

ROOMFOLD DELUXE RANGE

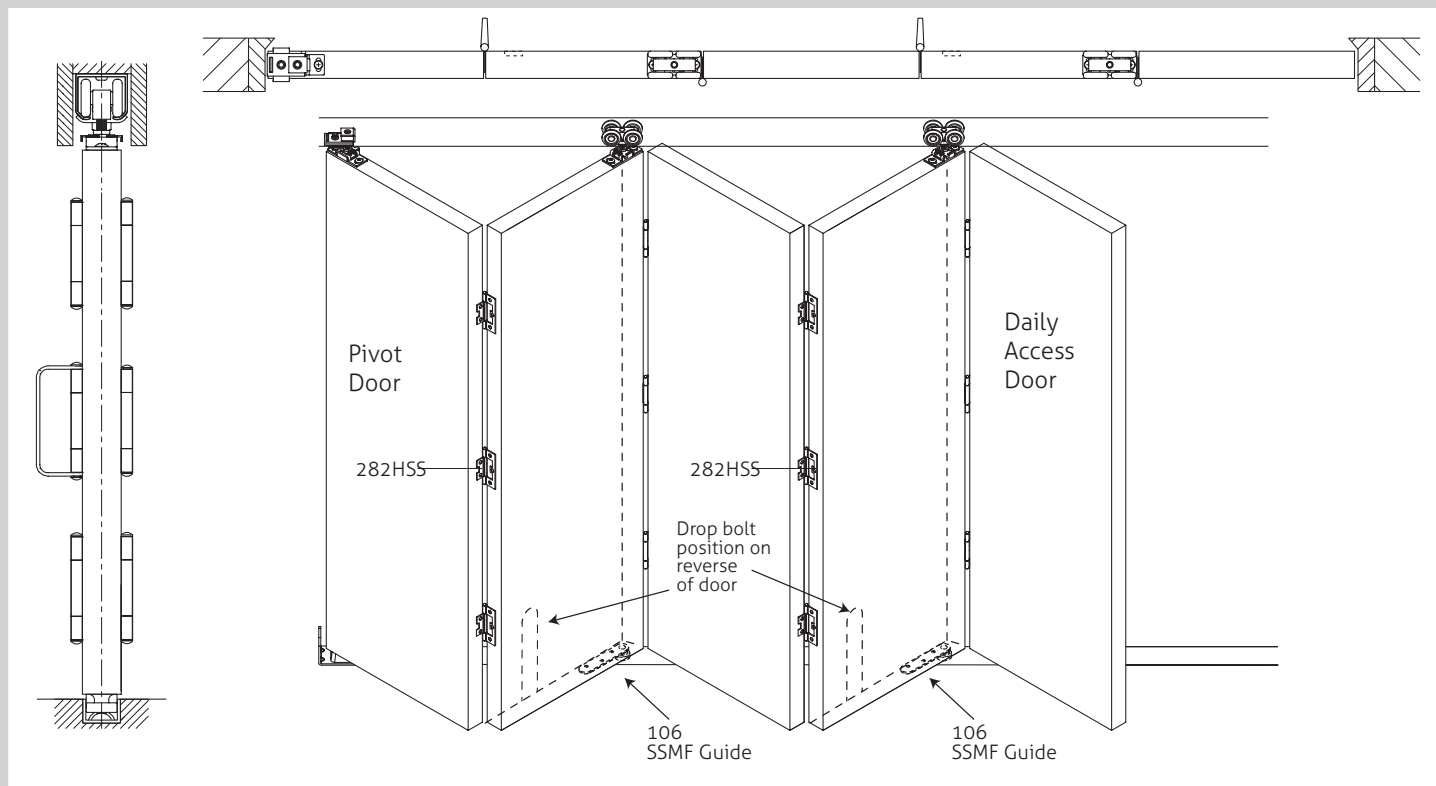
5 DOOR SYSTEM

5+0 Door Pattern

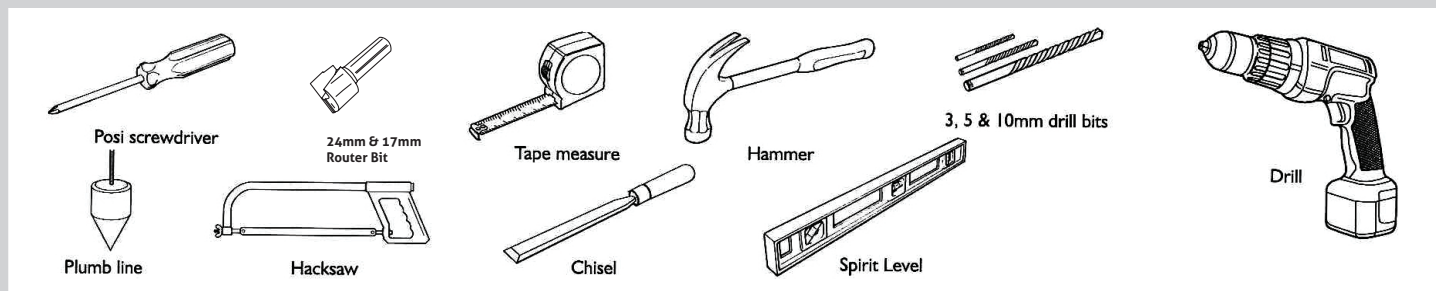
CLIMADOOR

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 2953mm wide and 3898mm 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**
5+0 Door System

01 FRAME SIZE AND DOOR OPTIONS

Check you have correct frame for the door pattern you have ordered.

