

DIY Shelving System



OIKO 

Code: (GWB-001-001)

STANDARD COMPONENTS INDEX



= X16

INDAUX EXPANDA PIN
34mm X 5mm



= X16

INDAUX CAM - 15mm



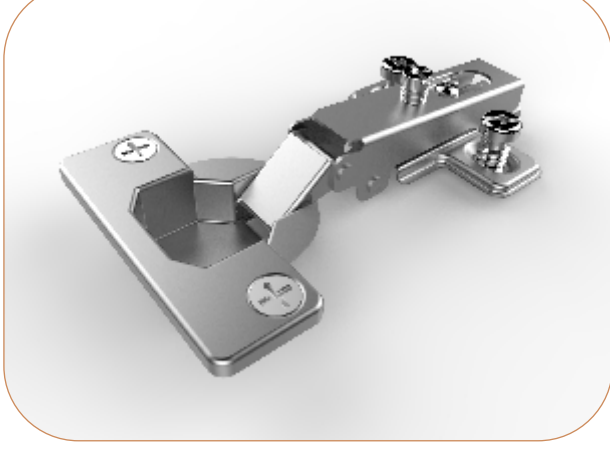
= X32

BIRCH DOWEL
8mm X 30mm



= X4

INDAUX MAMUL - 140mm



= X4

SDT HINGE CUP
110 DEGREES



= X16

SQUARE HEAD WOOD
SCREW 6mm X 16mm



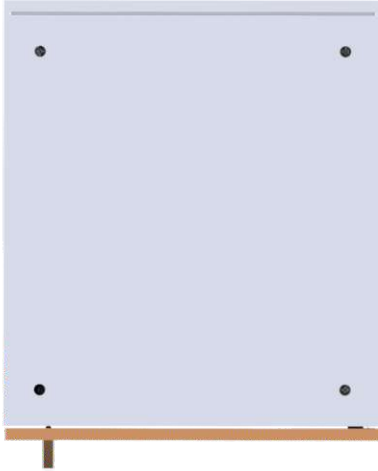
= X4

SQUARE HEAD WOOD
SCREW 6mm X 30mm



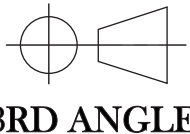
= X16

SHELF SUPPORT



Designed By:
KSTENE
INDUSTRIAL DESIGN & ENGINEERING
INNOVATION INGENUITY INSPIRATION

* RESEMBLES CRITICAL DIMENSIONS
RESEMBLES ECR CHANGES



3RD ANGLE

REVISION

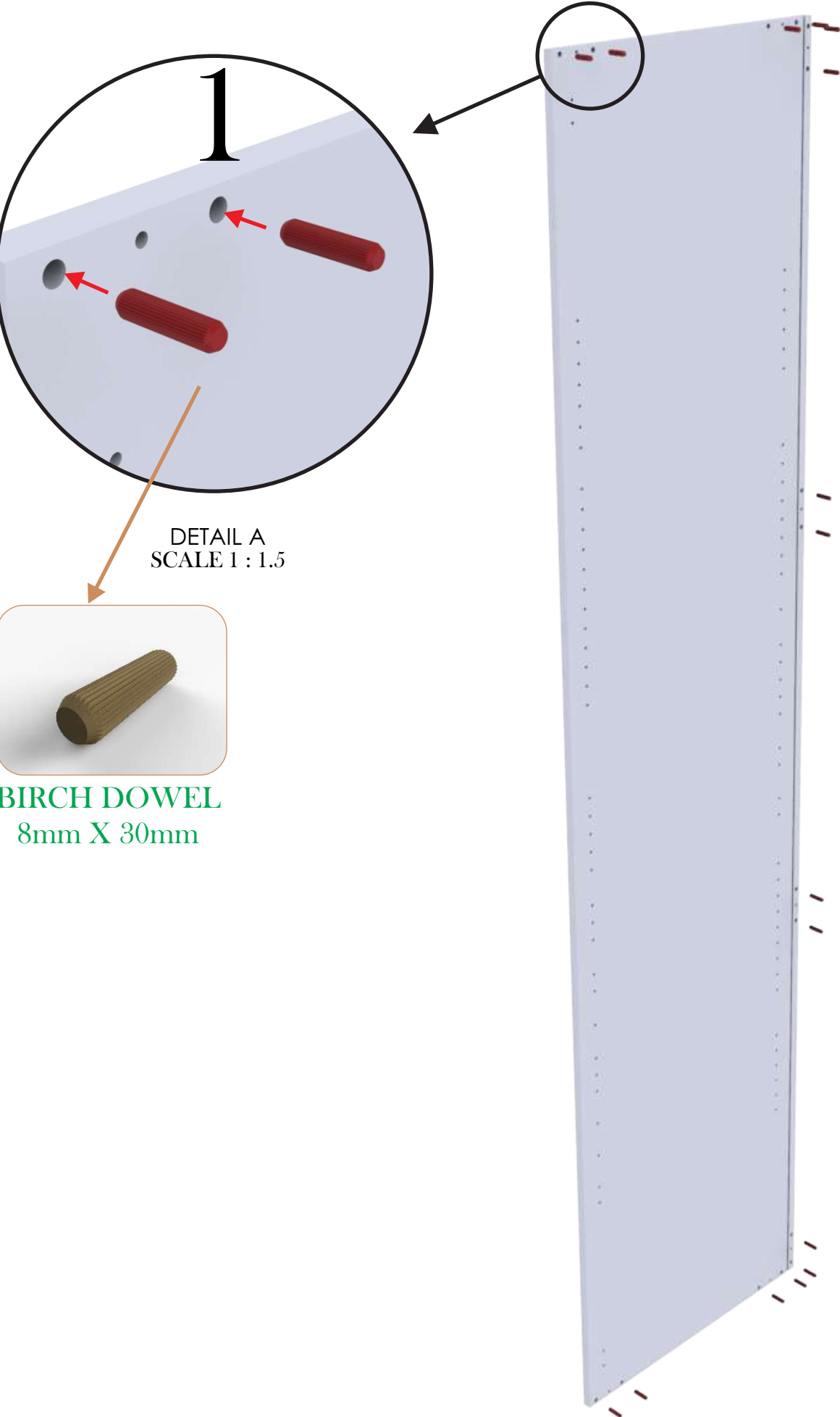
CODE: GWB-001-001	TITLE: STANDARD COMPONENTS INDEX	
	PART NUMBER: (GWB-001-001)	SCALE : 1:8 (UOS)
METRIC ALL DIMENSIONS ARE IN mm	NAME	DATE
	ENGINEERED BY: KOSTA KOUMENTAKOS	13-04-2016
	DRAWN BY: KOSTA KOUMENTAKOS	13-04-2016
	APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016
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ECR: N/A DATE: 24-02-2016

LEVEL: 1

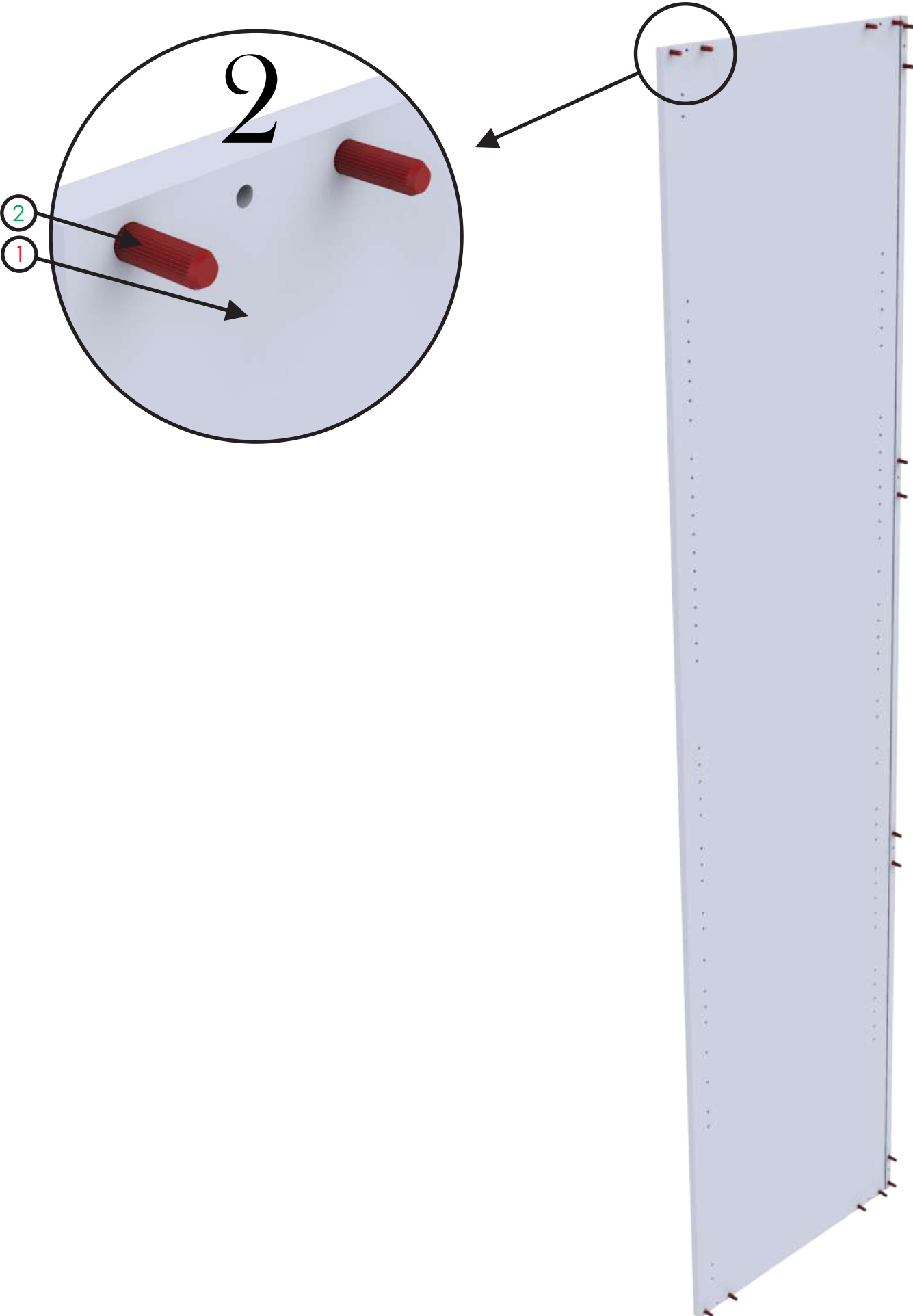
STEP 1

Place part **BIRCH DOWELS** into part **LEFT SIDE PANEL**, use the pre-drilled holes as shown in the pictures below:



