OZ SHELVING SYSTEMS

RAPI-MOUNT®
MELAMINE SHELVING

Instructions manual

SIMPLY
BETTER
STORAGE
SYSTEMS

Robe Shelf Brace

Front Channel

Wall Channel Clip

Wall Channel

Rod End Bracket
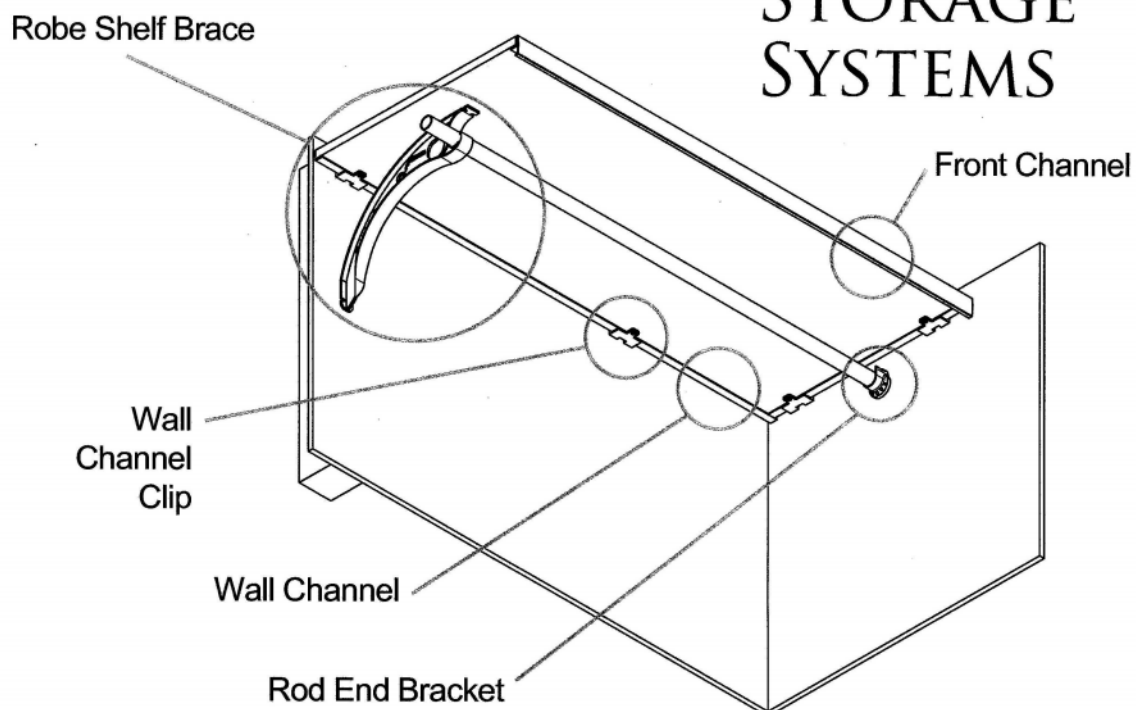
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Revisions

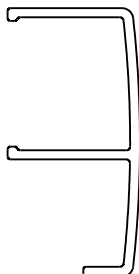| Date	Amendment details	Issue version
30/10/21	Re issue	B

RM005
Back Channel
5.6m white (16 pack)
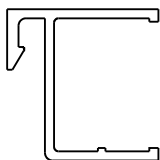
RM006
Front Channel
5.6m white (10 pack)

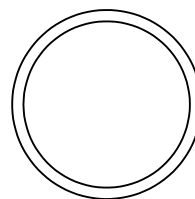## RM008
Hanging Rod
5.6m white (5 pack)

RM016
H-Mould
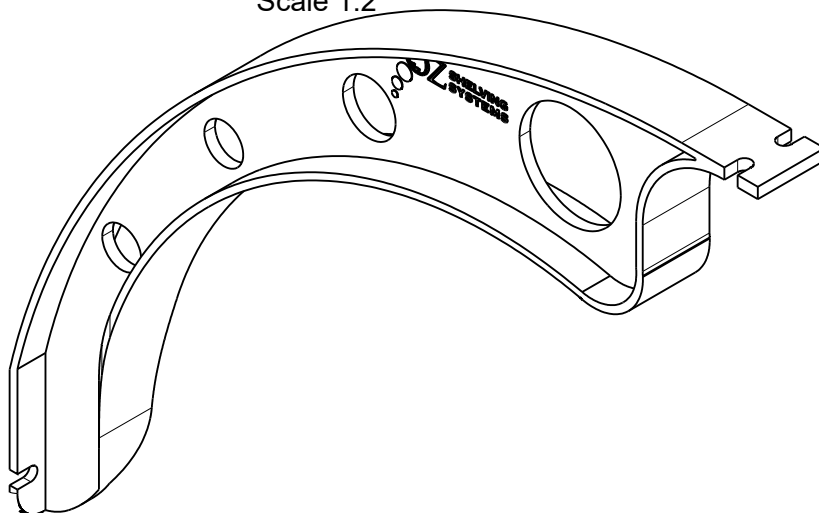5.6m White (5 pack)

RM001
Robe Shelf support
White (75 Pack)
Scale 1:2
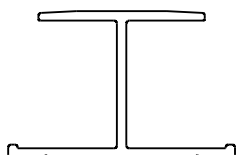
RM004
Rod End Bracket
White (100 pack)

RM002
Linen Shelf support
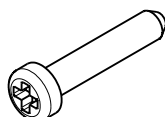White (75 Pack)
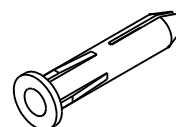Scale 1:2
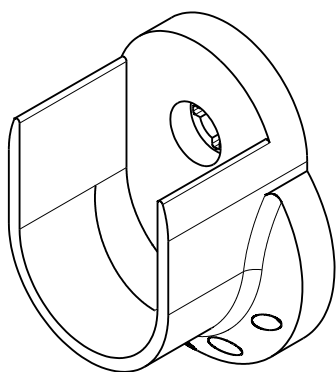
RM013
Pan 8g x 13 screw
White (1000 pack)
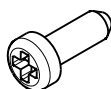
RM025
Pan 8g x 25 screw
White (1000 pack)
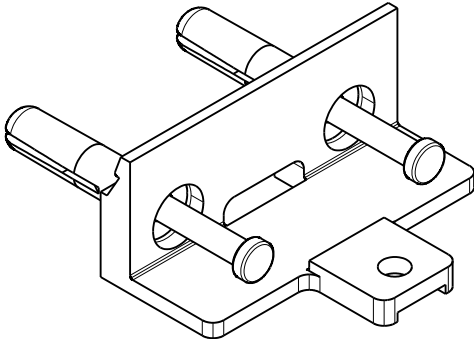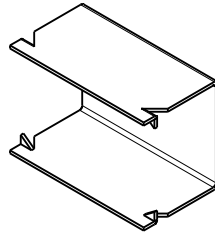
RM009
Wall plug
White (100 pack)
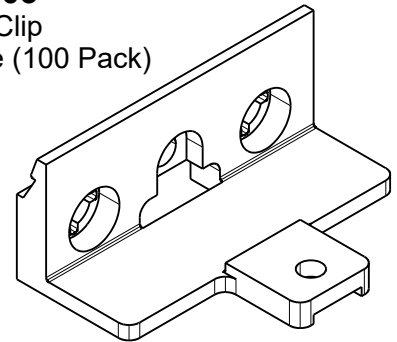
RM012
Pre-loaded wall clip
White (100 pack)

RM014
Spring Clip
Galvanised (1000 pack)

RM003
Wall Clip
White (100 Pack)

RM017
Front channel end caps
White (100 pack)
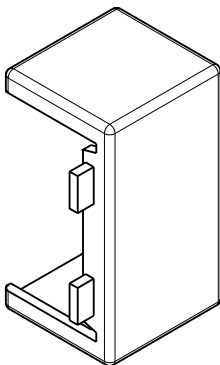
RM007
Rod end caps
White (100 pack)
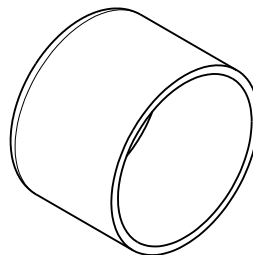
RMDT01
Drill Template
White
Scale 1:10

RM015
Back channel end cap
White (100 pack)
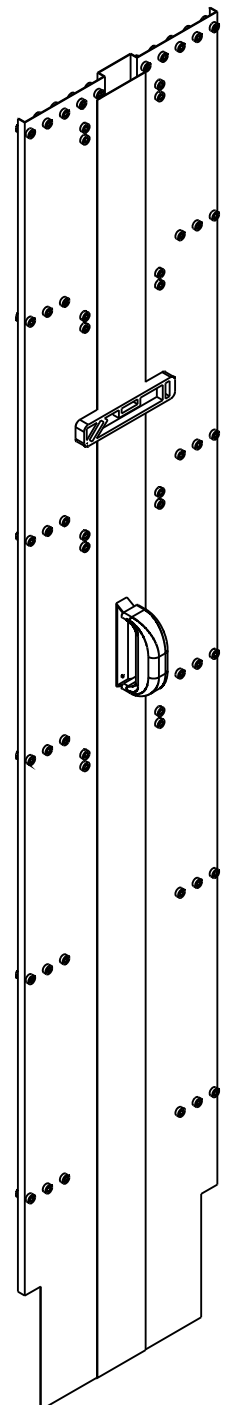
RMPPT01
Push tool
Scale 1:2
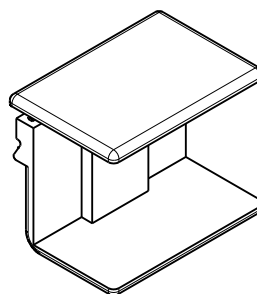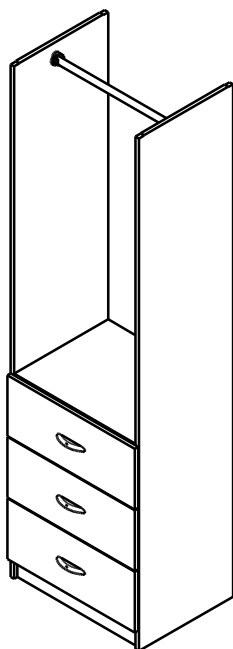
2077 x 440 - 3 Drawer with Rod
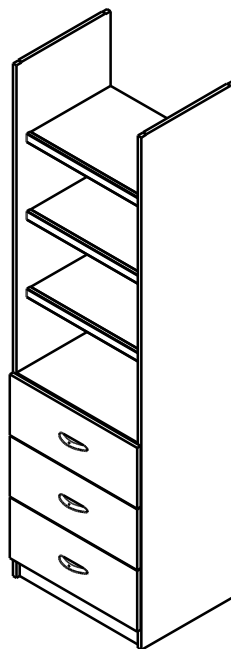
2077 x 440 - 3 Drawer 3 Shelves