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
5 door - 2943mm x 2078mm	5 + 0 x 573mm (22.5")				✓		
5 door - 3128mm x 2078mm	5 + 0 x 610mm (24")				✓		
5 door - 3508mm x 2078mm	5 + 0 x 686mm (27")					✓	
5 door - 3888mm x 2078mm	5 + 0 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)
5 door - 2943mm x 2078mm	5 + 0 x 573mm (22.5")	2953	2084
5 door - 3128mm x 2078mm	5 + 0 x 610mm (24")	3138	2084
5 door - 3508mm x 2078mm	5 + 0 x 686mm (27")	3518	2084
5 door - 3888mm x 2078mm	5 + 0 x 762mm (30")	3898	2084



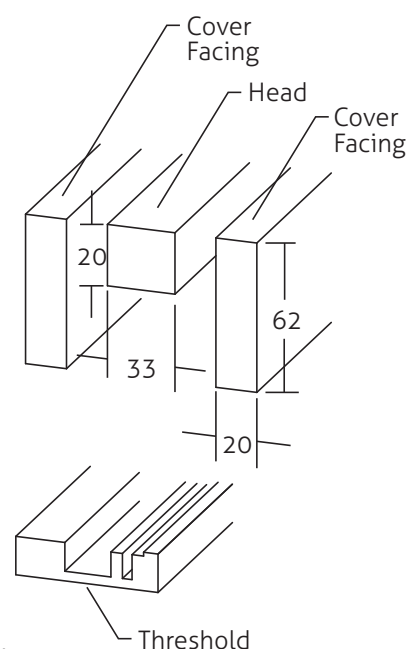
The recommended structural opening sizes give a clearance of 10mm on the width & 6mm on the height to allow the frame to be installed square in the opening.

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.

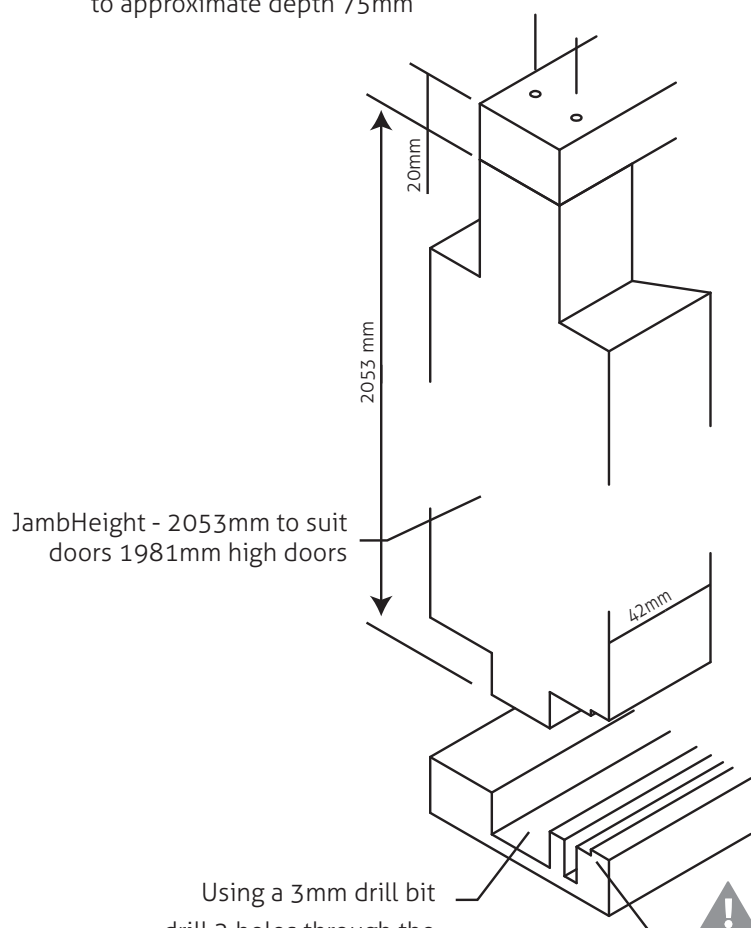
No Doors / frame size ordered	Door Pattern / Size ordered	Head cut length Required (mm)	Height - 2078mm - all options
5 door - 2943mm x 2078mm	5 + 0 x 573mm (22.5")	2943	
5 door - 3128mm x 2078mm	5 + 0 x 610mm (24")	3128	No Cutting required
5 door - 3508mm x 2078mm	5 + 0 x 686mm (27")	3508	
5 door - 3888mm x 2078mm	5 + 0 x 762mm (30")	3888	



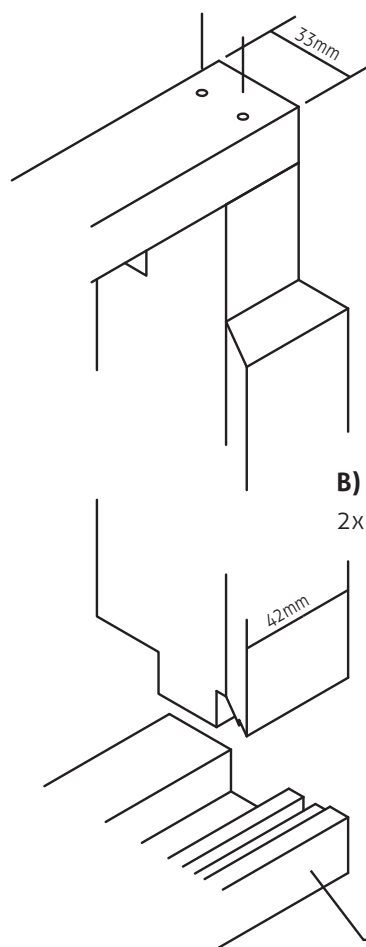
Suggestion - Highlight the table to ensure you are working with the correct option before starting work.