NOTE:

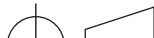
As done in STEP 1, place part **BIRCH DOWELS** into part **LEFT SIDE PANEL**, use the pre-drilled holes as shown in the pictures below:



WARNING:

Do not hit the **BIRCH DOWELS** into place as they could damage the exterior of the **SIDE PANELS**.

ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-002)	LEFT SIDE PANEL	16mm MELAMINE	1
2	N/A	BIRCH DOWEL - 8mm x 30mm	N/A	16

	REVISION	
CODE: GWB-001-001	TITLE: LEFT AND RIGHT PANEL + DOWELS SUB ASS	
	PART NUMBER: (GWB-001-001-002)	SCALE : 1:8 (UOS)
METRIC ALL DIMENSIONS ARE IN mm	NAME	DATE
	ENGINEERED BY: KOSTA KOUMENTAKOS	13-04-2016
 3RD ANGLE	DRAWN BY: KOSTA KOUMENTAKOS	13-04-2016
	APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016



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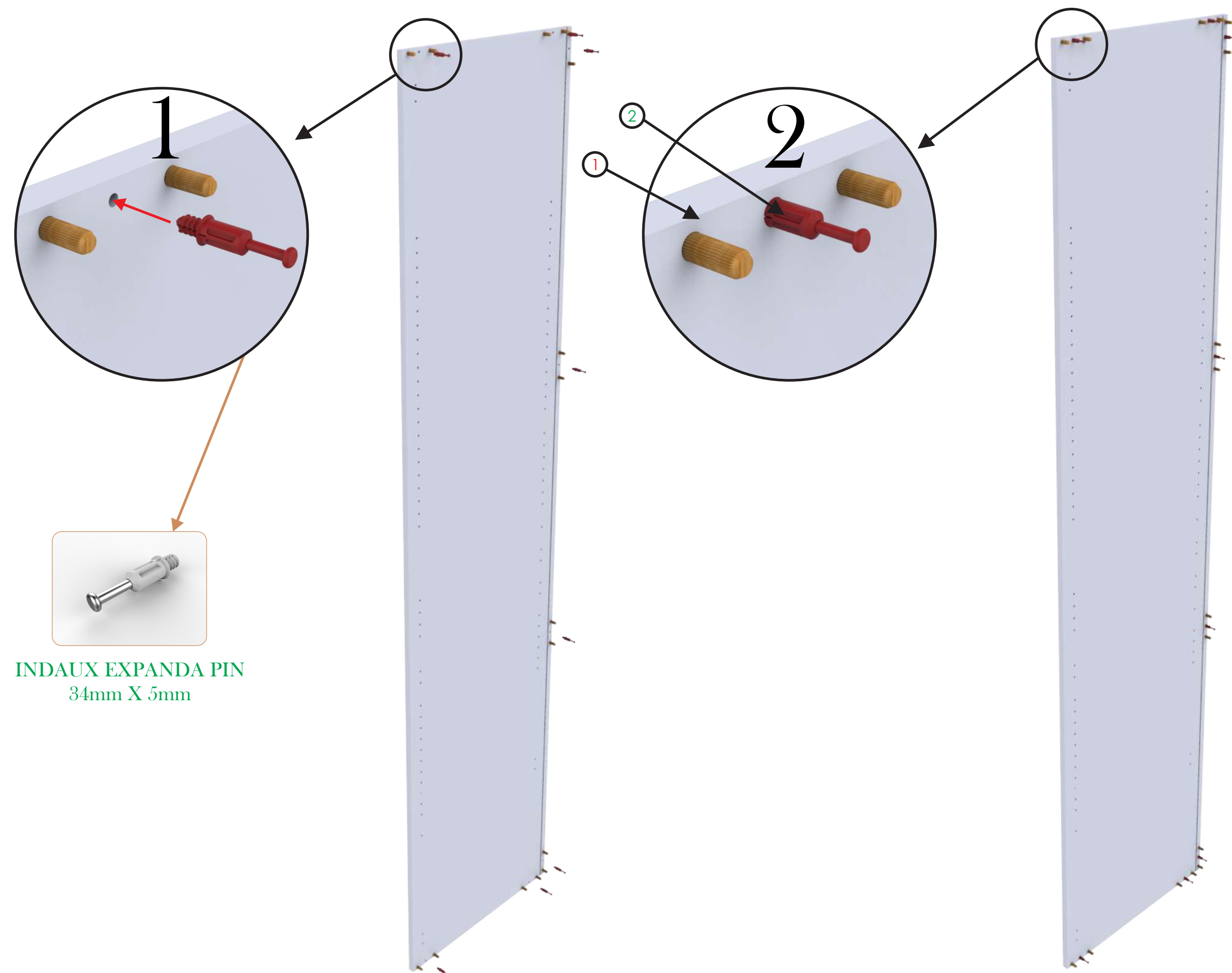
* RESEMBLES CRITICAL DIMENSIONS
RESEMBLES ECR CHANGES

STEP 2

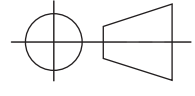
Place part **INDAUX EXPANDA PIN** into part **LEFT AND RIGHT SIDE PANEL + DOWELS SUB ASS**, use the pre-drilled holes as shown in the pictures below:

NOTE:

You should have 2 sub assemblies like this.



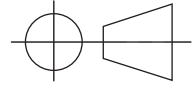
ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-002) SUB ASS	LEFT AND RIGHT PANEL + DOWELS SUB ASS	N/A	8
2	N/A	INDAUX EXPANDA PIN - 34mm X 5mm	N/A	1

REVISION			
CODE: GWB-001-001	TITLE: LEFT AND RIGHT PANEL + EXPANA PIN SUB ASS		
	PART NUMBER: (GWB-001-001-003)		SCALE : 1:8 (UOS)
	METRIC ALL DIMENSIONS ARE IN mm		
 3RD ANGLE	NAME		DATE
	ENGINEERED BY: KOSTA KOUMENTAKOS		13-04-2016
	DRAWN BY: KOSTA KOUMENTAKOS		13-04-2016
		APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016



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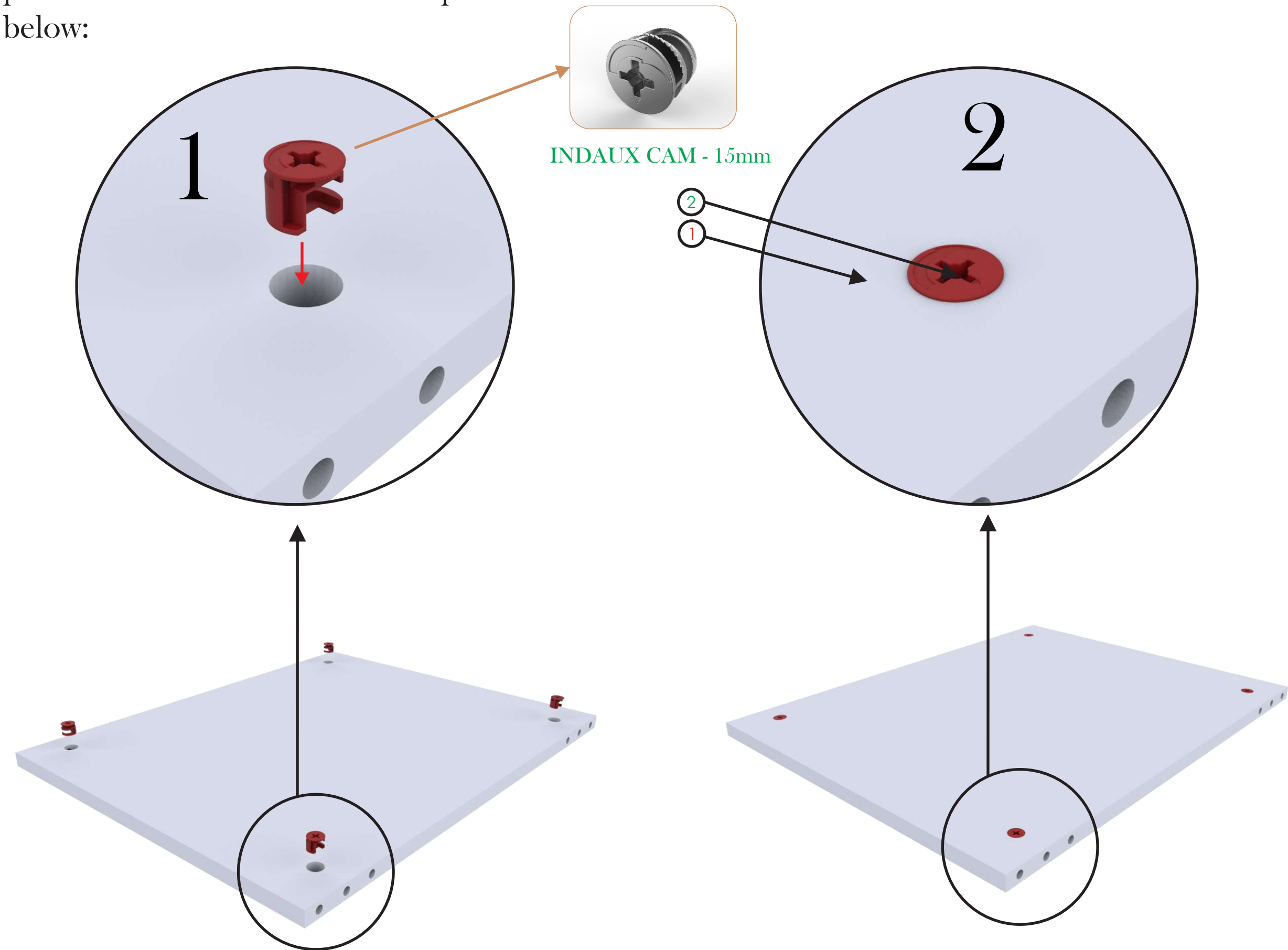
* RESEMBLES CRITICAL DIMENSIONS
RESEMBLES ECR CHANGES