2077 x 440 - 4 Drawer with Rod
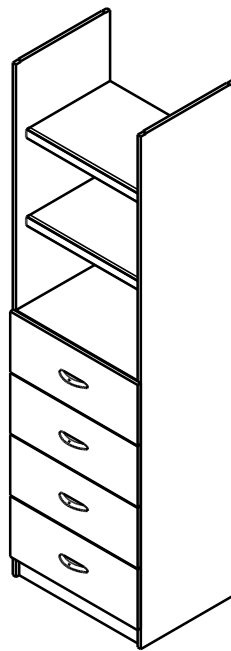
2077 x 440 - 4 Drawer, 2 shelves

Specifications:
Maximum tower carcass width: 900mm
Minimum tower depth: 410mm (overlay drawer)
426mm (inlay drawers)
***** no top cleat, use system 32 bracket****
440mm with glass top

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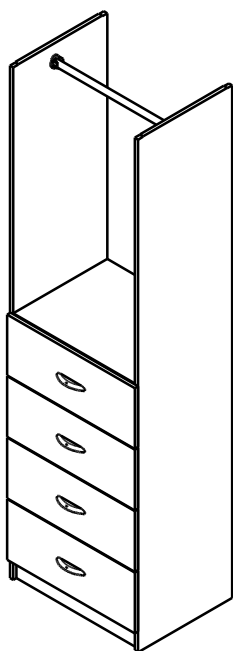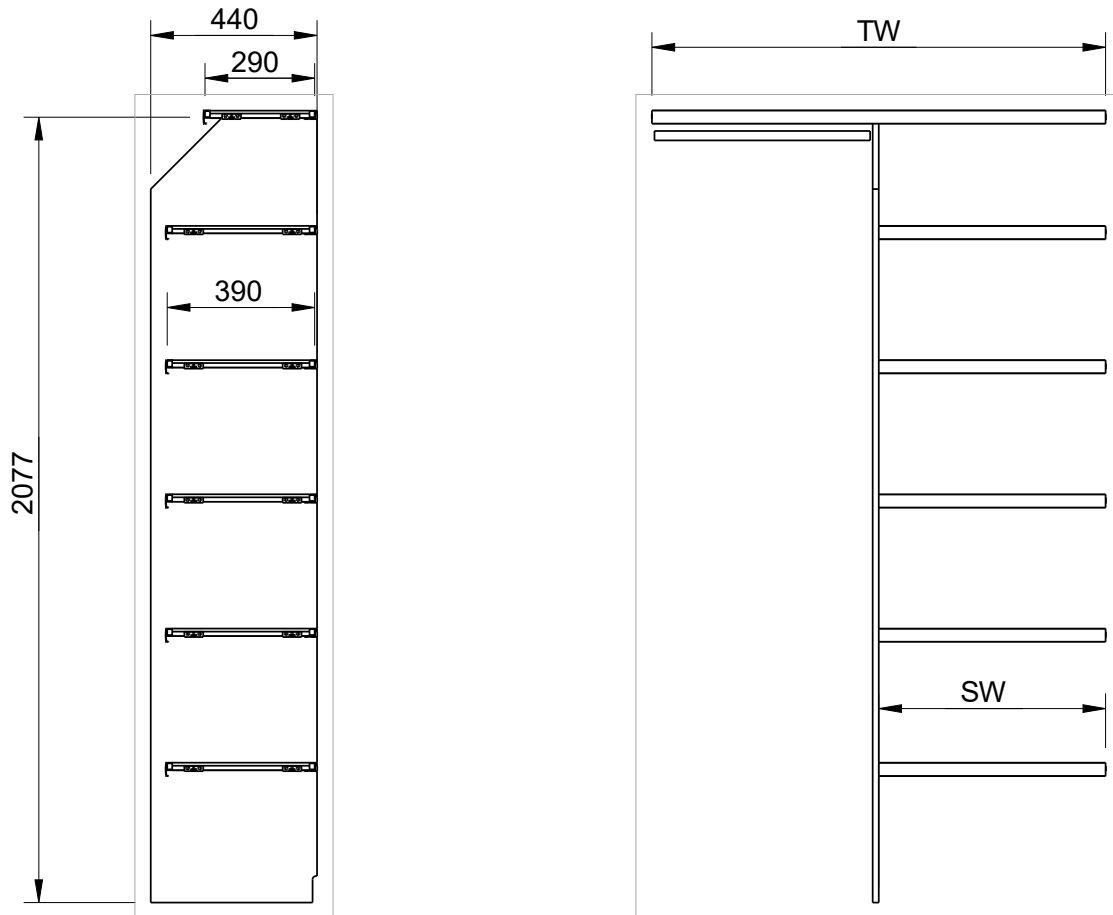| Item	Qty	Part #	Description	Size	Calculated
1	1	RM021	Gable 2077 x 440		
2	1	RM290	290 deep top shelf	TW - 18	
3	5	RM390	390 deep tower shelves	SW - 18	
4	1	RM006	Top shelf front channel	TW -18	
5	5	RM006	Tower front channels	SW -18	
6	2	RM005	Top shelf side channels	262	
7	1	RM005	Top shelf back channel	TW - 18	
8	10	RM005	Tower side channels	362	
9	5	RM005	Tower back channels	SW -18	
10	1	RM008	Hanging rod	TW - SW - 31	
11	21	RM012	Pre loaded wall clip		
12	10	RM003	Wall clip		
13	2	RM004	Rod end bracket		
14	32	RM013	Pan 8g x 13 screw		
15	2	RM009	Wall plug		
16	2	RM025	Pan 8g x 25 screw		
17	14	RM014	Spring clips		
18	12	RM015	Back Channel Cap		
19	12	RM017	Front Channel Cap		

OZ SHELVING SYSTEMS
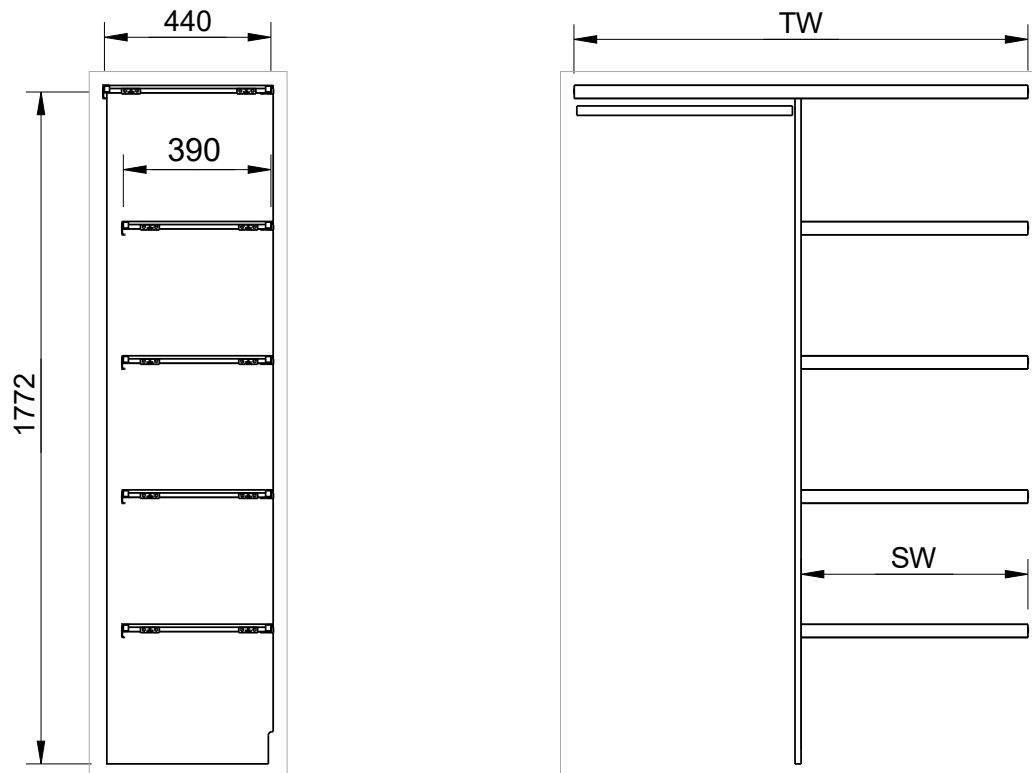
Item	Qty	Part #	Description	Size	Calculated
1	1	RM018	Gable 1772 x 440		
2	1	RM290	440 deep top shelf	TW - 18	
3	5	RM390	390 deep tower shelves	SW - 18	
4	1	RM006	Top shelf front channel	TW -18	
5	5	RM006	Tower front channels	SW -18	
6	2	RM005	Top shelf side channels	412	
7	1	RM005	Top shelf back channel	TW - 18	
8	10	RM005	Tower side channels	362	
9	5	RM005	Tower back channels	SW - 18	
10	1	RM008	Hanging rod	TW - SW - 31	
11	21	RM012	Pre loaded wall clip		
12	10	RM003	Wall clip		
13	2	RM004	Rod end bracket		
14	32	RM013	Pan 8g x 13 screw		
15	2	RM009	Wall plug		
16	2	RM025	Pan 8g x 25 screw		
17	14	RM014	Spring Clip		
18	12	RM015	Back Channel Cap		
19	12	RM017	Front Channel Cap		

