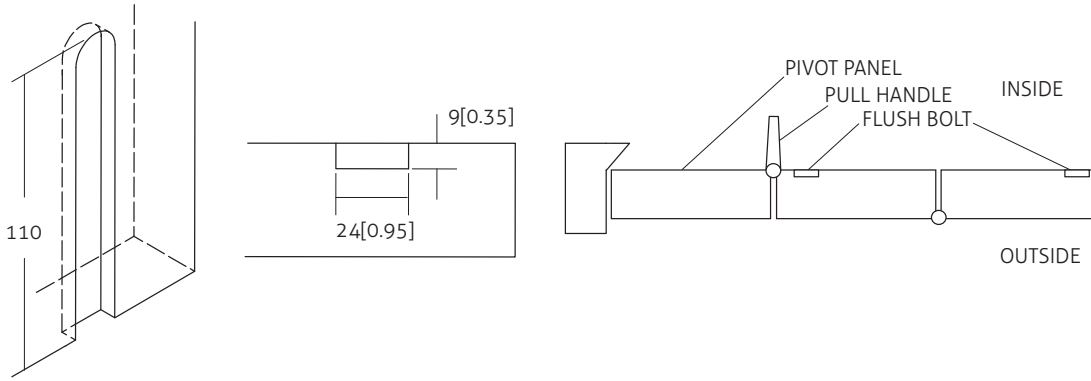
Hardware layout 3+1



**Clearances:** 6mm between doors and frame jambs  
5mm from underside of doors to threshold

## 09 FLUSH BOLT MACHINING

Install flush bolt to panel



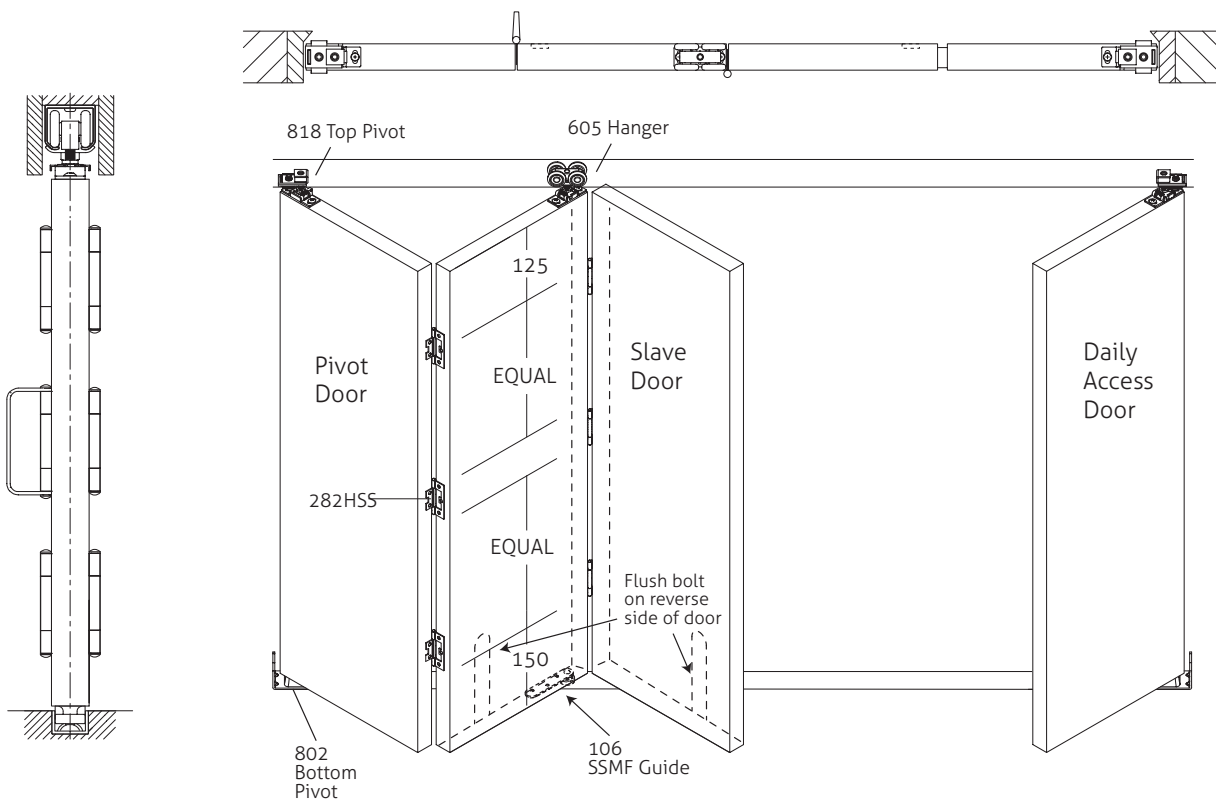
### NOTE

Should always be on the same side of the doors as the pull handle.