3RD ANGLE

STEP 3

Place part **INDAUX CAM** into part **TOP AND BOTTOM PANEL**, use the pre-drilled holes as shown in the pictures below:

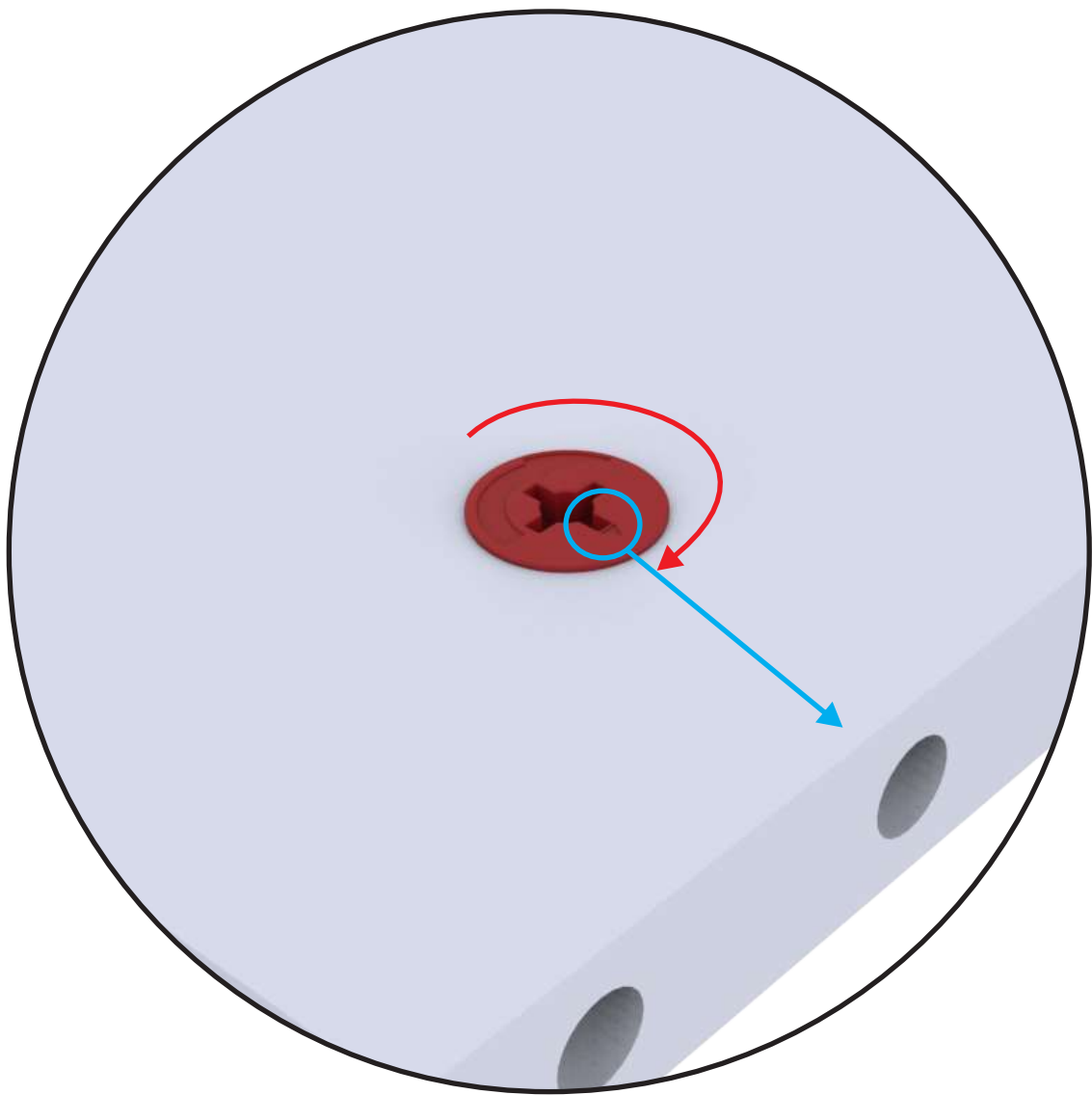


NOTE:

You should have 2 sub assemblies like this.

STEP 4

Turn part **INDAUX CAM** so that the arrow faces the edge of the board where the INDAUX EXPANDA PIN hole has been drilled. See below:

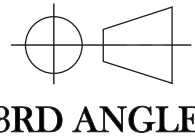


ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-004)	TOP & BOTTOM PANEL	16mm MELAMINE	1
2	N/A	INDAUX CAM - 15mm	N/A	4



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3RD ANGLE

REVISION

TITLE: TOP AND BOTTOM PANEL + CAM SUB ASS

PART NUMBER: (GWB-001-001-004)

SCALE : 1:8 (UOS)

NAME

DATE

ENGINEERED BY: KOSTA KOUMENTAKOS

13-04-2016

DRAWN BY: KOSTA KOUMENTAKOS

13-04-2016

APPROVED BY: ANASTASIOS ASTERIOU

13-04-2016

ECR: N/A

DATE: 24-02-2016

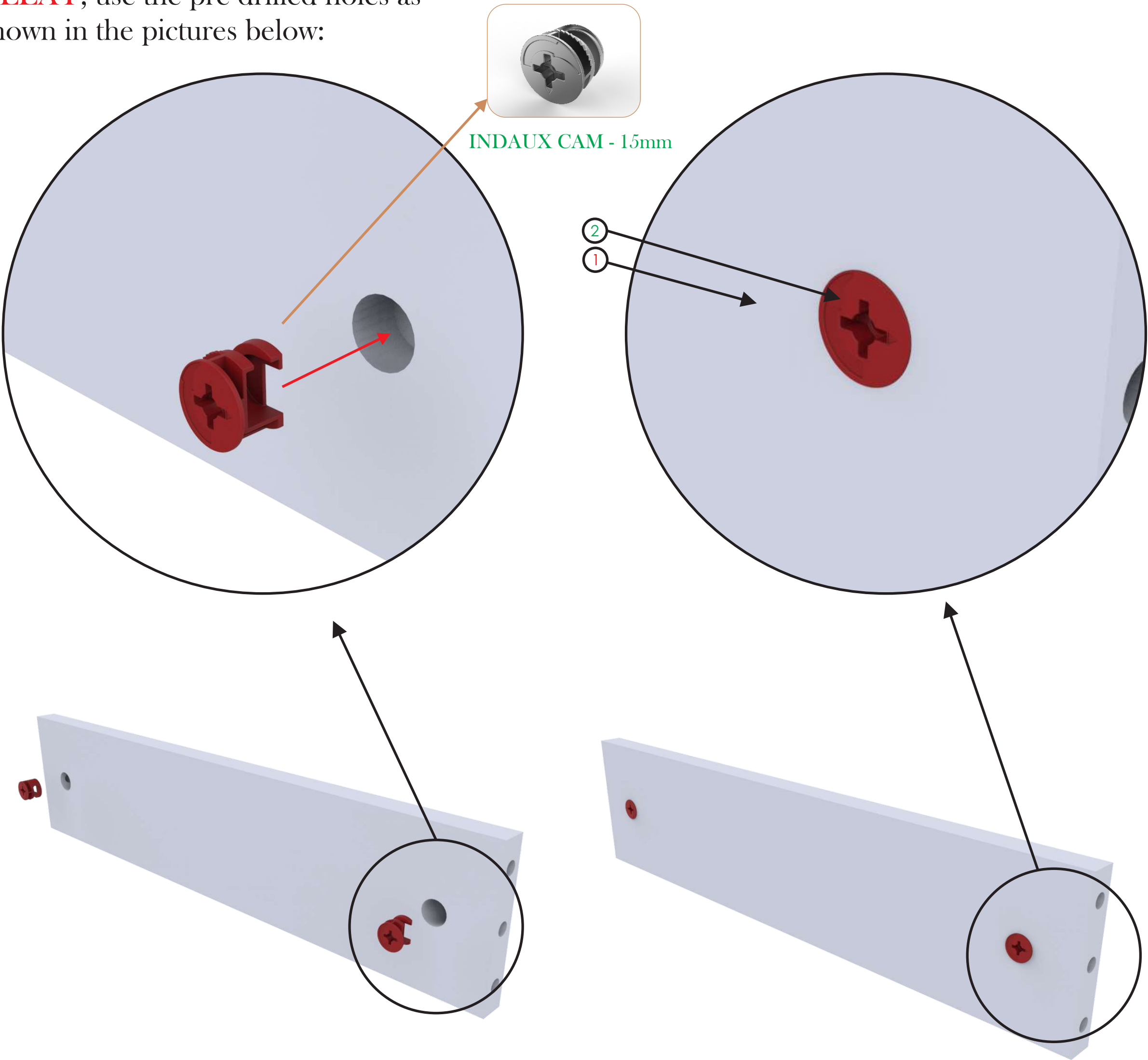
LEVEL: 1

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PAGE: 4 OF 13

STEP 5

Place part **INDAUX CAM** into part **CLEAT**, use the pre-drilled holes as shown in the pictures below:

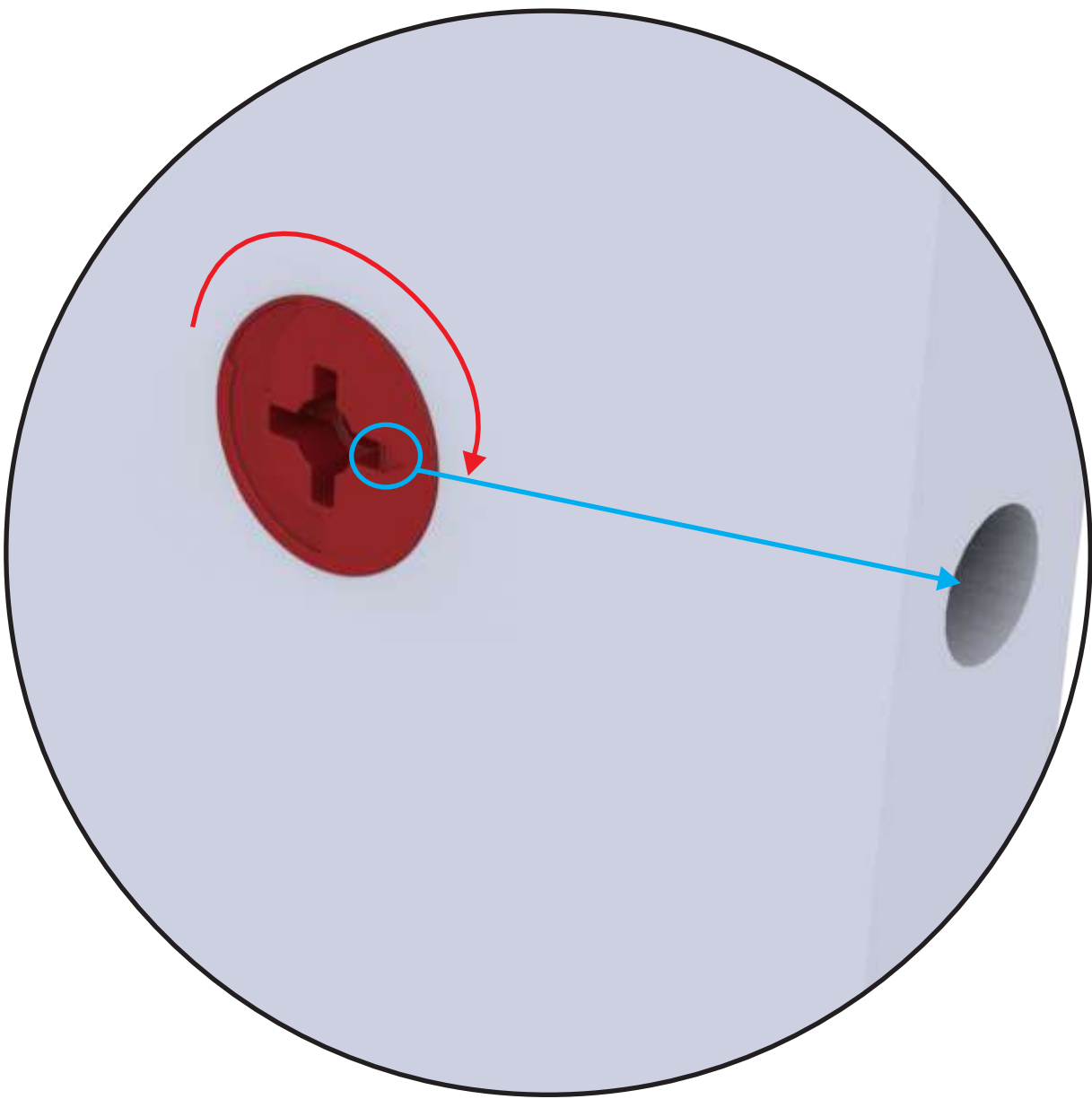


NOTE:

You should have 4 sub assemblies like this.

STEP 6

Turn part **INDAUX CAM** so that the arrow faces the edge of the board where the INDAUX EXPANDA PIN hole has been drilled. See below:



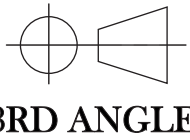
ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-006)	CLEAT	16mm MELAMINE	1
2	N/A	INDAUX CAM - 15mm	N/A	2

REVISION		
CODE: GWB-001-001	TITLE: CLEAT + CAM SUB ASS	
	PART NUMBER:(GWB-001-001-005) SUB ASS	SCALE : 1:8 (UOS)
	NAME	DATE
	ENGINEERED BY: KOSTA KOUMENTAKOS	13-04-2016
METRIC ALL DIMENSIONS ARE IN mm	DRAWN BY: KOSTA KOUMENTAKOS	13-04-2016
	APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016



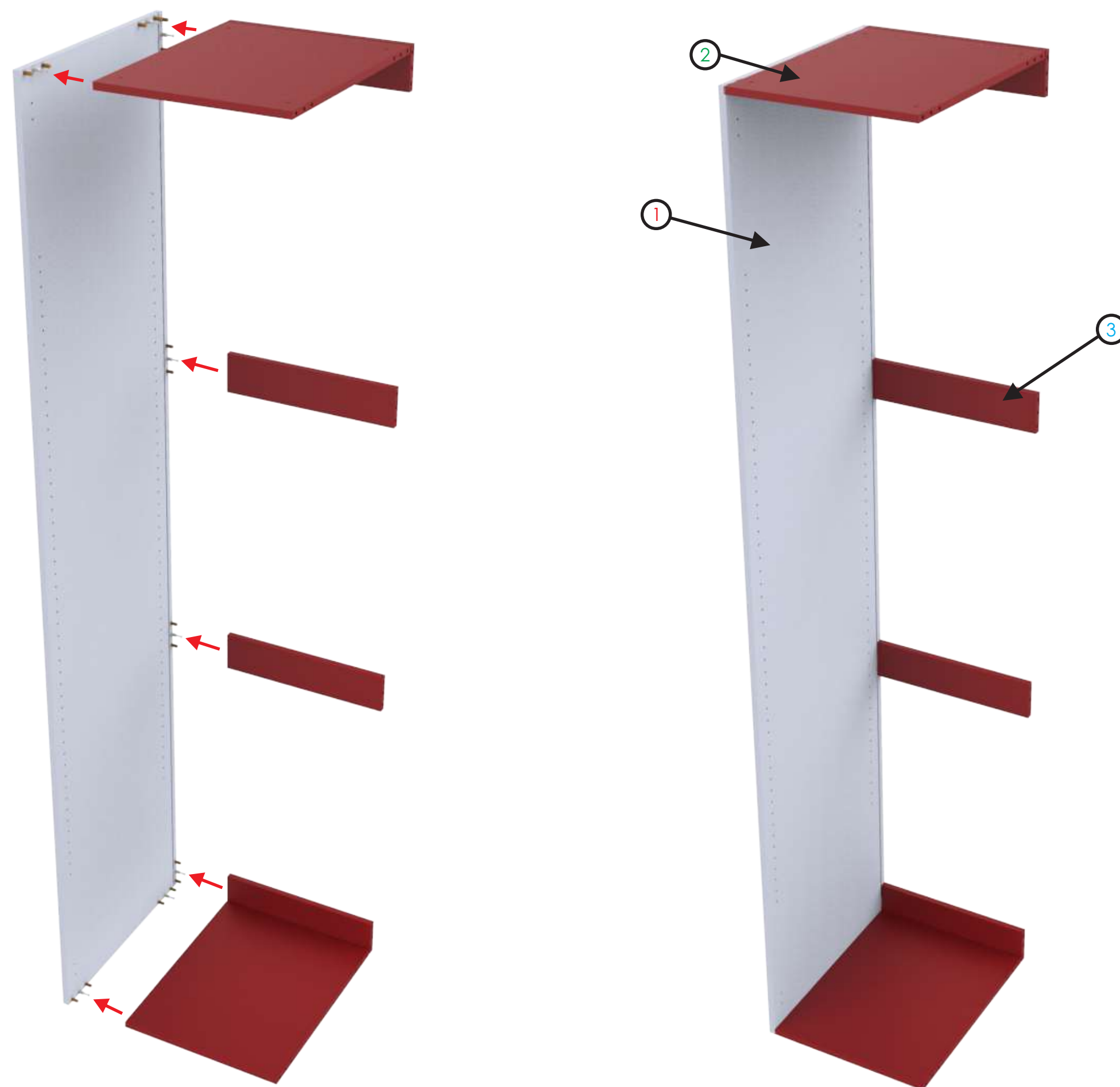
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RESEMBLES ECR CHANGES