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DETAIL A

20 TYP

2 TYP

DETAIL B

20

2

A

B

20

2

1mm edging

1mm edging

135°

1772

1885

2077

1mm edging

Use RMDT01 template
to mark position of wall clips
and hangingrod end bracket

C

C

440

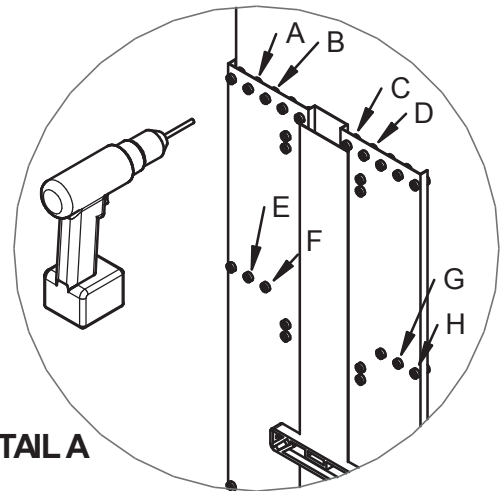440

13

R9.5

80

DETAIL C

This slot is optional
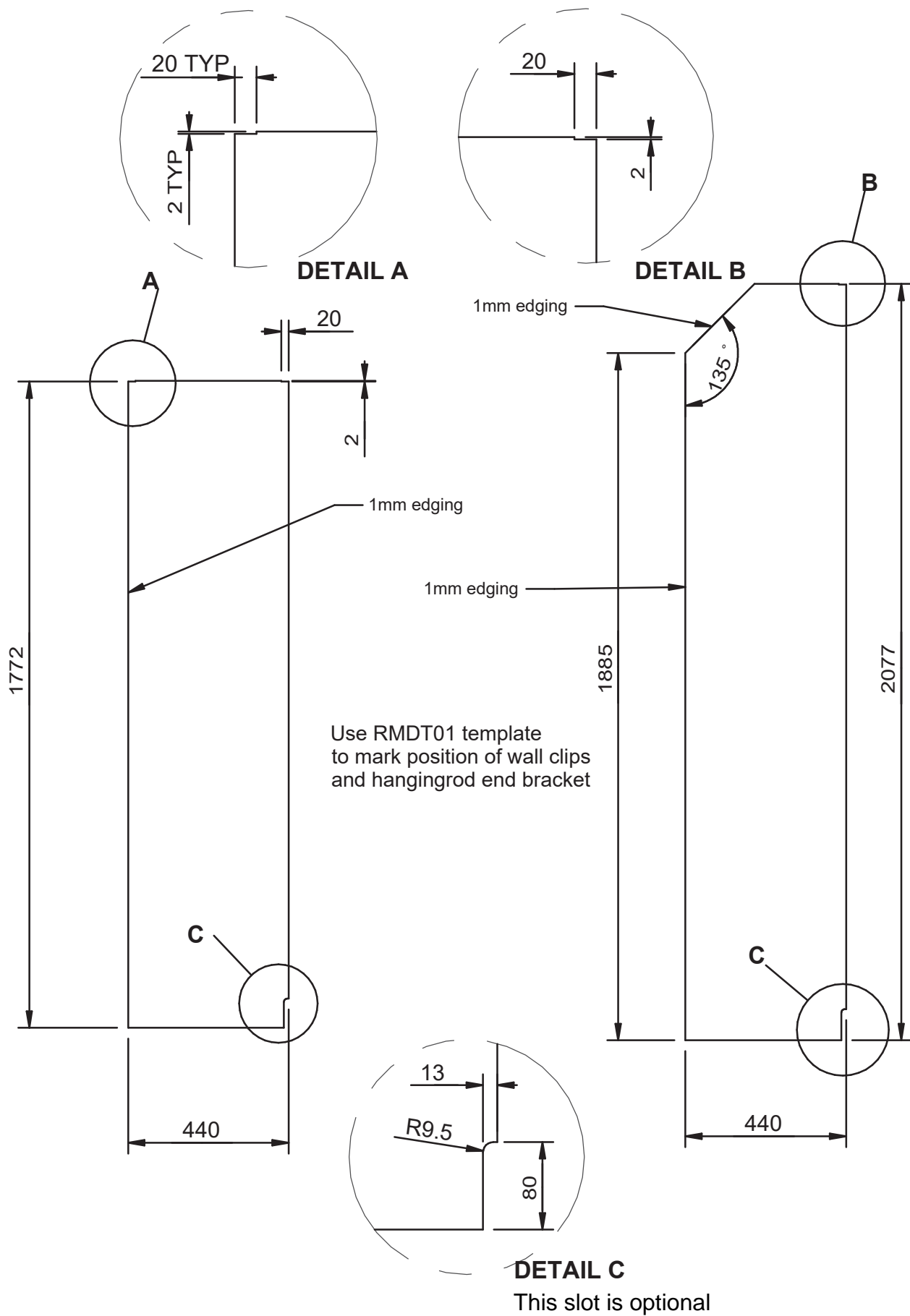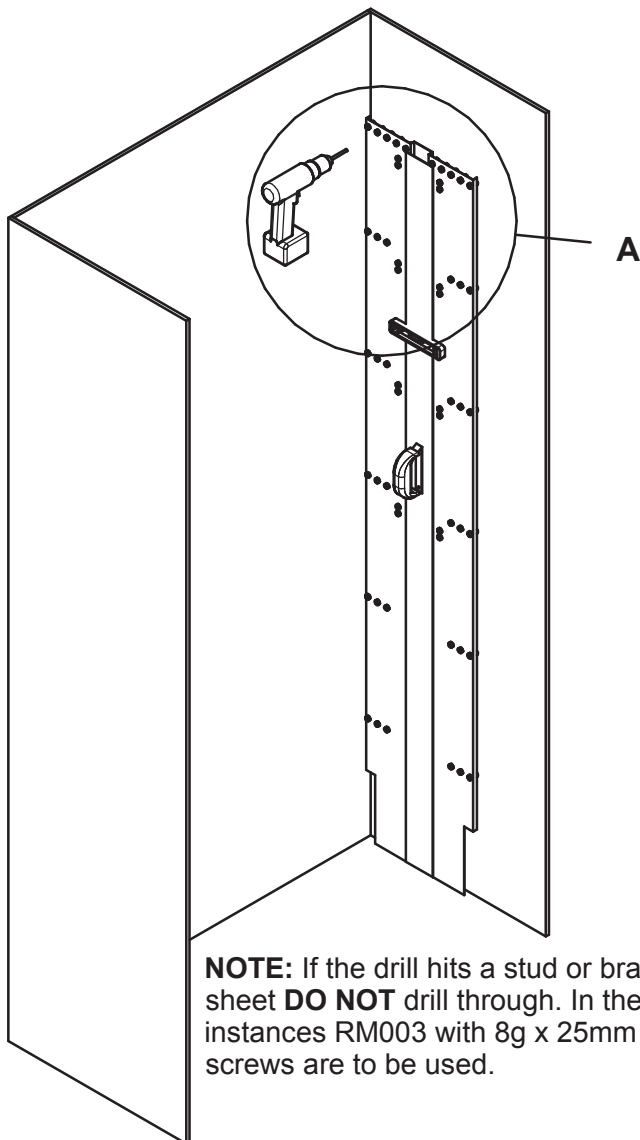
DETAIL A

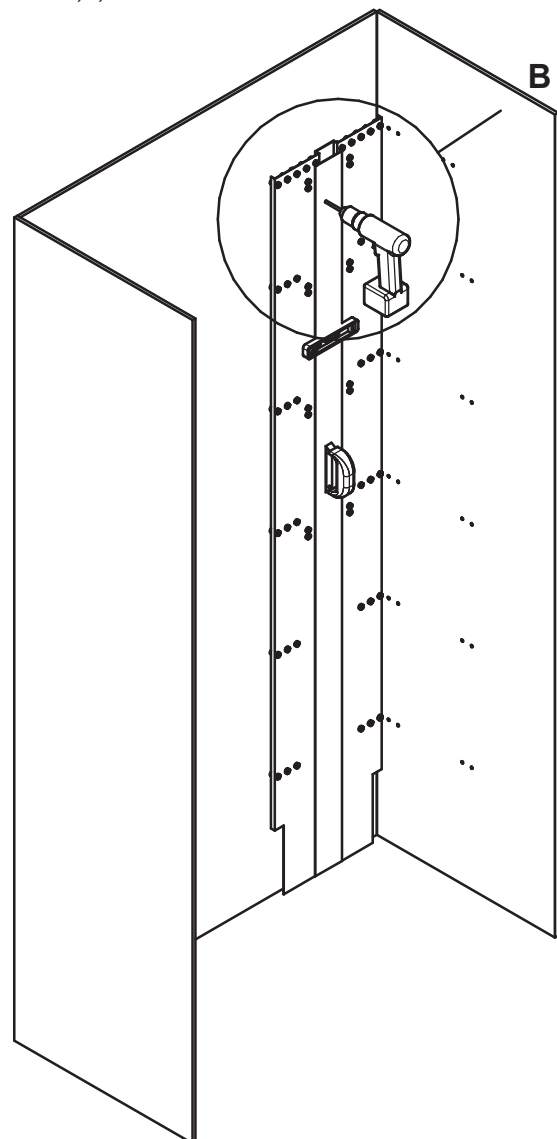**STEP 1 Drilling end wall**
For a 290mm deep top shelf,
drill holes A,B,C & D

For 390mm or 440mm deep shelves,
drill holes E,F,G & H.