24mm Router required

## 10 FIT HARDWARE ON LEAVES

Attach hinges as shown below

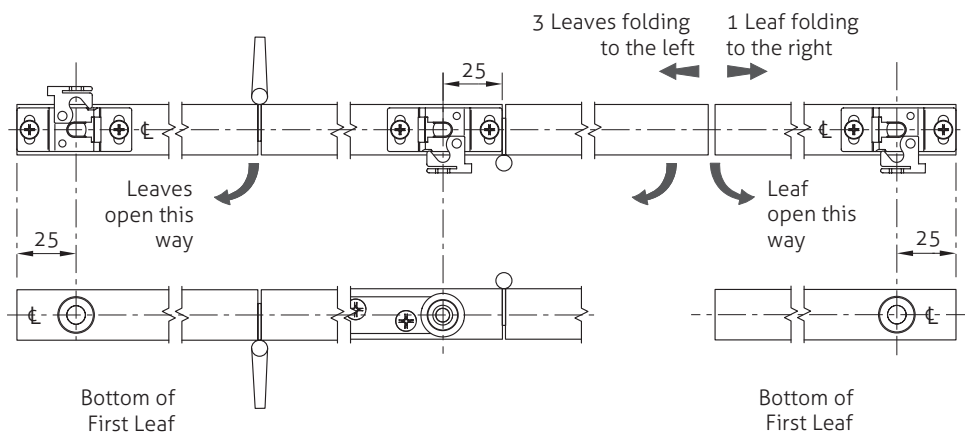


### 11 FIT PIVOT, GUIDES AND HANGER PLATES

Attach hinges as shown below

Fit Pivot, Guides and Hanger Plates

To top and bottom as shown. Use screws supplied & pre drill pilot holes to prevent splitting