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

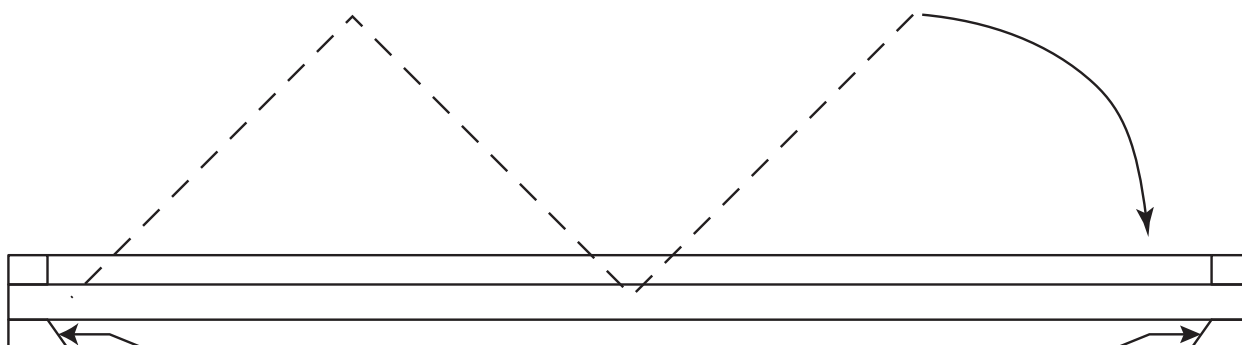
Using a 3mm drill bit drill 2 holes through the sill/threshold into the underside of the frame jamb



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

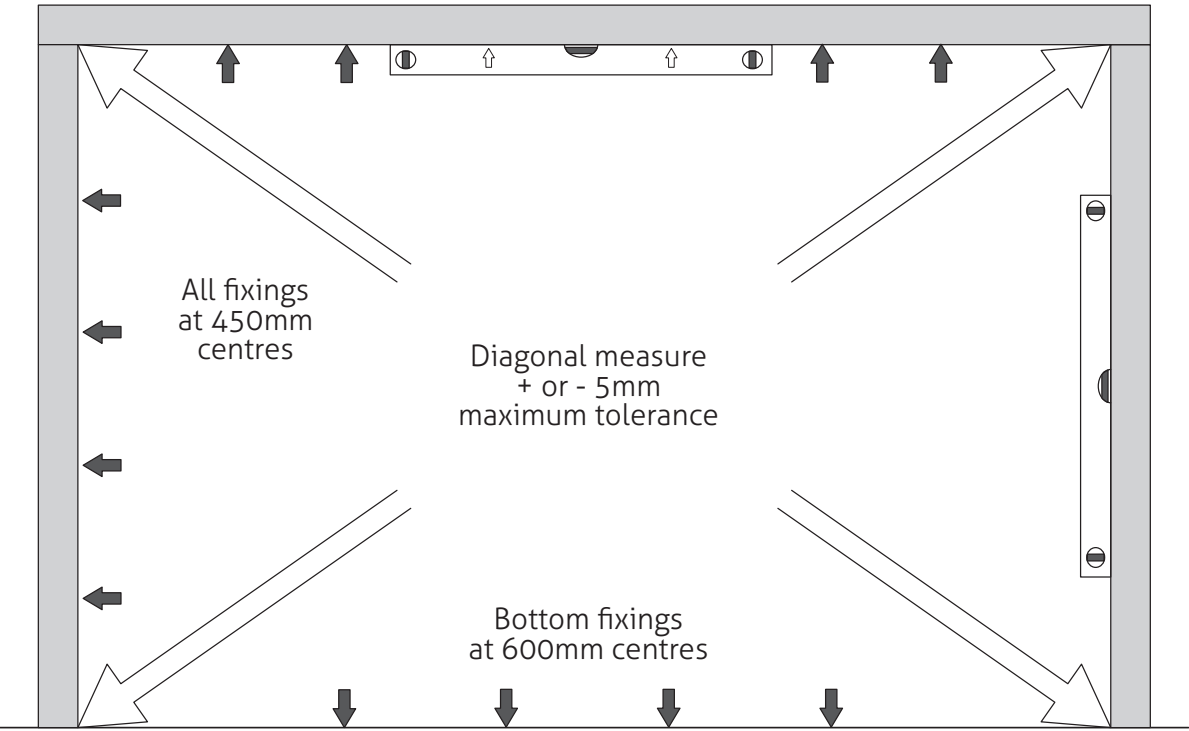
Check the frame is accurately square and plumb. Do not proceed with installation until the frame is accurately installed. Once the frame is installed check the rebate dimensions are correct to your chosen configuration of doors from the table.

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
5 door - 2943mm x 2078mm	5 + 0 x 573mm (22.5")	2943	2883
5 door - 3128mm x 2078mm	5 + 0 x 610mm (24")	3128	3068
5 door - 3508mm x 2078mm	5 + 0 x 686mm (27")	3508	3448
5 door - 3888mm x 2078mm	5 + 0 x 762mm (30")	3888	3828

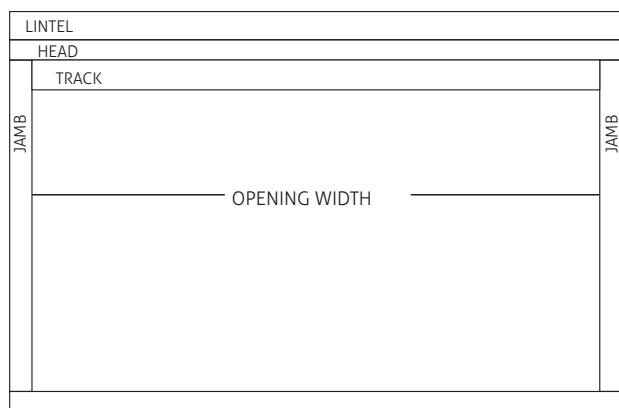


NOTE

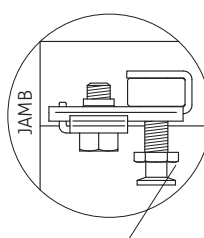
The threshold & frame head must be installed parallel to each other for correct door operation. Take care not to over-tighten bottom fixings causing base track & threshold to bend to your floor profile - pack as necessary under threshold.