A

B

NOTE: If the drill hits a stud or bracing sheet **DO NOT** drill through. In these instances RM003 with 8g x 25mm screws are to be used.

DETAIL B

STEP 2 Drilling back wall
Drill holes J & K

STEP 3
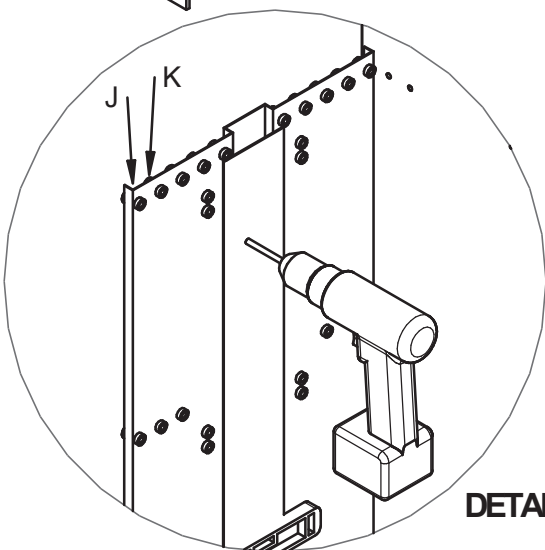Move RMDT01 drill template by approx 600mm, then drill the next 2 holes on the left hand side of template.

NOTE: If the drill hits a stud or bracing sheet **DO NOT** drill through. In these instances RM003 with 8g x 25mm screws are to be used.
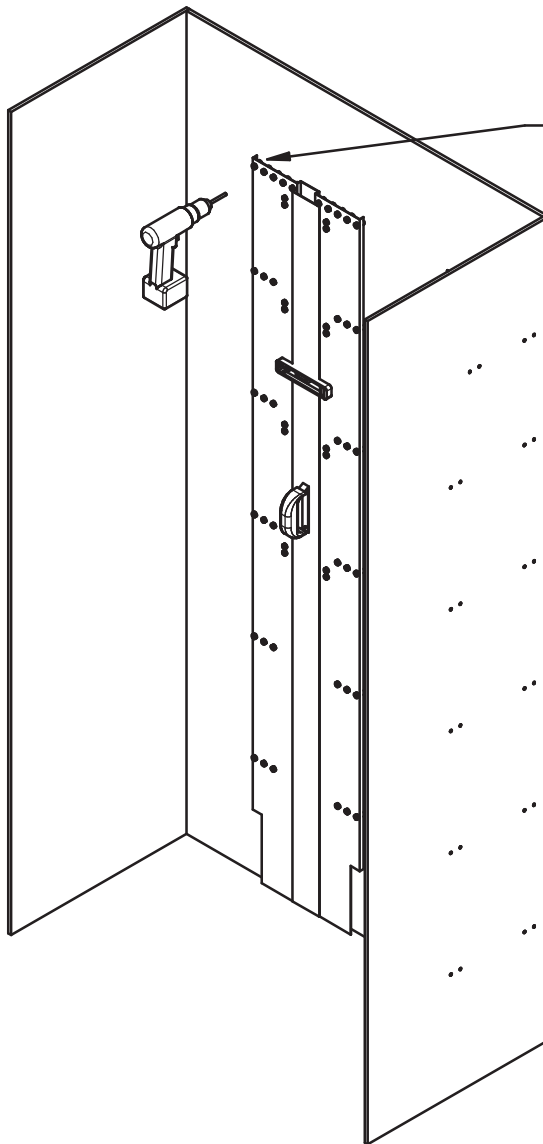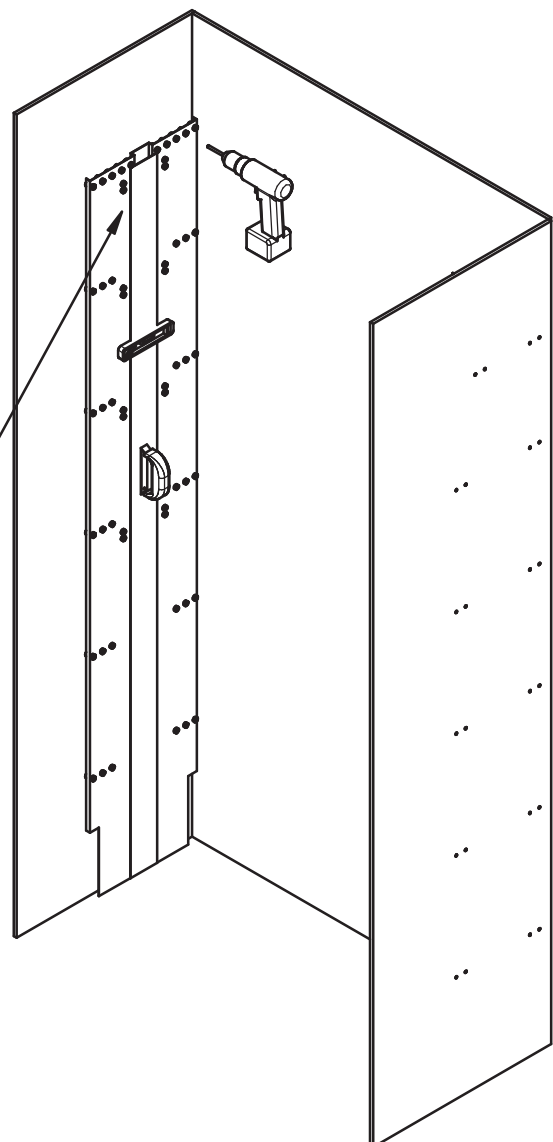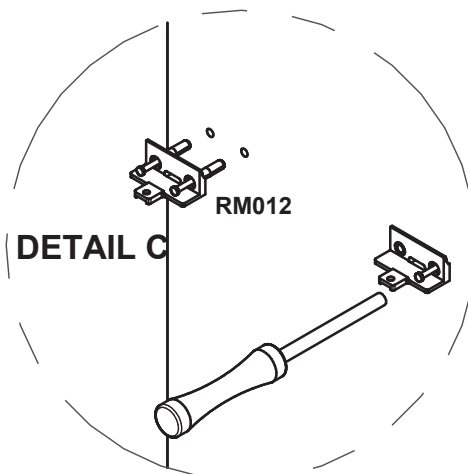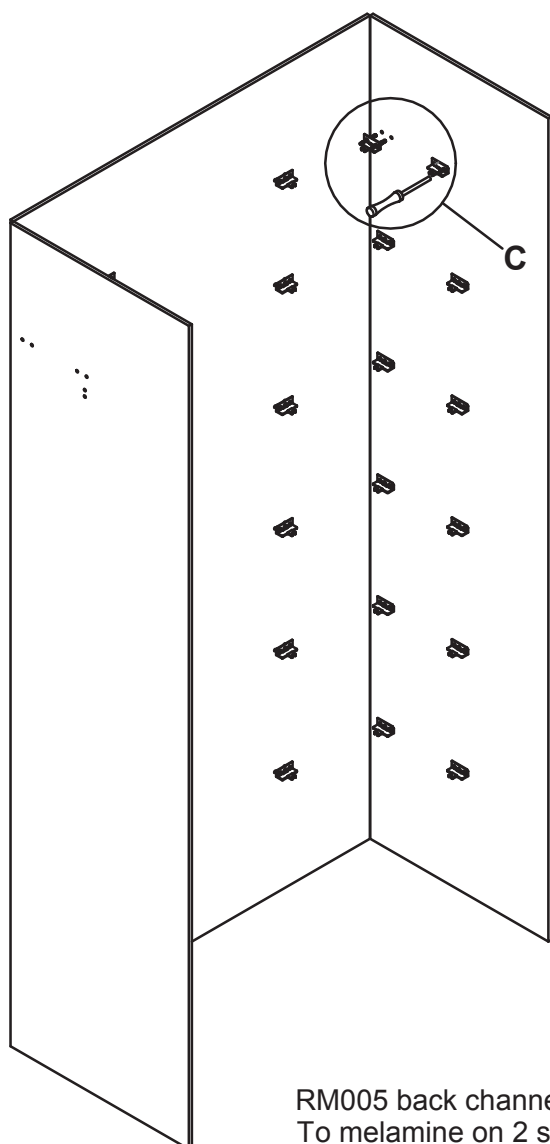
STEP 4
Finishing drilling all appropriate shelf holes not forgetting to drill the holes for the RM004 rod end bracket

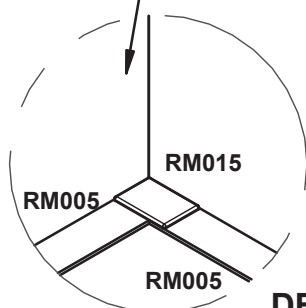## Installation Step 5 & 6 - Fit Wall Clips

DETAIL C

RM012

C

STEP 5
Fit RM012 pre-loaded wall clips into pre-drilled wall.