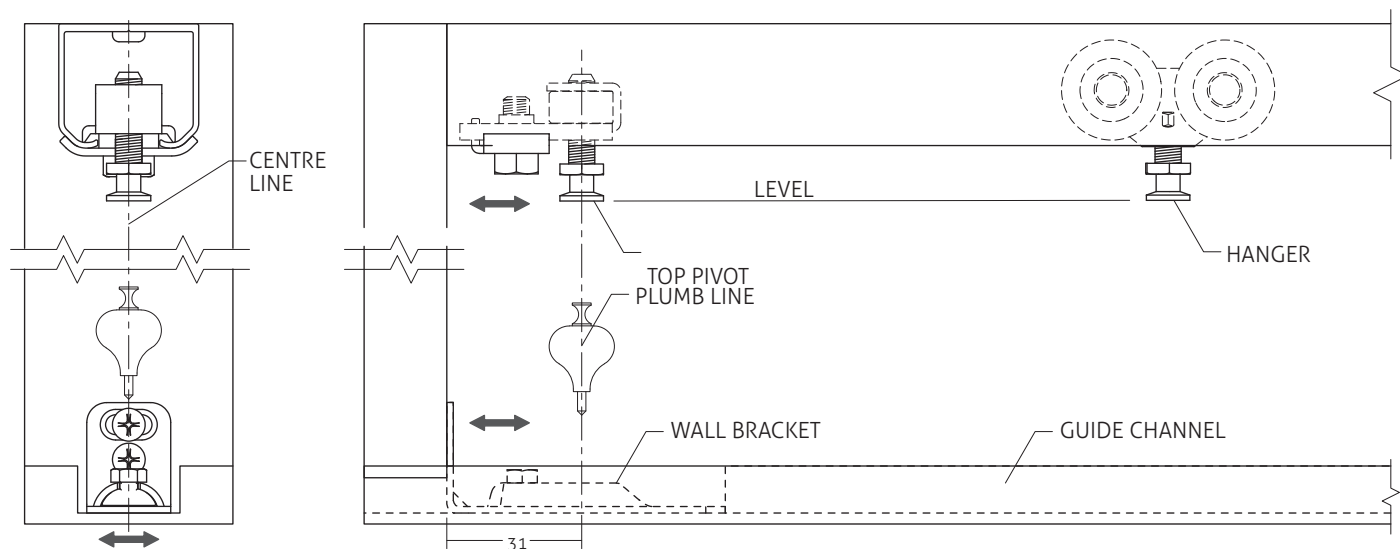


#### ! NOTE

The opening in mounting plates must face away from closest panel end. The steel clip must open away from the direction in which the leaves fold. As shown. If installed incorrectly doors could drop out.

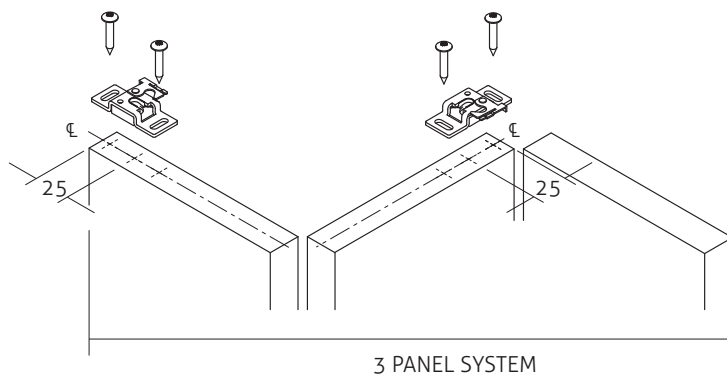
### 12 POSITION TOP PLATE AND WALL BRACKET

Fit top pivot into position. Centre of floor bracket to be plumb below the centre line of track. Fasten bracket using screws supplied.

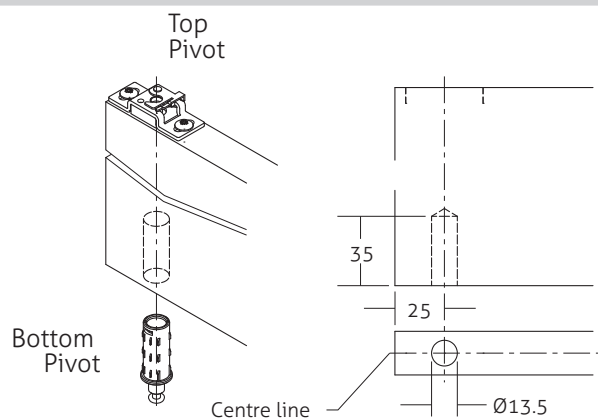


### 13 PRE DRILL PILOT HOLES DETAIL

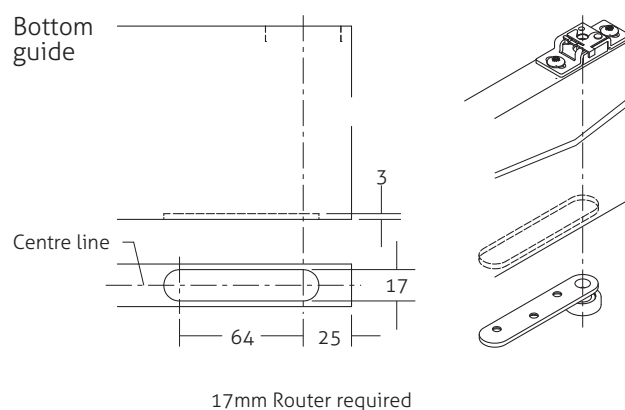
Pre-drill pilot holes diameter 3mm x 25 deep for mounting plates. For top pivot 818 & hangar 605