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.

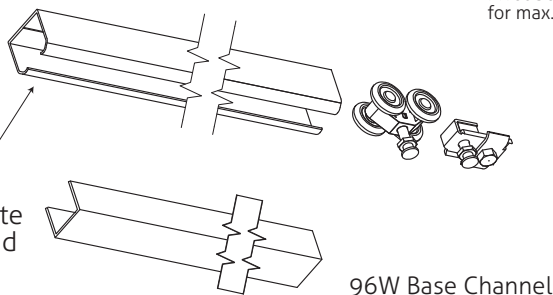


Cut the 96W aluminium base channel to length and fit inside wooden threshold. Allow room for wall bracket 806 (See section 08)



Pivot bolt away from jamb for max. opening.

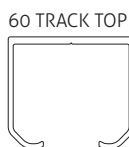
Cut track to length to fit inside the rebate under the frame head as required



96W Base Channel

07 INSTALLING YOUR DOORS

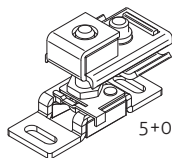
PACK COMPONENTS



60 TRACK TOP



96W CHANNEL BASE



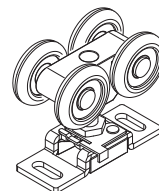
818 TOP PIVOT

5+0 = 1



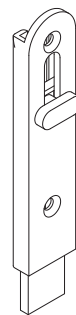
802 BOTTOM PIVOT

5+0 = 1



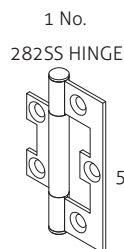