NOTE: RM003 wall clips will need to be used when a stud or wall bracing is struck, and when bracing shelf refer installation step 13 for more details.

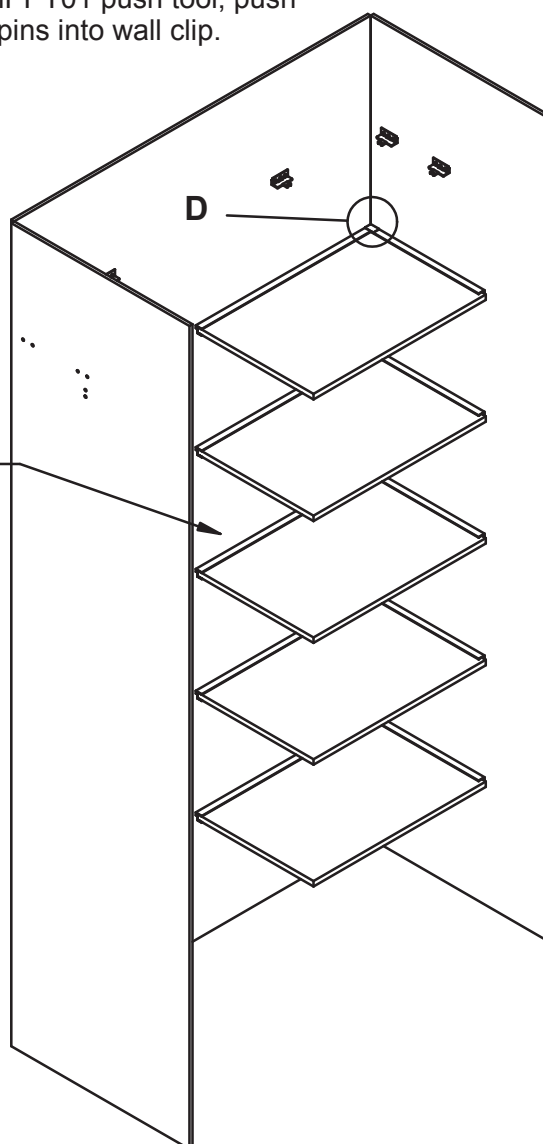Using RMPPT01 push tool, push the steel pins into wall clip.

D

RM005 back channel to be fitted
To melamine on 2 sides.
Also fit RM015 back channel
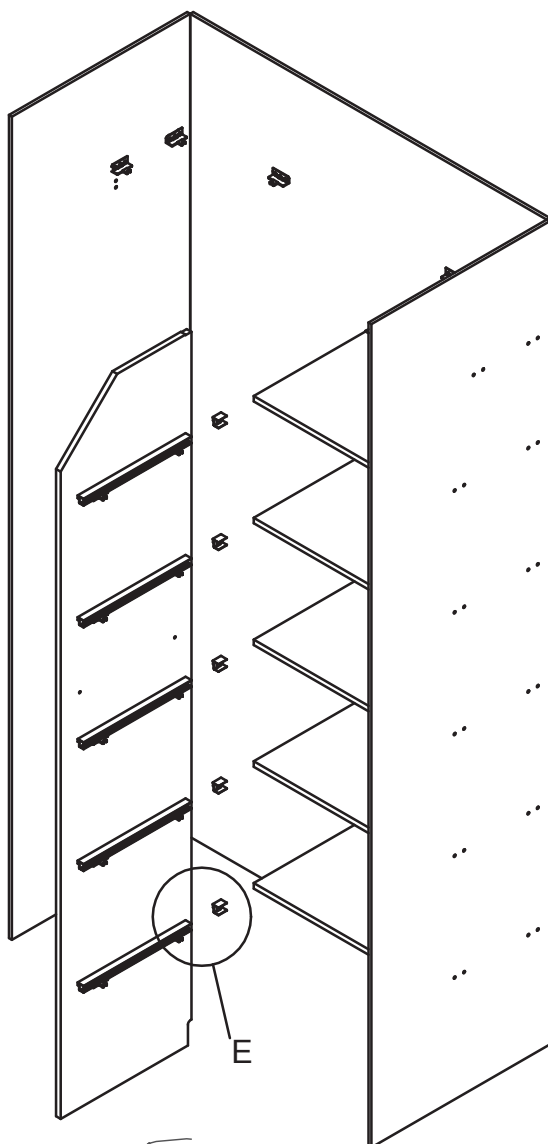end cap to side wall channel.

RM015

RM005

RM005

DETAIL D

STEP 6
Starting from the bottom shelf,
place shelf so that RM005 back channel
fits over wall clip tapping down at each
wall clip position so as to secure in place.

STEP 7

With RM003 wall clips fastened to gable and RM005 channel clipped on, slide gable onto end of shelves. RM015 also needs to be fitted on the end of the RM005 channel.

E

RM015

RM005

DETAIL E

RM003
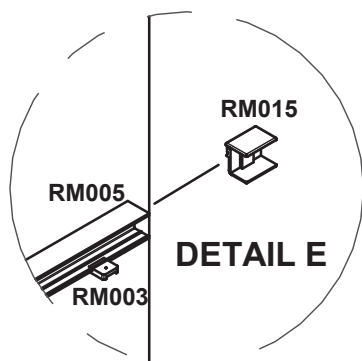
STEP 8

With RM005 back channel on 3 sides of top shelf, locate one end, then lower the over end into place tapping down at where the wall clip are positioned to secure shelf in place.

Installation Steps 9 & 10 -Front Channel

RM005

F

G

Location lugs

RM017

RM006

Detail G
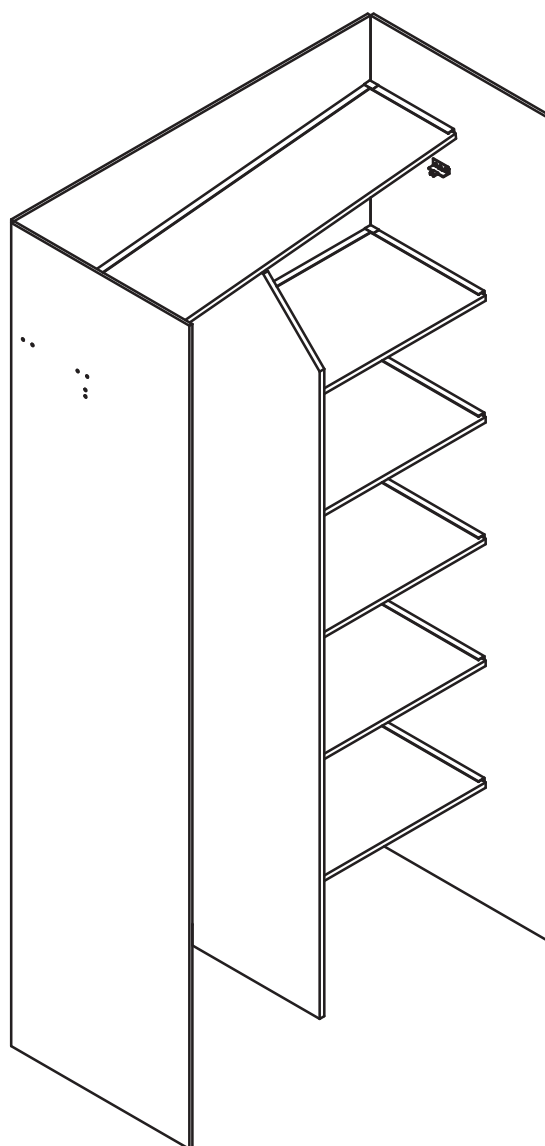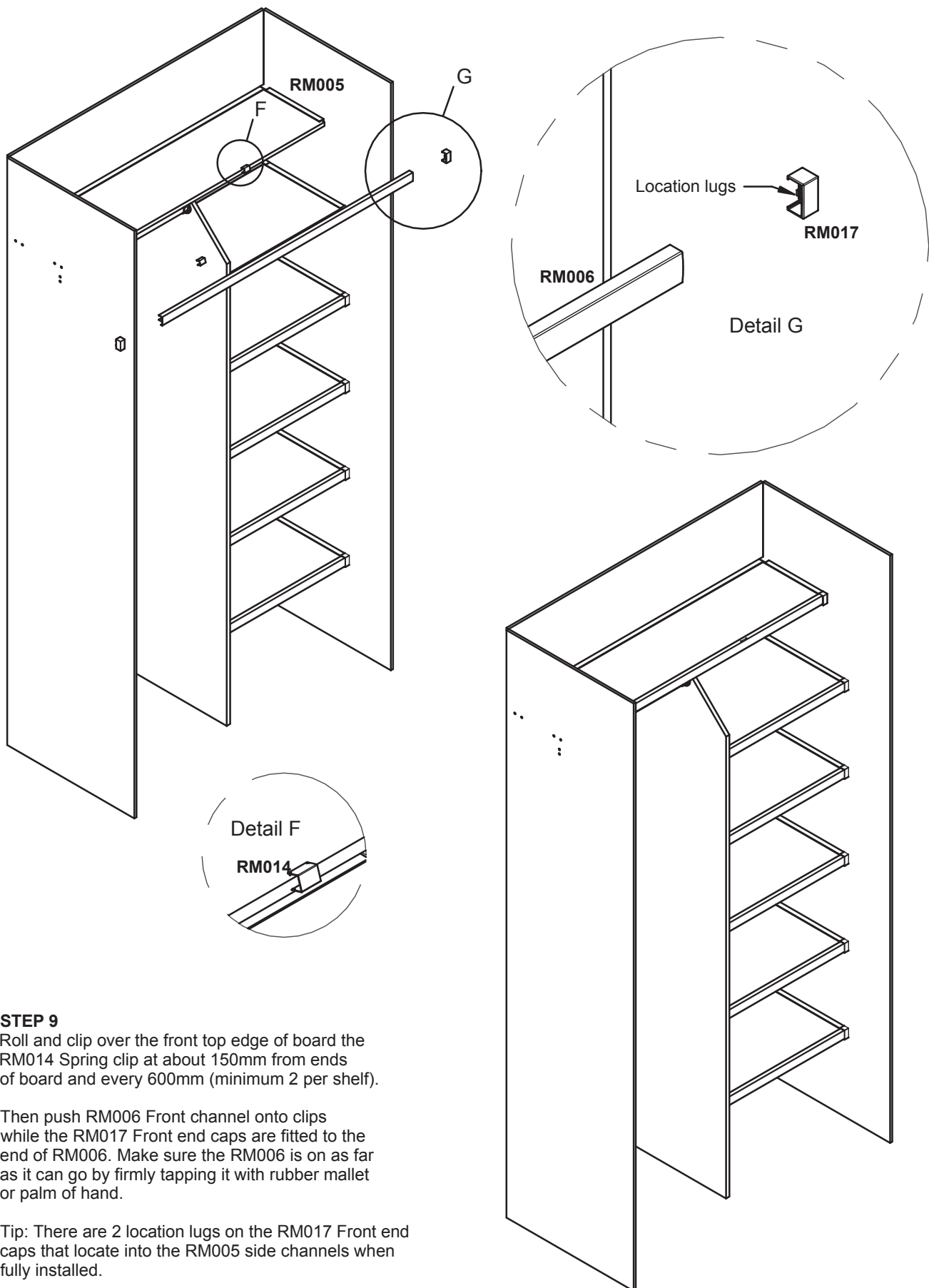
Detail F