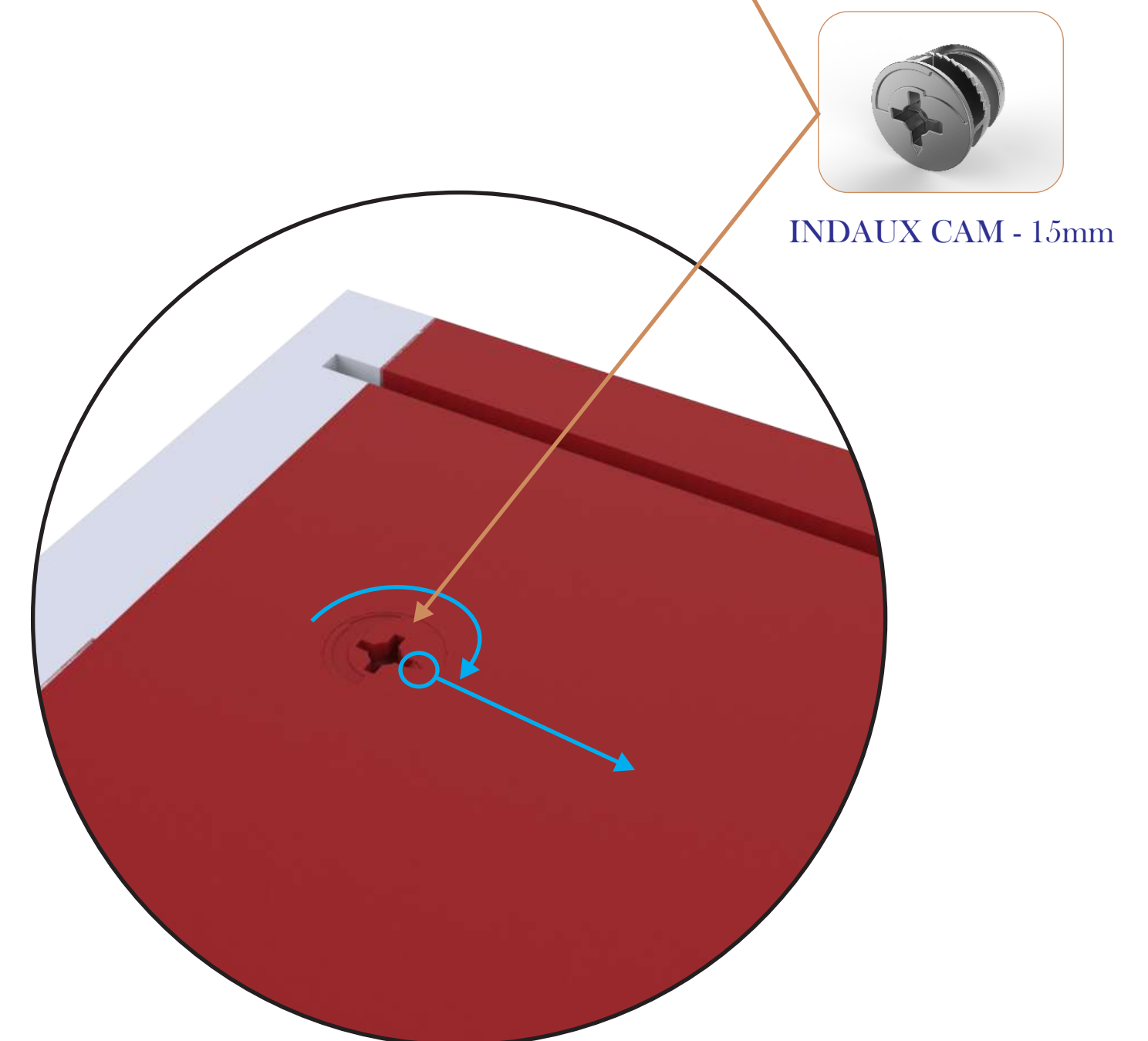


3RD ANGLE

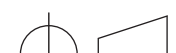
as shown below:



Now turn the **INDAUX CAM - 15mm 180°** clockwise to fasten all the panels together.



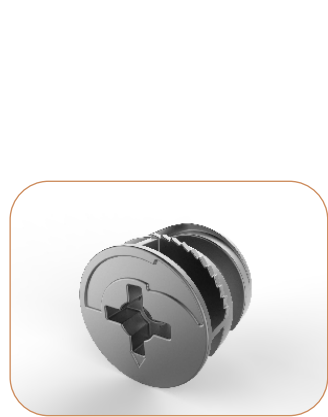
ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-003) SUB ASS	LEFT AND RIGHT PANEL + EXPANDA PIN SUB ASS	N/A	1
2	(GWB-001-001-004) SUB ASS	TOP AND BOTTOM PANEL + CAM SUB ASS	N/A	2
3	(GWB-001-001-005) SUB ASS	CLEAT + CAM SUB ASS	N/A	4

		REVISION	
NS	CODE: GWB-001-001	TITLE: SIDES + CLEATS + TOP AND BOTTOM PANEL SUB ASS	
		PART NUMBER: (GWB-001-001-006) SUB ASS	SCALE : 1:8 (UOS)
	METRIC ALL DIMENSIONS ARE IN mm	NAME	DATE
		ENGINEERED BY: KOSTA KOUMENTAKOS	13-04-2016
	 3RD ANGLE	DRAWN BY: KOSTA KOUMENTAKOS	13-04-2016
		APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016

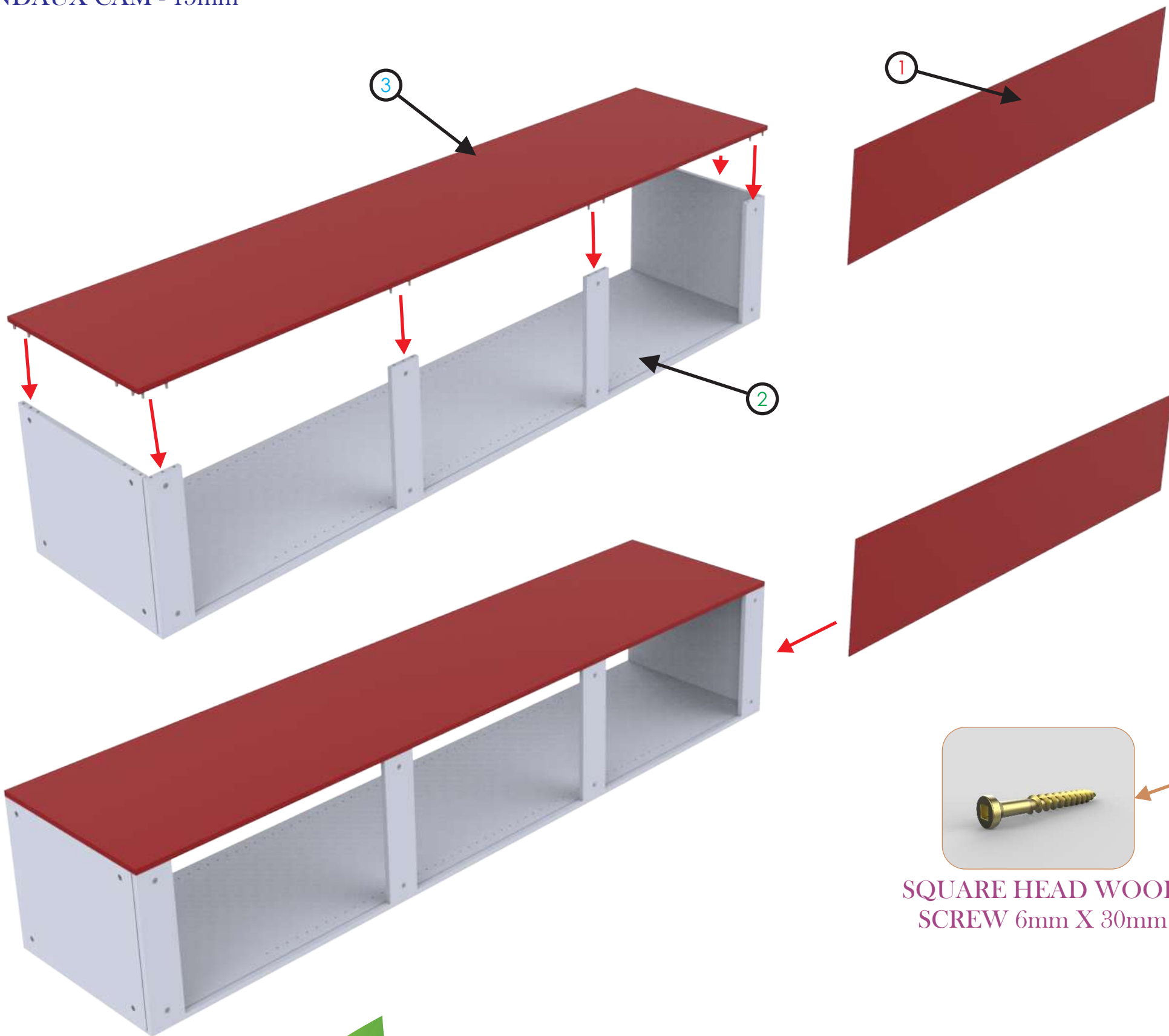
Designed By: KSTENE INDUSTRIAL DESIGN & ENGINEERING INNOVATION IDEAS GENIUS INSPIRATION 		* RESEMBLES CRITICAL DIMENSIONS # RESEMBLES ECR CHANGES	 3RD ANGLE	DRAWN BY: KOSTA KOUMENTAKOS APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016 13-04-2016
ECR: N/A	DATE: 24-02-2016	LEVEL: 1	© ALL COPYRIGHTS BELONG TO OIKO, DATE 13-04-2016		PAGE: 6 OF 13