605 HANGER

5+0 = 2



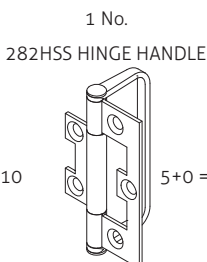
360 DROP BOLT

5+0 = 2



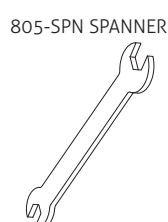
1 No. 282SS HINGE

5+0 = 10

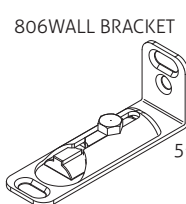


1 No. 282HSS HINGE HANDLE

5+0 = 2

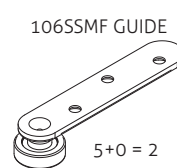


805-SPN SPANNER



806WALL BRACKET

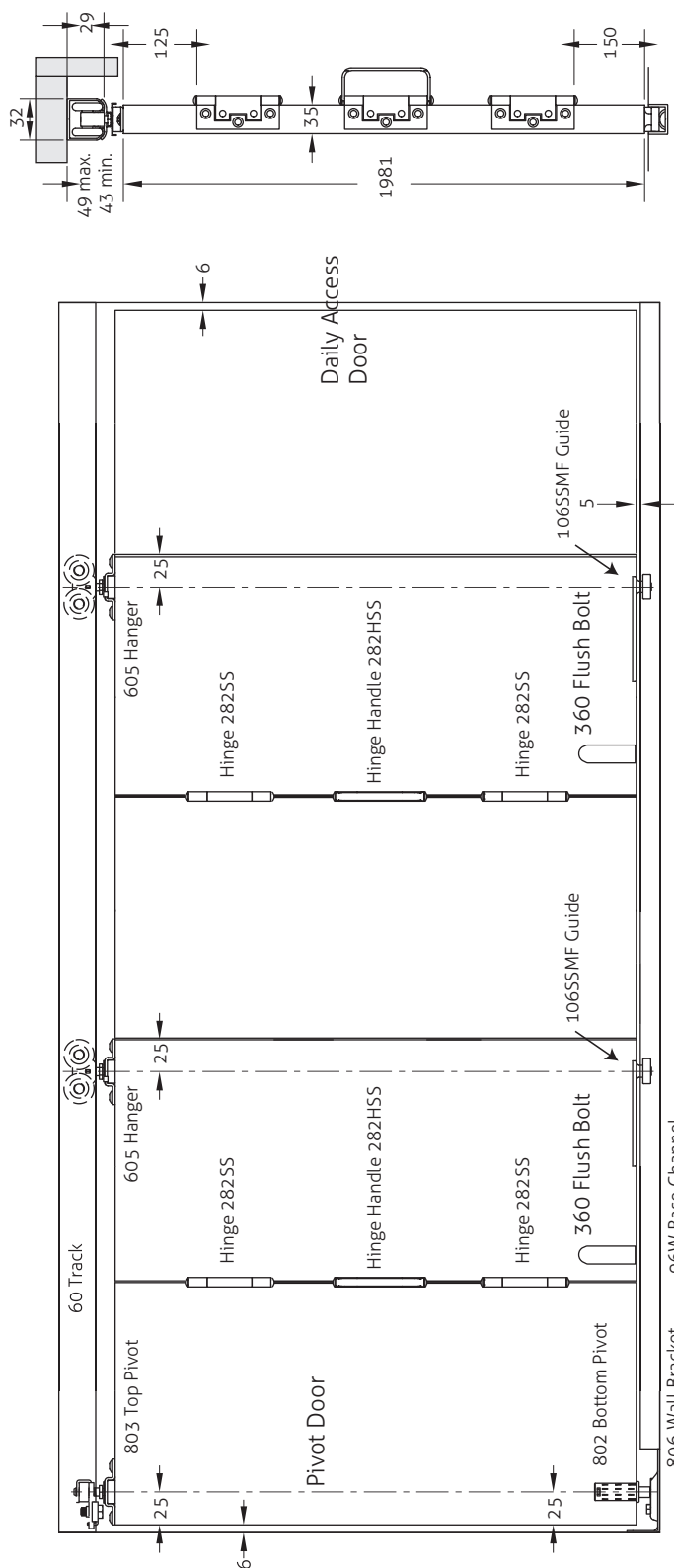
5+0 = 1



106SSMF GUIDE

5+0 = 2

08 HARDWARE LAYOUT



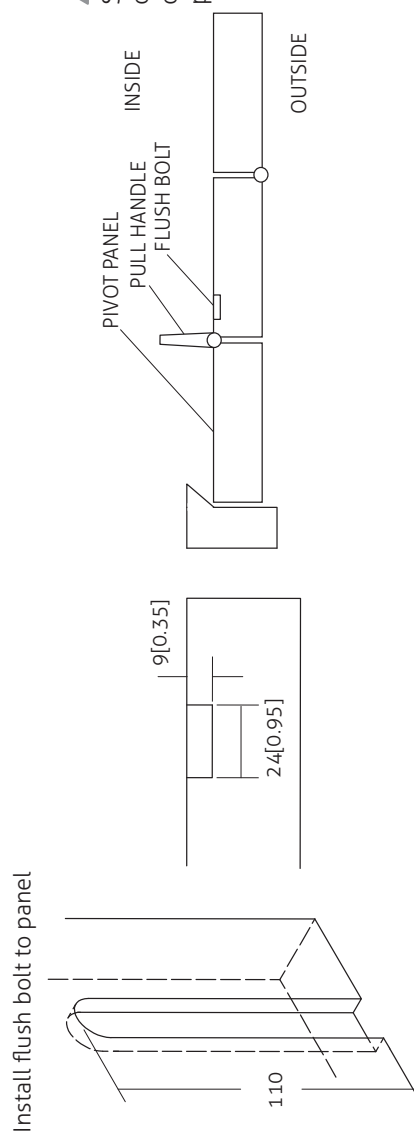
Clearances: 6mm between doors and frame jambs
5mm from underside of doors to threshold

09 FLUSH BOLT MACHINING



NOTE

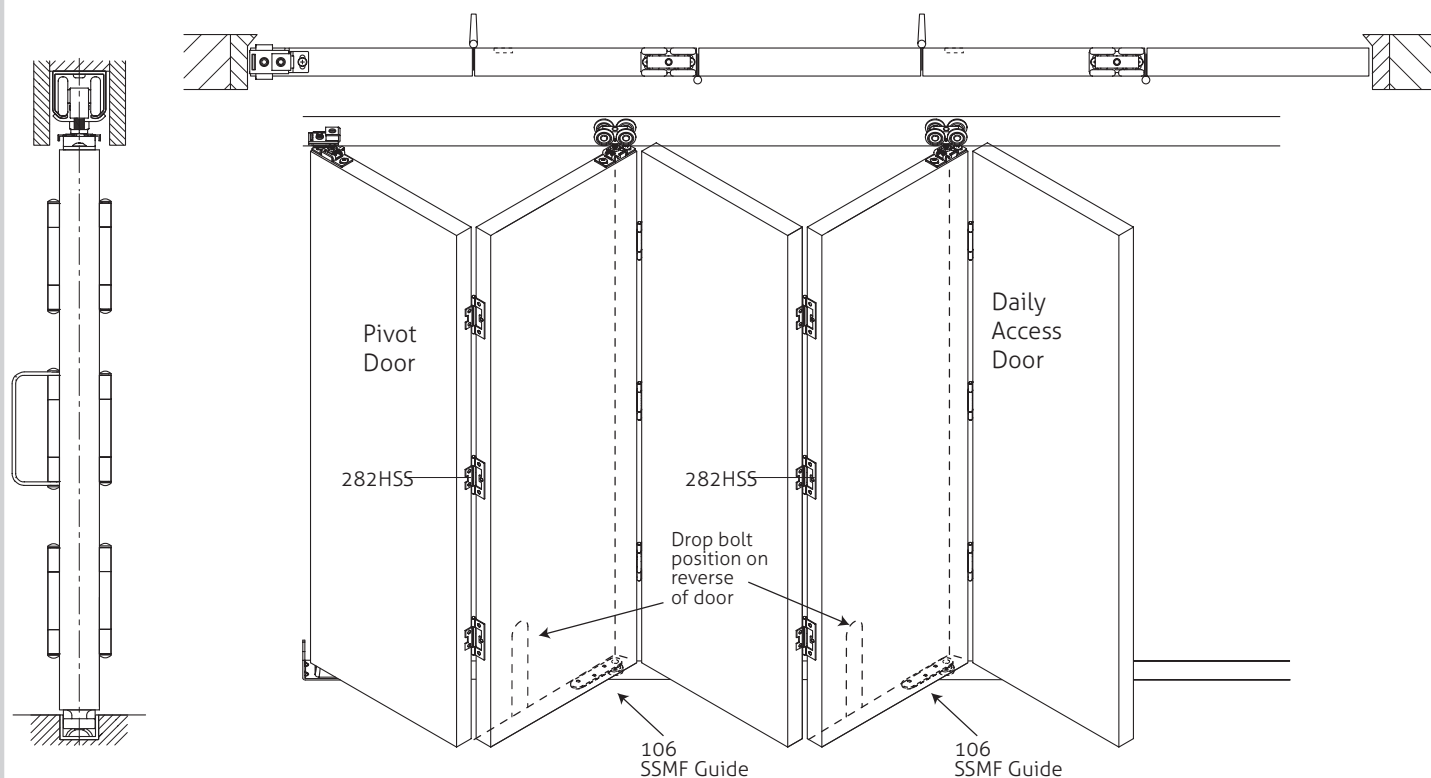
Should always be on the same side of the doors as the pull handle.