RM014

STEP 9
Roll and clip over the front top edge of board the
RM014 Spring clip at about 150mm from ends
of board and every 600mm (minimum 2 per shelf).

Then push RM006 Front channel onto clips
while the RM017 Front end caps are fitted to the
end of RM006. Make sure the RM006 is on as far
as it can go by firmly tapping it with rubber mallet
or palm of hand.

Tip: There are 2 location lugs on the RM017 Front end
caps that locate into the RM005 side channels when
fully installed.
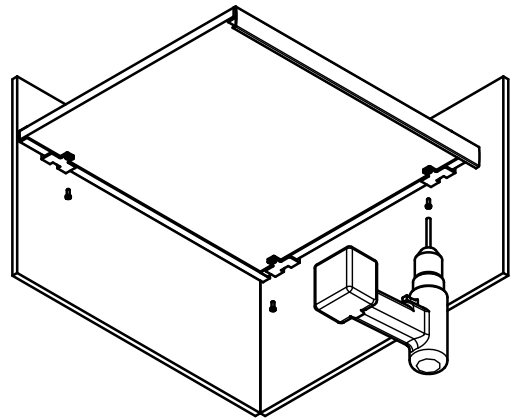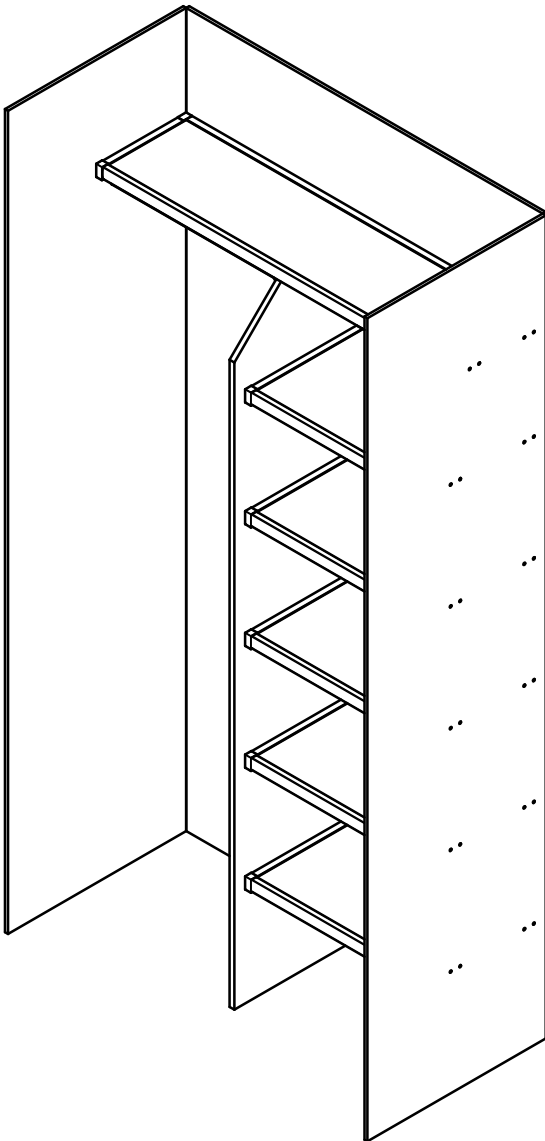
STEP 11

Fasten through wall clips with
RM013 pan 8g x 12 screws @ 600 ctrs
with a minimum of 3 screws per shelf.

E

DETAIL E

STEP 12
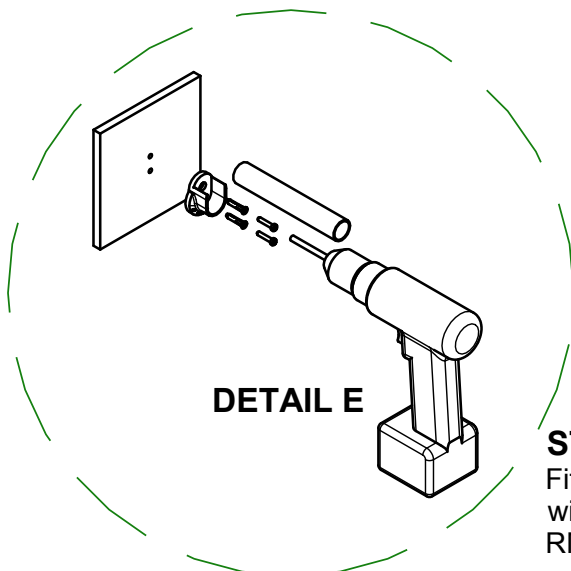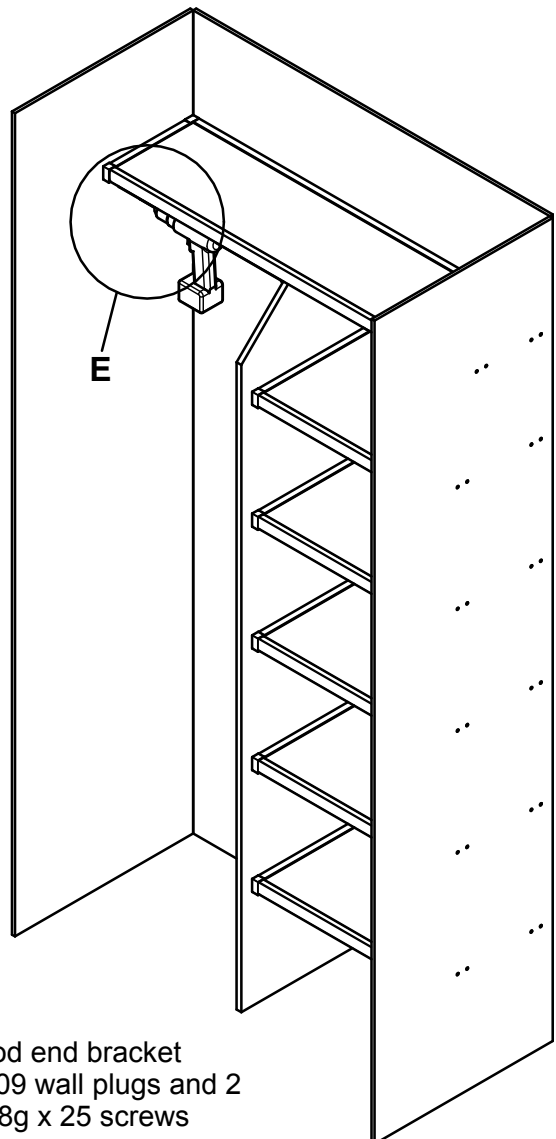
Fit RM004 rod end bracket
with 2 RM009 wall plugs and 2
RM025 pan 8g x 25 screws