STEP 9

Place assembly **LEFT AND RIGHT PANEL + DOWELS SUB ASS** into assembly **SIDES + CLEATS + TOP AND BOTTOM PANEL SUB ASS** but do not fasten the **INDAUX CAM**. See below:



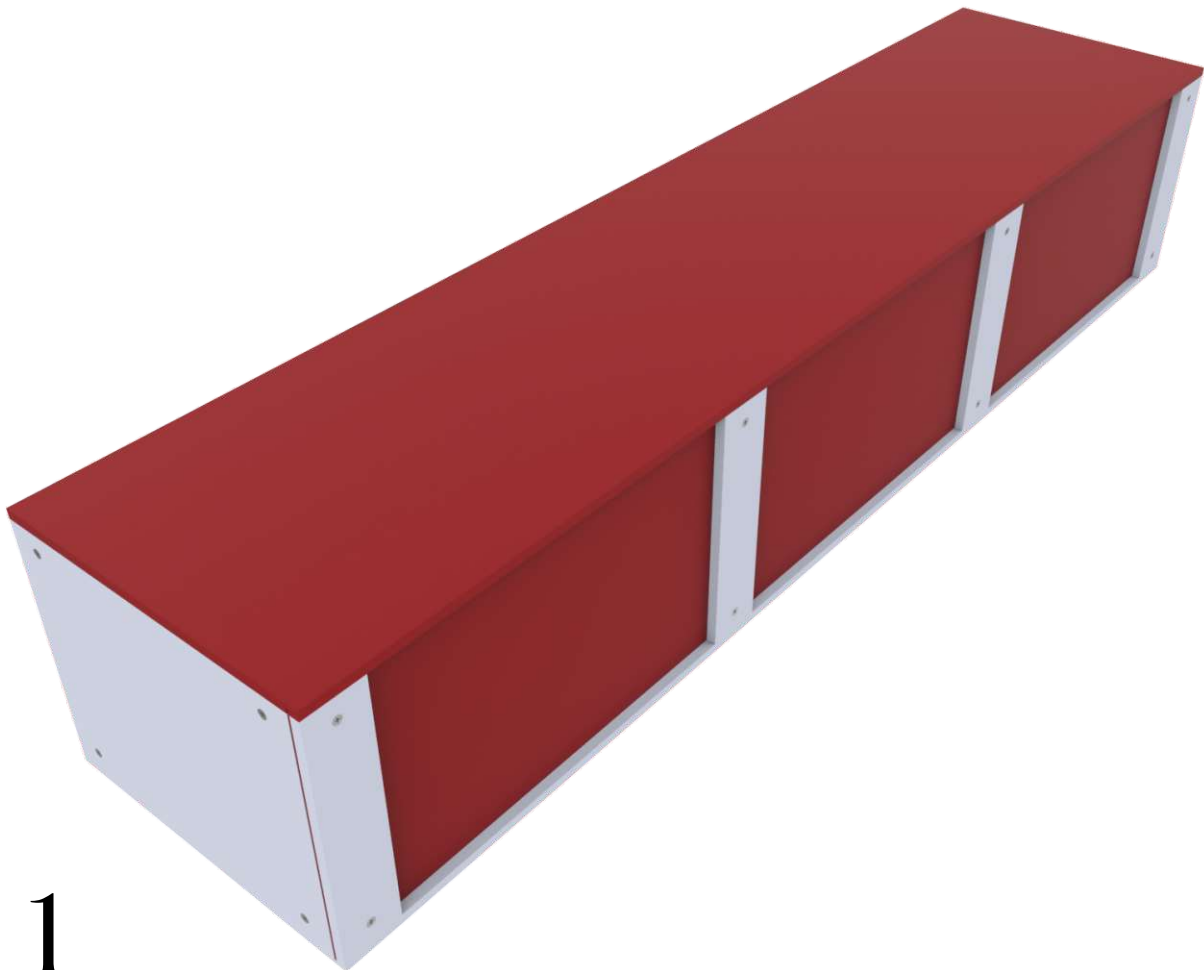
INDAUX CAM - 15mm



SQUARE HEAD WOOD SCREW 6mm X 30mm

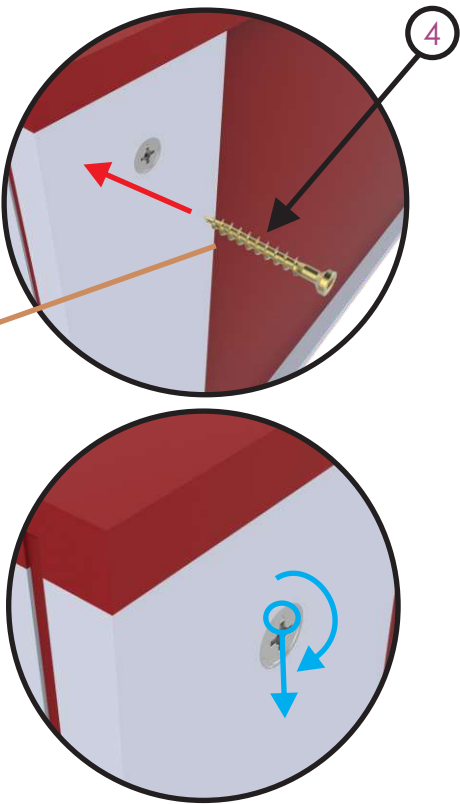
STEP 10

Slide part **BACKING** into your current assembly. Gently knock into the groove provided on the side panels, make sure that all the parts sit flush to one another. Your assembly should look like the picture below:

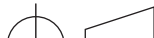


STEP 11

Fasten the **INDAUX CAMS** to secure assembly **LEFT AND RIGHT PANEL + DOWELS SUB ASS**. Finally screw in the **SQUARE HEAD WOOD SCREW** as seen in the pictures below:



ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-003)	BACKING	4mm MELAMINE	1
2	(GWB-001-001-002) SUB ASS	LEFT AND RIGHT PANEL + DOWELS SUB ASS	N/A	1
3	(GWB-001-001-006) SUB ASS	SIDES + CLEATS + TOP AND BOTTOM PANEL SUB ASS	N/A	1
4	N/A	SQUARE HEAD WOOD SCREW 6mm X 30mm	N/A	4

	REVISION	
CODE: GWB-001-001	TITLE: BACKING BOARD + RIGHT PANEL SUB ASS	
	PART NUMBER: (GWB-001-001-007) SUB ASS	SCALE : 1:8 (UOS)
METRIC ALL DIMENSIONS ARE IN mm	NAME	DATE
	ENGINEERED BY: KOSTA KOUMENTAKOS	13-04-2016
 3RD ANGLE	DRAWN BY: KOSTA KOUMENTAKOS	13-04-2016
	APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016



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STEP 12

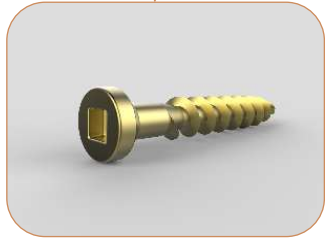
Screw the **INDAUX MAMUL** feet into the unit using parts **SQUARE HEAD WOOD SCREW** as shown below:



INDAUX MAMUL - 140mm

2

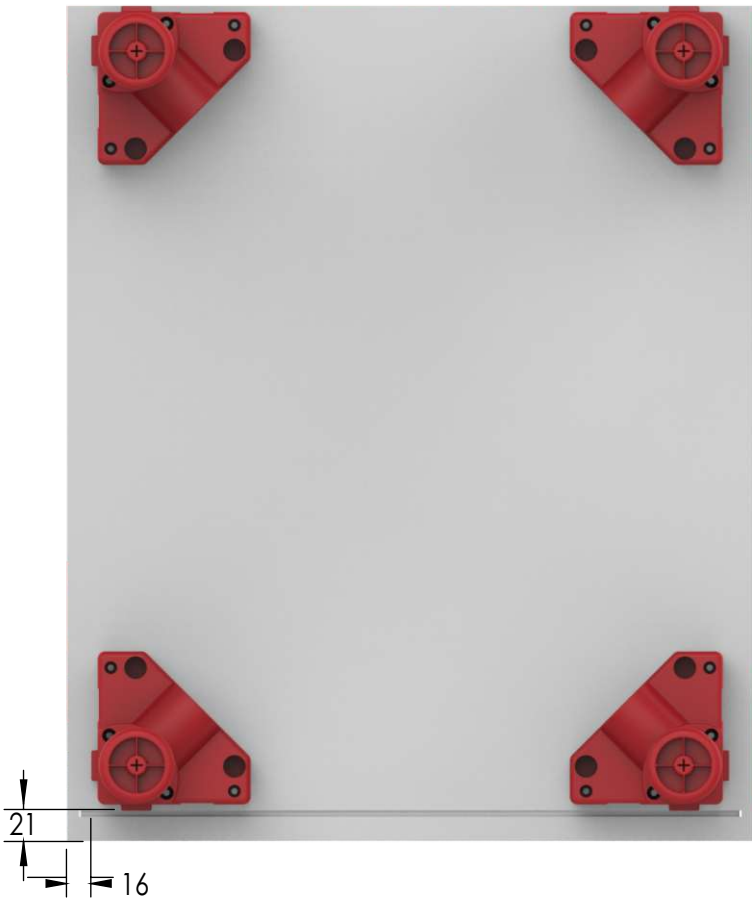
3



SQUARE HEAD WOOD SCREW 6mm X 16mm

WARNING

Assemble the **INADAUX MAMUL** feet in the positioning/spacing as shown in the picture on the right:



ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-007) SUB ASS	BACKING BOARD + RIGHT PANEL SUB ASS	N/A	1
2	N/A	INDAUX MAMUL - 140mm	N/A	4
3	N/A	SQUARE HEAD WOOD SCREW 6mm X 12mm	N/A	16

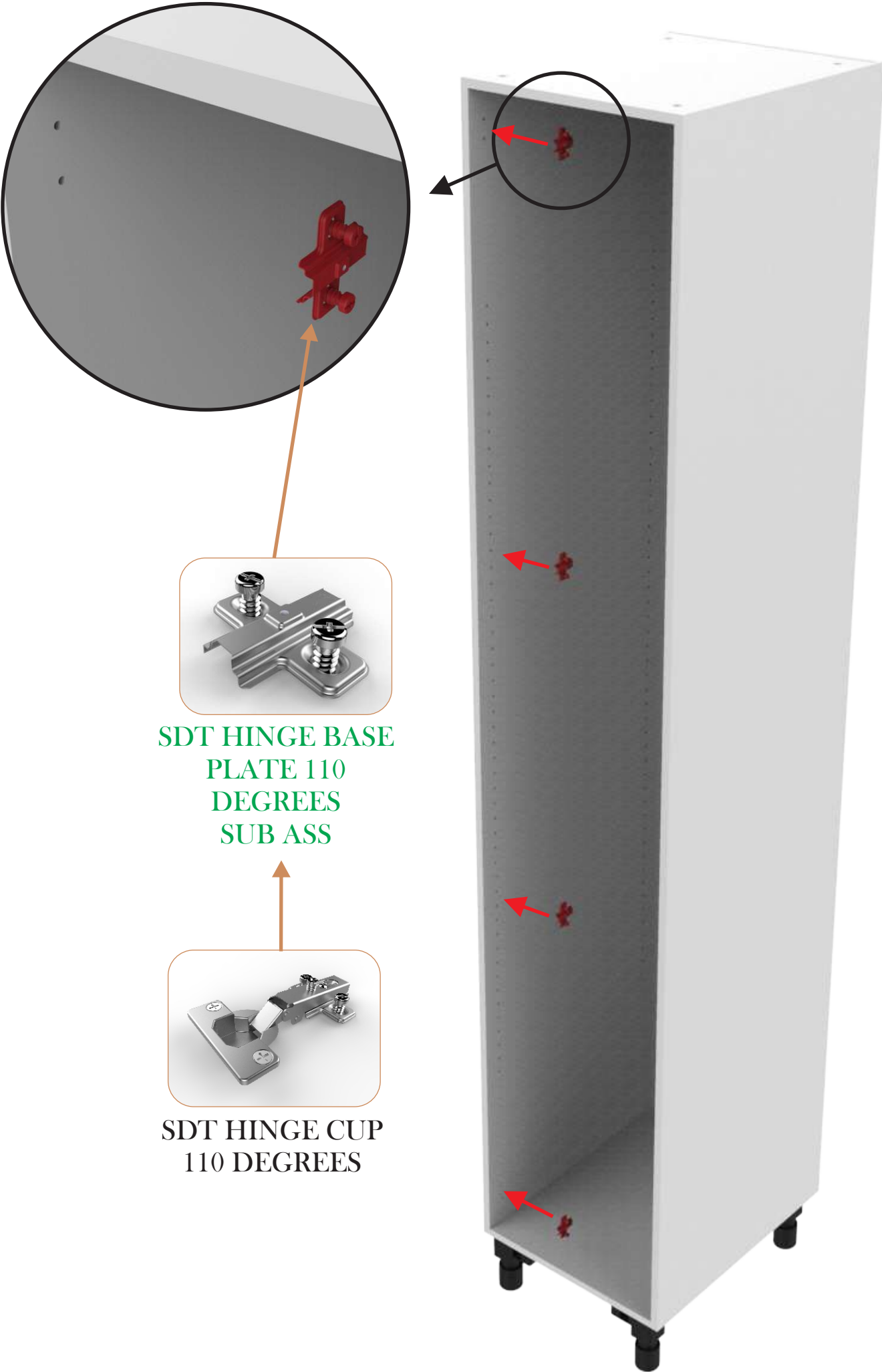
REVISION		
CODE: GWB-001-001	TITLE: FEET SUB ASS	
	PART NUMBER: (GWB-001-001-008) SUB ASS	SCALE : 1:8 (UOS)
METRIC ALL DIMENSIONS ARE IN mm	NAME	DATE
	ENGINEERED BY: KOSTA KOUMENTAKOS	13-04-2016
	DRAWN BY: KOSTA KOUMENTAKOS	13-04-2016
3RD ANGLE	APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016

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RESEMBLES ECR CHANGES

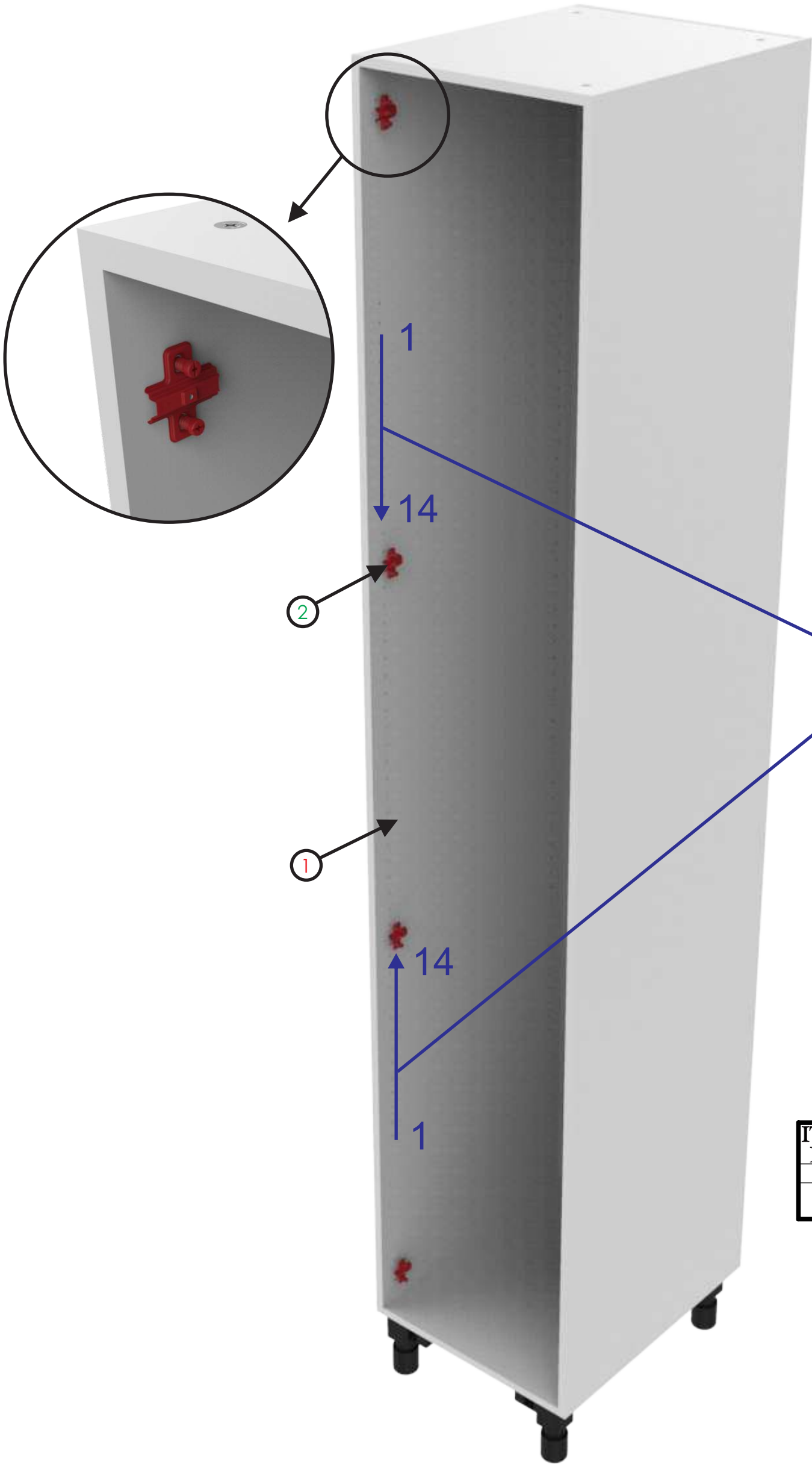
STEP 13

Screw parts **SDT HINGE BASE PLATE 110 DEGREES SUB ASS** into the unit as shown below:



SDT HINGE BASE
PLATE 110
DEGREES
SUB ASS

SDT HINGE CUP
110 DEGREES



NOTE:

Count 14 holes from the top and bottom of the first line of holes. At the 14th hole you will assemble the **SDT HINGE BASE PLATE 110 DEGREES SUB ASS**

ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-008) SUB ASS	FEET SUB ASS	N/A	1
2	N/A	SDT HINGE BASE PLATE 110 DEGREES SUB ASS	N/A	4

REVISION		
CODE: GWB-001-001	TITLE: HINGE BASE PLATE SUB ASS	
	PART NUMBER: (GWB-001-001-009)SUB ASS	SCALE : 1:8 (UOS)
METRIC ALL DIMENSIONS ARE IN mm	NAME	DATE
	ENGINEERED BY: KOSTA KOUMENTAKOS	13-04-2016
3RD ANGLE	DRAWN BY: KOSTA KOUMENTAKOS	13-04-2016
	APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016