24mm Router required

10 FIT HARDWARE ON LEAVES

Attach hinges as shown below

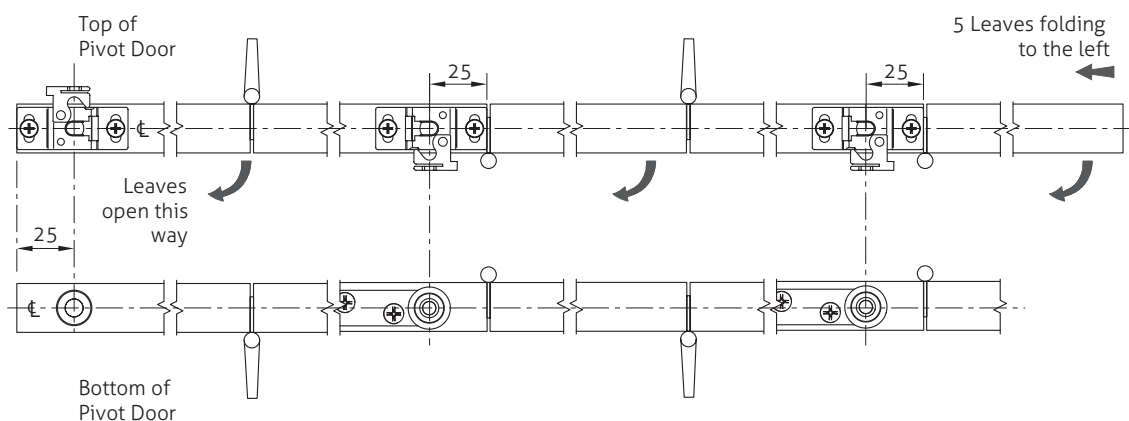


11 FIT PIVOT, GUIDES AND HANGER PLATES

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

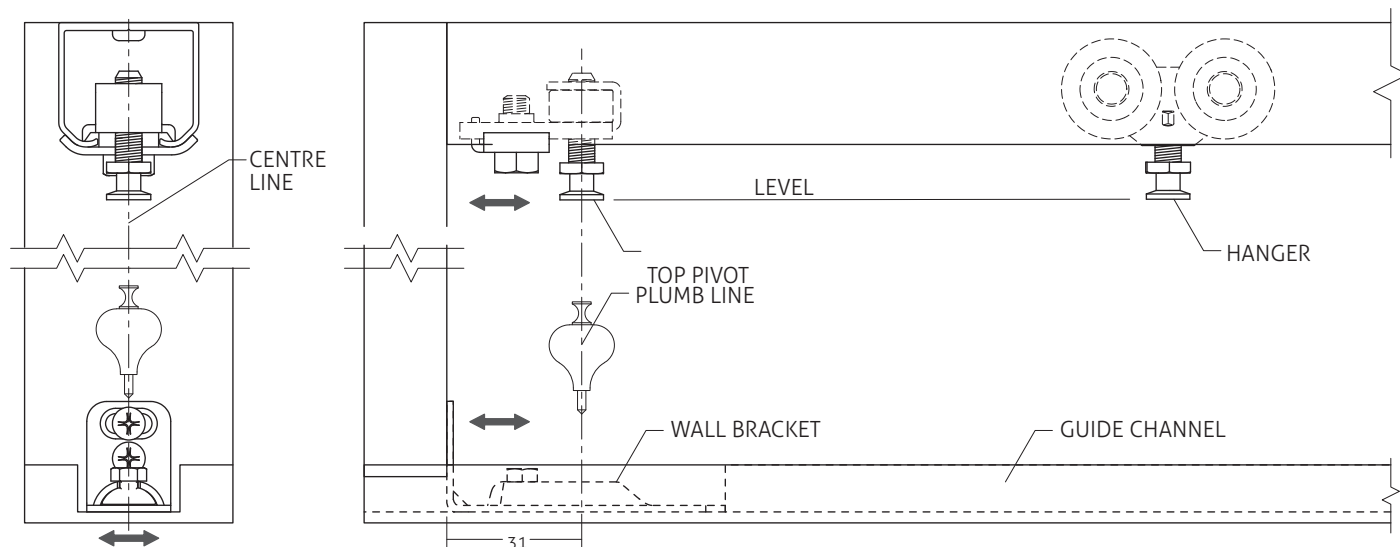


NOTE

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.