Installation Step 13 - Bracing Shelf

F

2 x RM013
Pan 8g x 13 screws

2 x RM025
pan 8g x 25 screws

RM025
Pan 8g x 25 screw

RM009
Wall plug
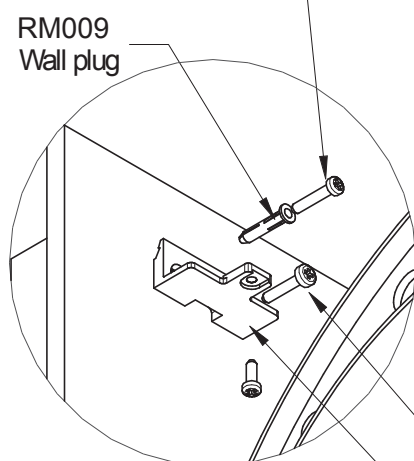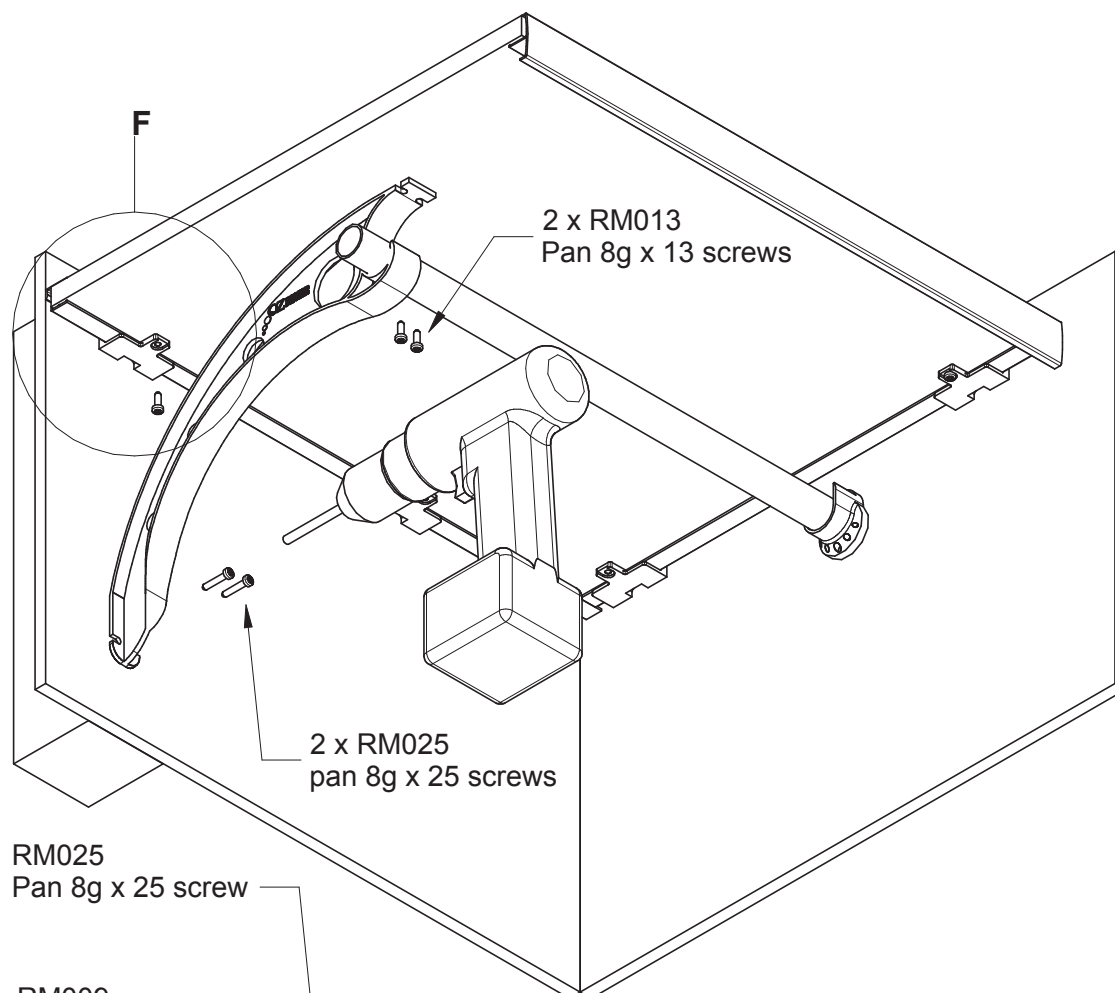
NOTE: Shelf brace must always pick up on a wall stud. To do this use a RM003 wall clip. Ensure that the wall clip above brace is fixed to the stud with at least one pan head 10g x 25 screw. The second hole is likely to miss the stud, therefore fix off with RM009 wall plug and pan head 8g x 25 screw.
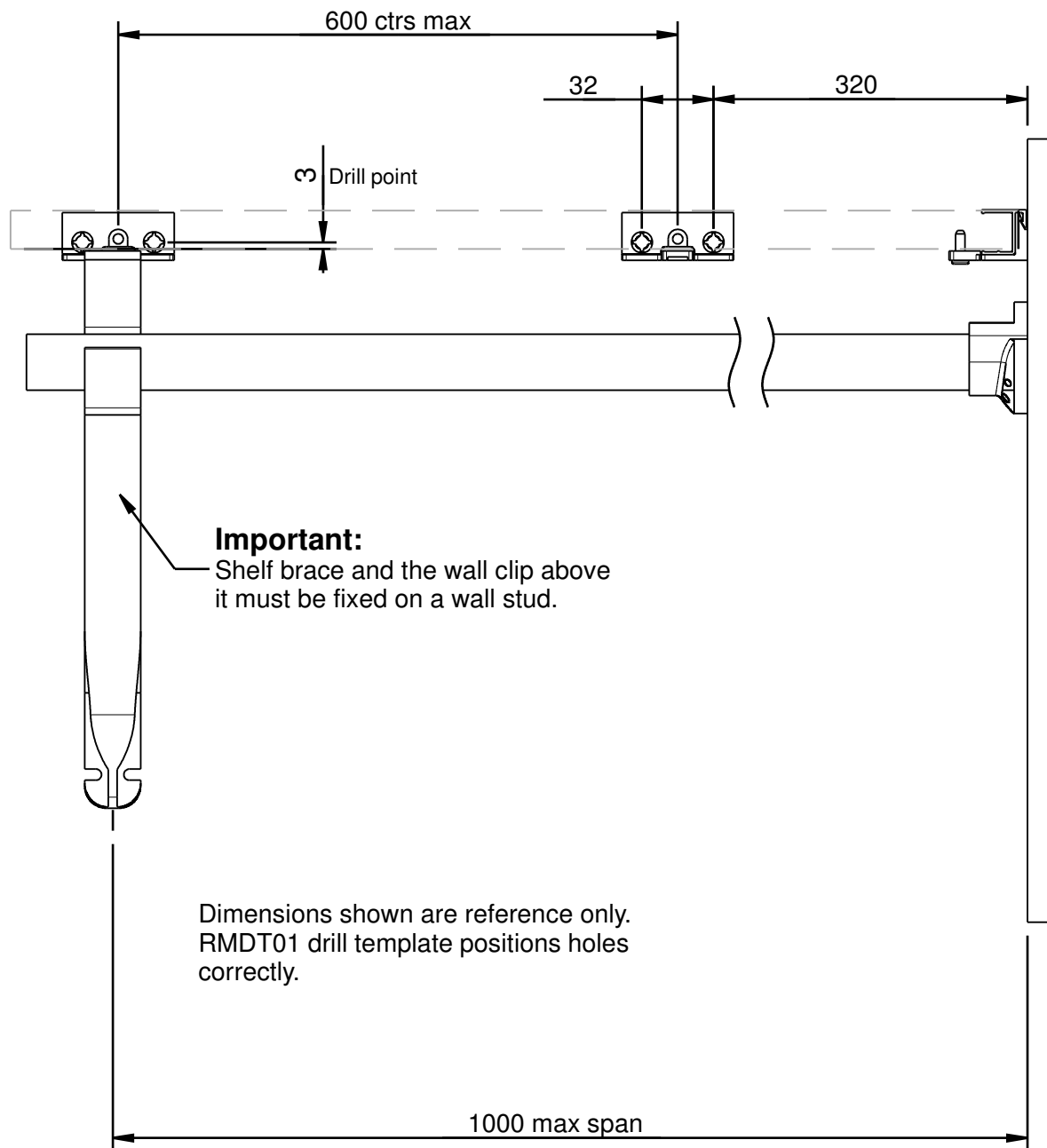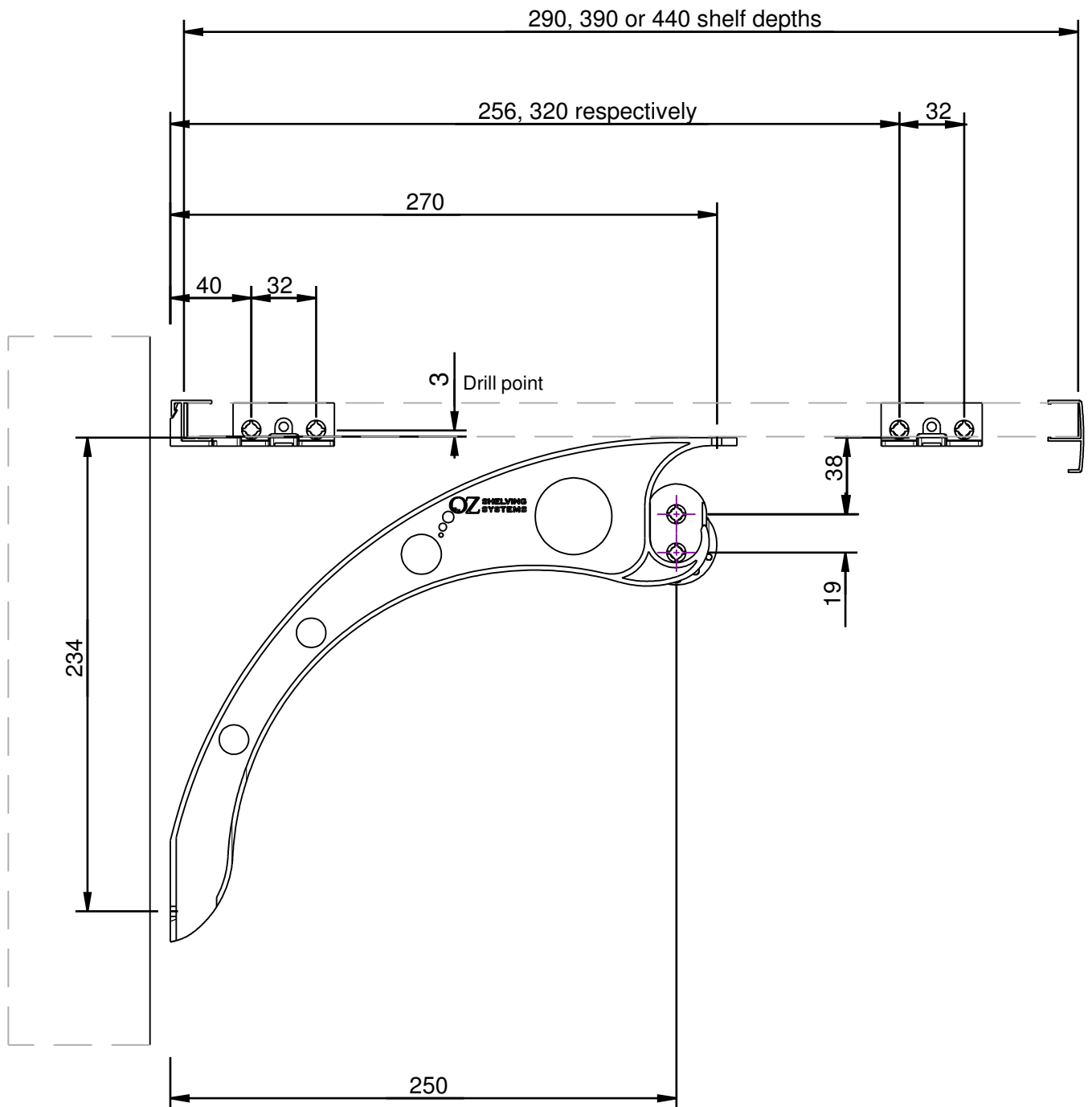
RM026
Pan 10g x 25 screw