### 14 BOTTOM PIVOT DETAIL



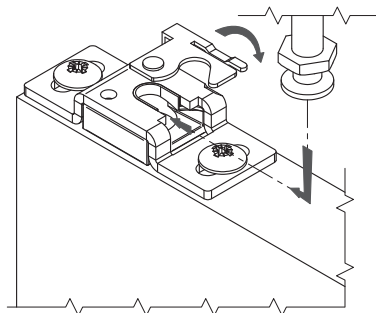
### 15 BOTTOM GUIDE ROUTER DETAIL



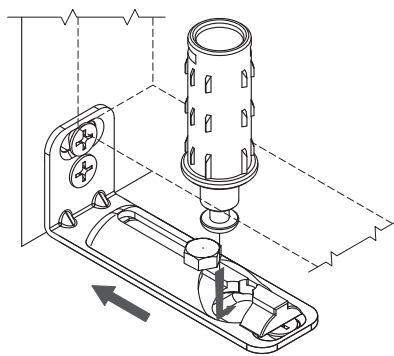
### 16 FIT LEAVES - DETAIL

With clips on plates open & inner retainer of wall bracket protruding

Insert bolt of pivot into plate on leaf.

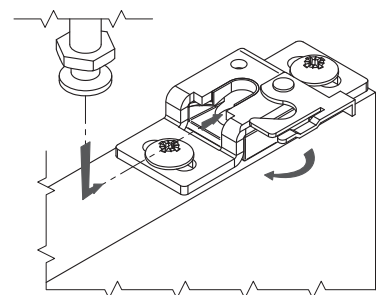


Secure bolt retainer plate.



Compress spring loaded pivot & insert into wall bracket. Slide retainer into wall bracket

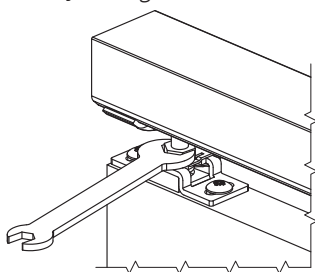
Insert bolts of hangers into plates on leaves.



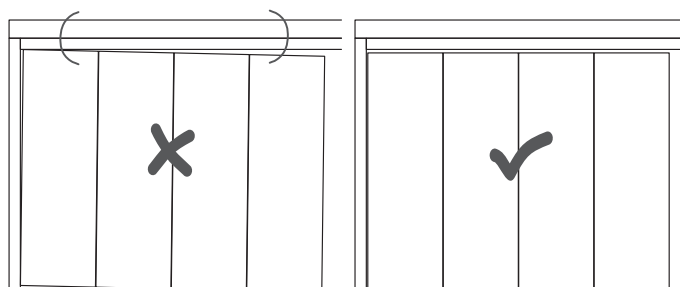
Secure bolt retainer plate.

### 17 ADJUST HEIGHT & ALIGN LEAVES

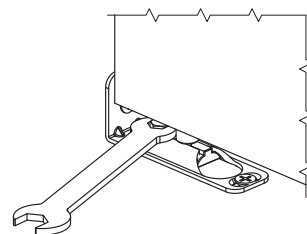
Screw Top Pivot and Hangers to adjust height.



Adjust all hangers & top pivots until leaves are level with track

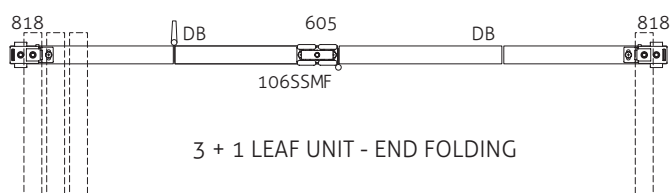


Once leaves are level lock off bottom pivot.