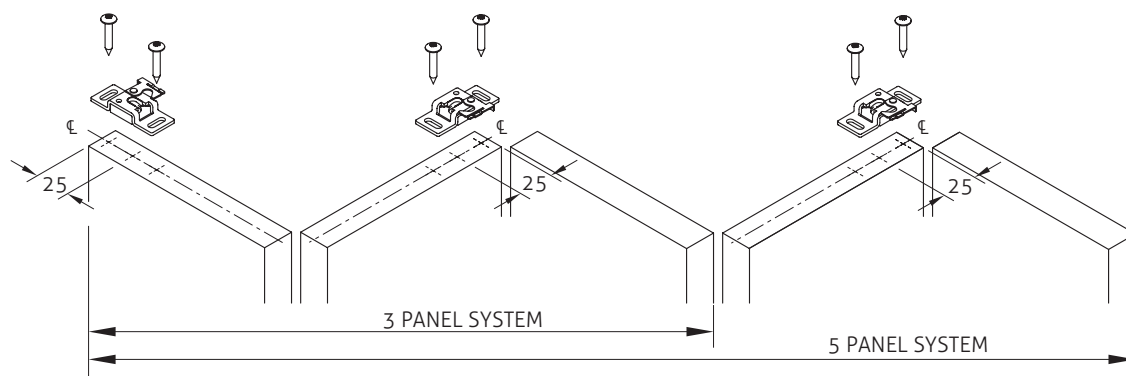
12 POSITION TOP PLATE AND WALL BRACKET

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

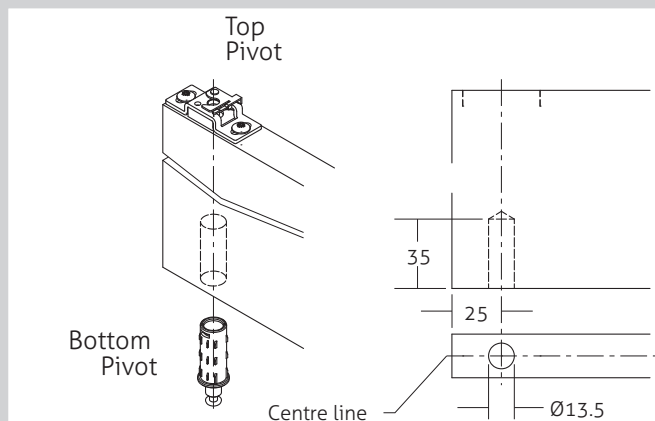


13 PRE DRILL PILOT HOLES DETAIL

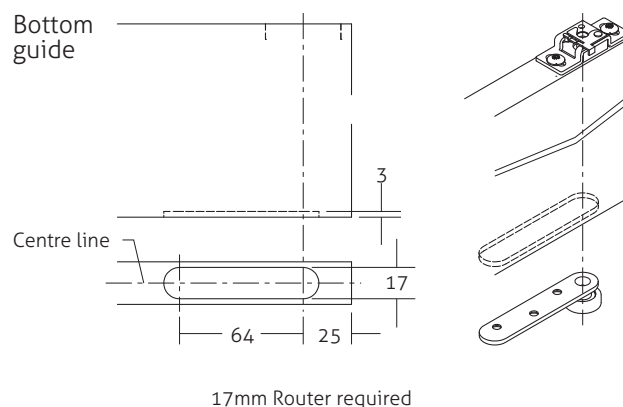
Pre-drill pilot holes diameter 3mm x 25 deep for mounting plates.



14 BOTTOM PIVOT DETAIL



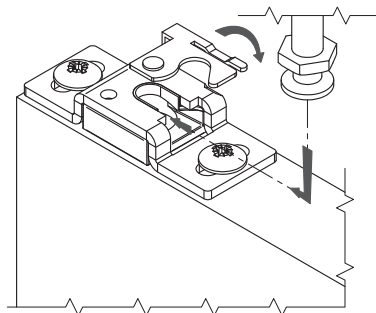
15 BOTTOM GUIDE ROUTER DETAIL



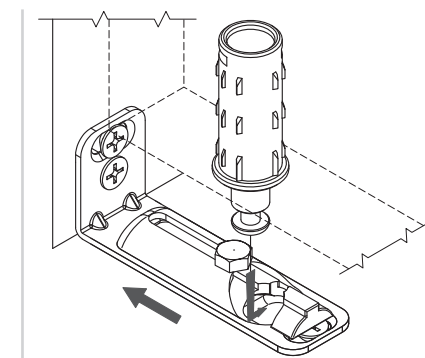
16 FIT LEAVES - DETAIL

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

Insert bolt of pivot into plate on leaf.

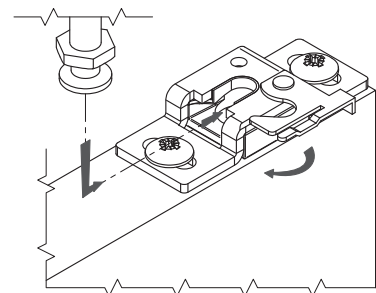


Secure bolt retainer plate.



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

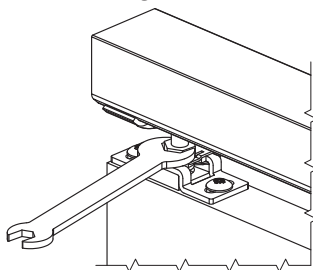
Insert bolts of hangers into plates on leaves.



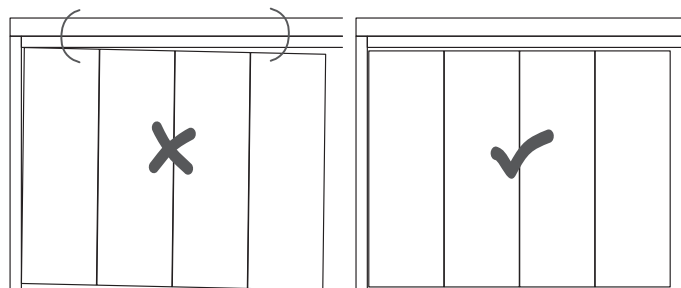
Secure bolt retainer plate.