RM003
Wall clip

DETAIL F
Exposed view of
fixing details as described
in note

600 ctrs max

32   320

3 | Drill point

Important:
Shelf brace and the wall clip above
it must be fixed on a wall stud.

Dimensions shown are reference only.
RMDT01 drill template positions holes
correctly.

1000 max span

290, 390 or 440 shelf depths

256, 320 respectively

32

270

40   32

3   Drill point

234

38

19

250

Dimensions shown are reference only.
RMDT01 drill template positions holes
correctly.

OZ SHELVING SYSTEMS

L shape cutting formula
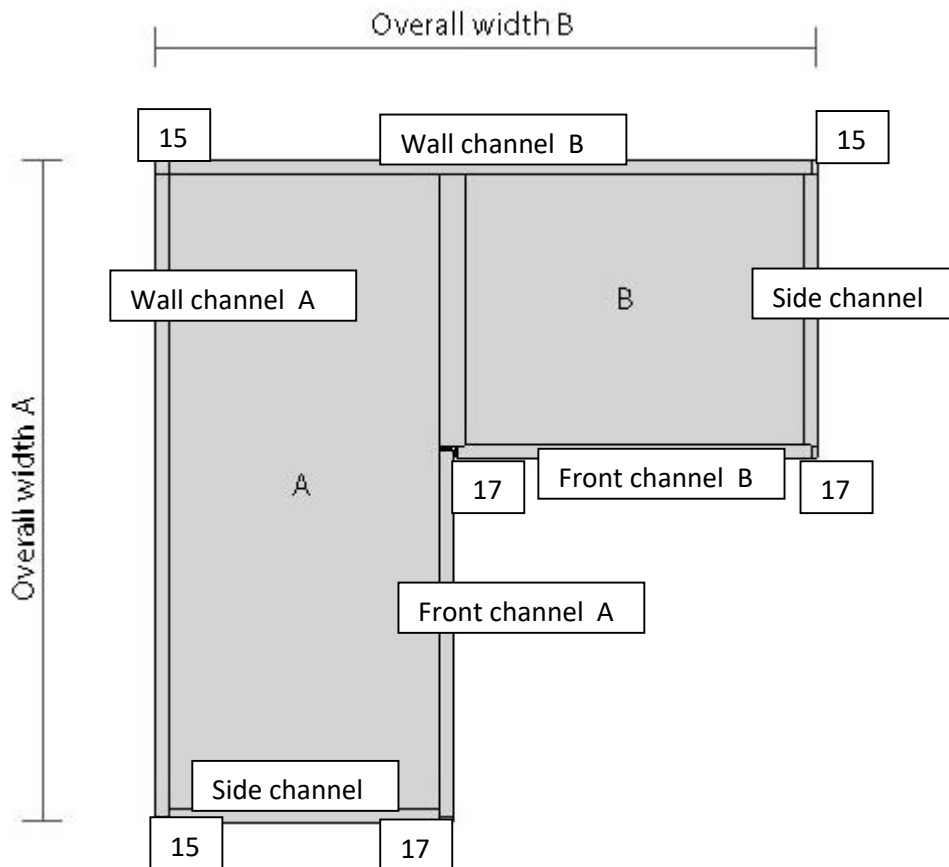
Definitions
Overall Width = OW
Board depth = size of melamine
15 = RM015 back cap
17 =RM017 front cap

Cut Formulas
Wall channel 'A'= OW 'A' – 18
Board 'A'= OW 'A' – 18
Front channel 'A'= OW 'A' - ('B' board depth + 10)
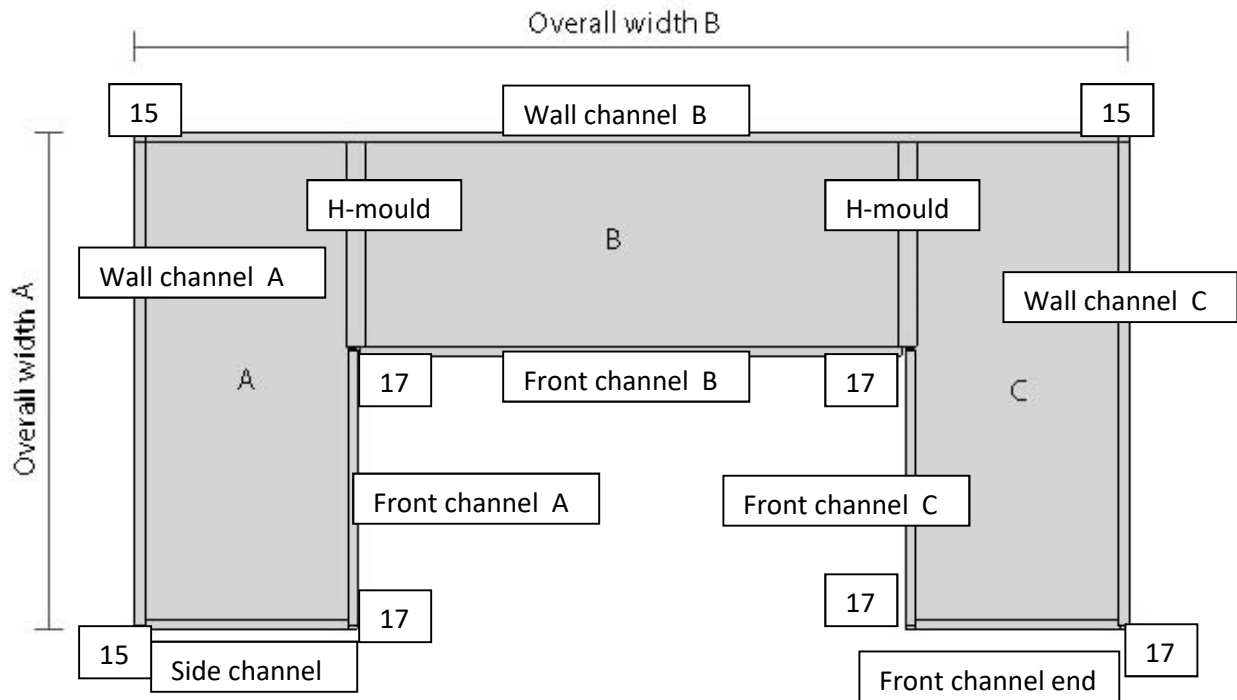Side channels & H mould = board depth – 28

Wall channel 'B'= OW 'B' – 30
Board 'B'= OW 'B' - ('A' board depth + 24)
Front channel 'B'= OW 'B' - ('A' board depth + 24)

RM015 back caps fit onto one end side channels and one end of wall channel 'B'
RM017 front caps fit onto front channels both ends 'A' and one end of 'B'

U shape cutting formula (with right side open ended)

Definitions
Overall Width = OW
Board depth = size of melamine
15 = RM015 back cap
17 =RM017 front cap

Cut Formulas
Wall channel 'A'= OW 'A' – 18
Board 'A'= OW 'A' – 18
Front channel 'A'= OW 'A' - ('B' board depth + 7)
Side channels & H mould = board depth – 28

Wall channel 'B'= OW 'B' – 42
Board 'B'= OW 'B' - ('A' board depth +'C' board depth + 30)
Front channel 'B'= OW 'B' - ('A' board depth +'C' board depth + 30)

Wall channel 'C'= OW 'C' – 28
Board 'C'= OW 'C' – 18
Front channel 'C'= OW 'C' - ('B' board depth -10)
Front channel end = 'C' board depth – 18

RM015 back caps fit onto one end side channel and both ends of wall channel 'B'
RM017 front caps fit onto both ends of front channels 'A' & C

SIMPLY BETTER STORAGE SYSTEMS