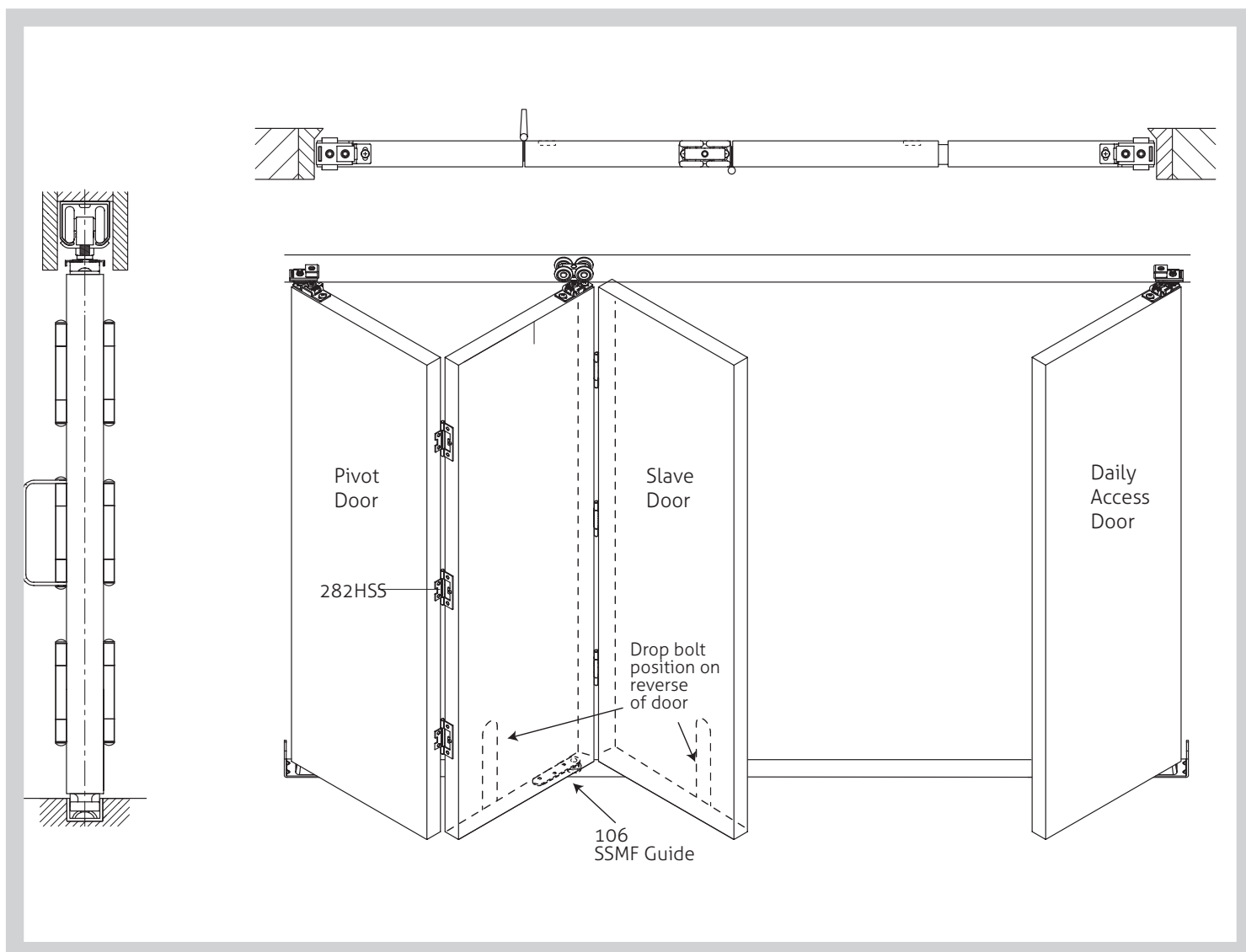


### 18 DOOR HARDWARE SET ORIENTATION

DB= Drop Bolt. Left systems shown.



## 19 SYSTEM OVERVIEW CHECK



## 20 FITTING DROP BOLT KEEPS