17 ADJUST HEIGHT & ALIGN LEAVES

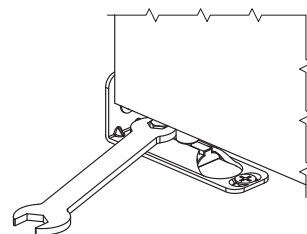
Screw Top Pivot and Hangers to adjust height.



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

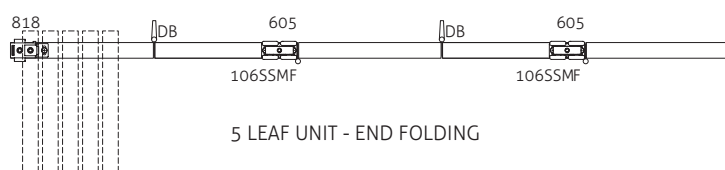


Once leaves are level lock off bottom pivot.



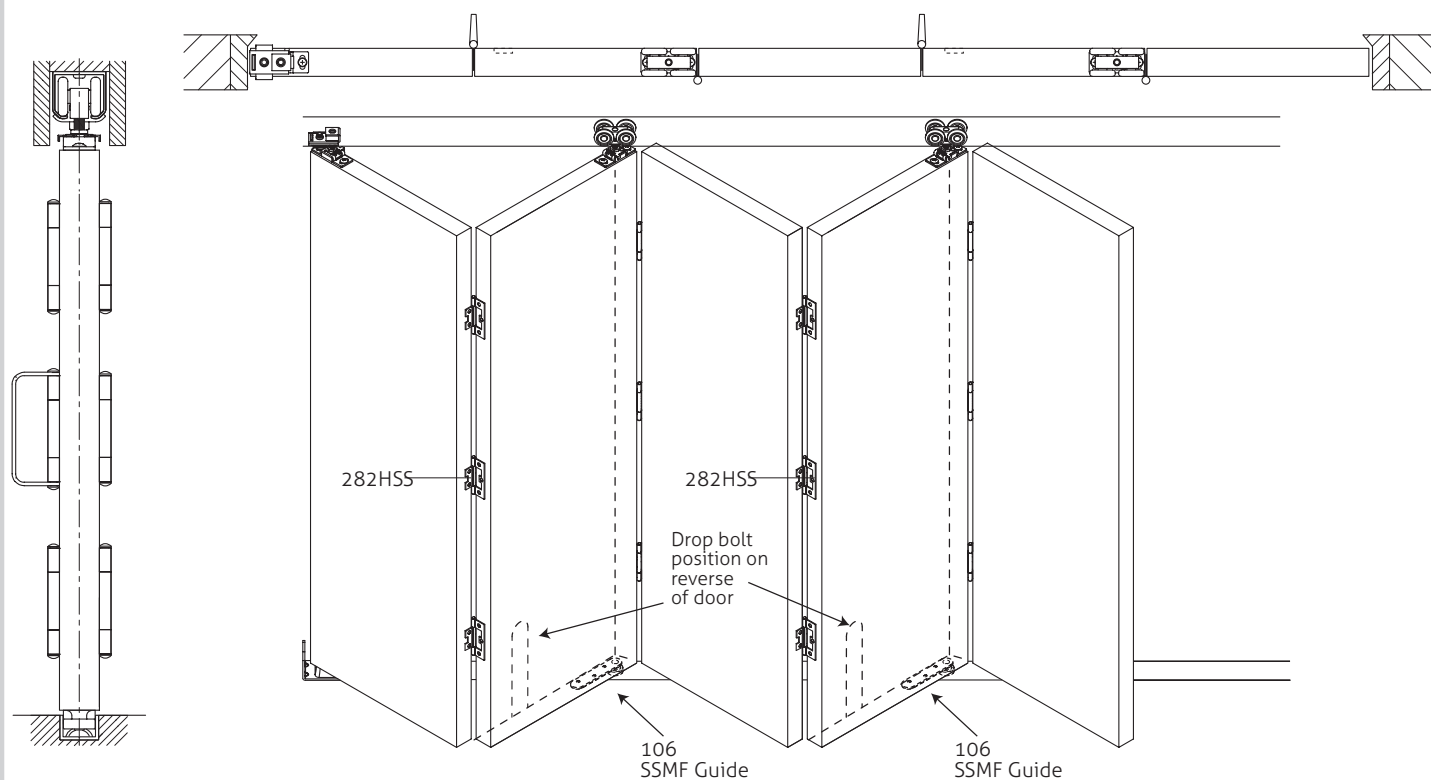
18 DOOR HARDWARE SET ORIENTATION

DB= Drop Bolt. Left systems shown.

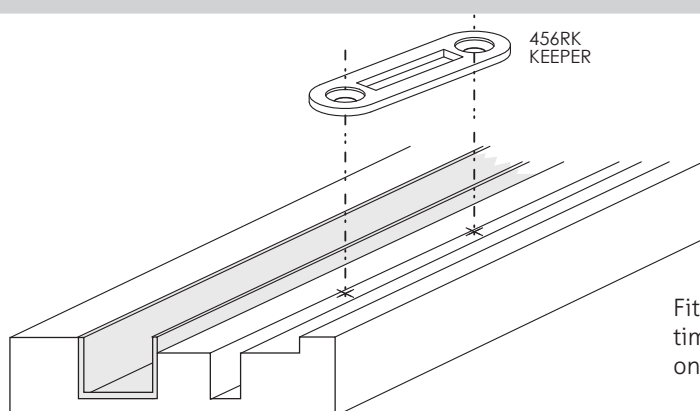


5 LEAF UNIT - END FOLDING

19 SYSTEM OVERVIEW CHECK



20 FITTING DROP BOLT KEEPS



Fit drop bolt keeps between track & timber rebate below drop bolts on doors & screw to fix.



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