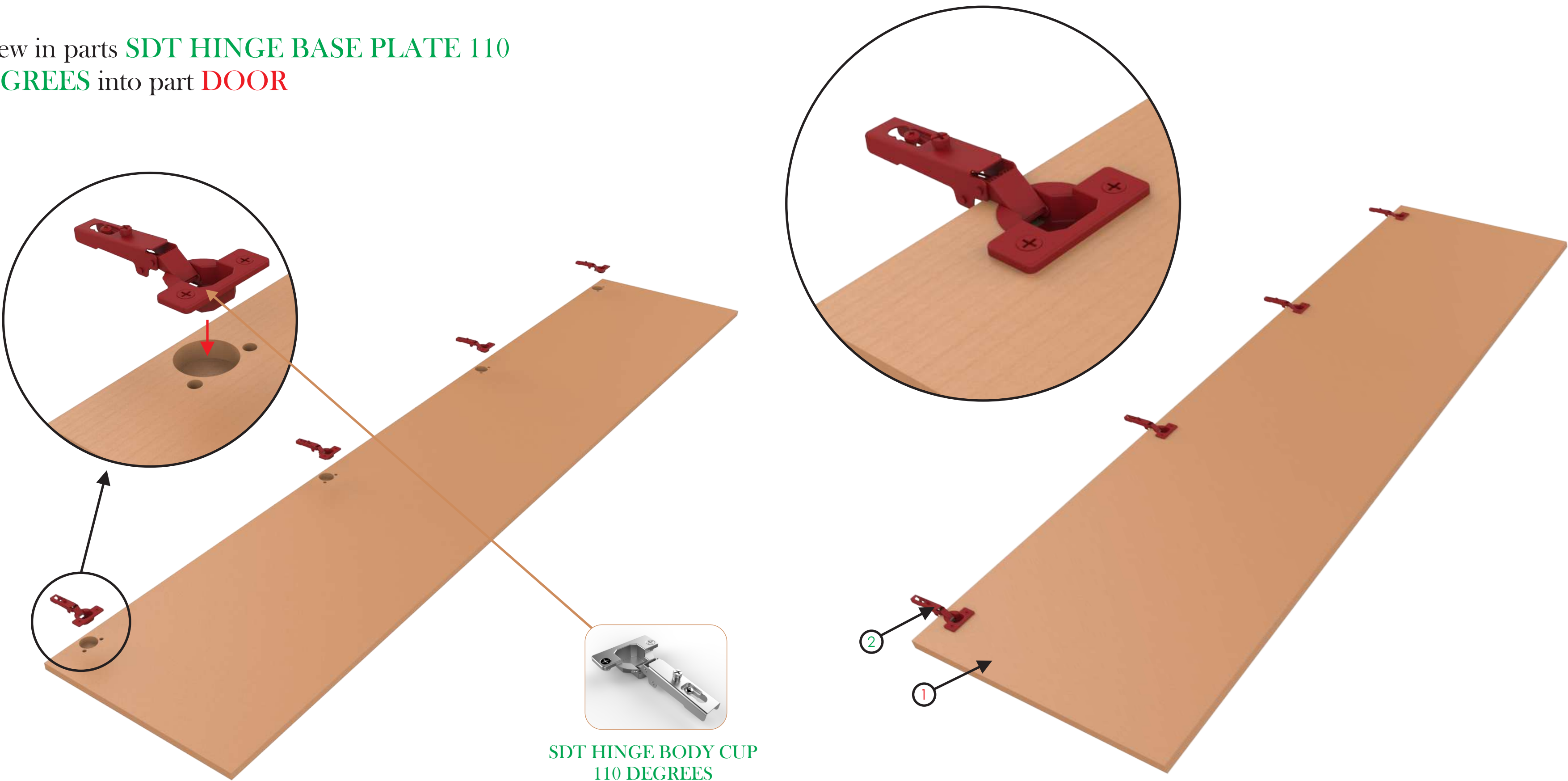
Designed By:
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* RESEMBLES CRITICAL DIMENSIONS
RESEMBLES ECR CHANGES

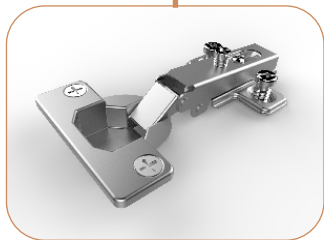


STEP 14

Screw in parts **SDT HINGE BASE PLATE 110 DEGREES** into part **DOOR**

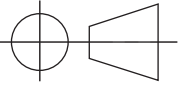


SDT HINGE BODY CUP
110 DEGREES



SDT HINGE CUP
110 DEGREES

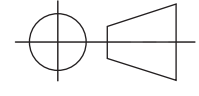
ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-007)	DOOR	16mm MELAMINE	1
2	N/A	SDT HINGE BODY 110 DEGREES	N/A	4

REVISION		
CODE: GWB-001-001	TITLE: DOOR + HINGE BRIDGE SUB ASS	
	PART NUMBER: (GWB-001-001-010) SUB ASS	SCALE : 1:8 (UOS)
METRIC ALL DIMENSIONS ARE IN mm	NAME	DATE
	ENGINEERED BY: KOSTA KOUMENTAKOS	13-04-2016
	DRAWN BY: KOSTA KOUMENTAKOS	13-04-2016
 3RD ANGLE	APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016



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* RESEMBLES CRITICAL DIMENSIONS
RESEMBLES ECR CHANGES



3RD ANGLE

STEP 15

Attach sub assembly **DOOR + HINGE BRIDGE SUB ASS** to sub assembly **HINGE BASE PLATE SUB ASS**. This is done by clipping the 2 halves of the hinge together.

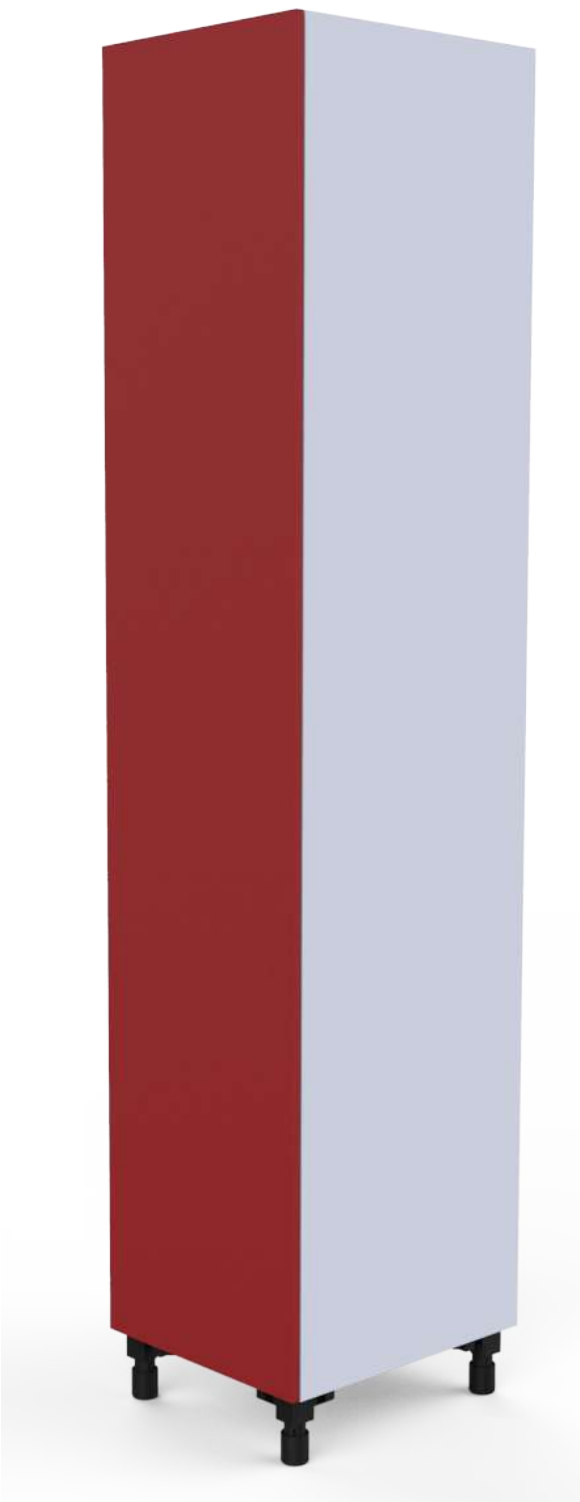
SDT HINGE CUP
110 DEGREES

1

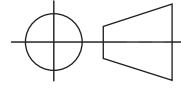
2

STEP 16

Align the door to the body by adjusting the screws on the hinge.



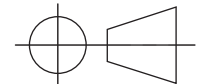
ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-009) SUB ASS	HINGE BASE PLATE SUB ASS	N/A	1
2	(GWB-001-001-010) SUB ASS	DOOR + HINGE BRIDGE SUB ASS	N/A	1

REVISION		
CODE: GWB-001-001	TITLE: DOOR + BODY SUB ASS	
	PART NUMBER: (GWB-001-001-011) SUB ASS	SCALE : 1:8 (UOS)
METRIC ALL DIMENSIONS ARE IN mm	NAME	DATE
	ENGINEERED BY: KOSTA KOUMENTAKOS	13-04-2016
	DRAWN BY: KOSTA KOUMENTAKOS	13-04-2016
 3RD ANGLE	APPROVED BY: ANASTASIOS ASTERIOU	13-04-2016



Designed By:
KSTENE
INDUSTRIAL DESIGN & ENGINEERING
INNOVATION INGENUITY INSPIRATION

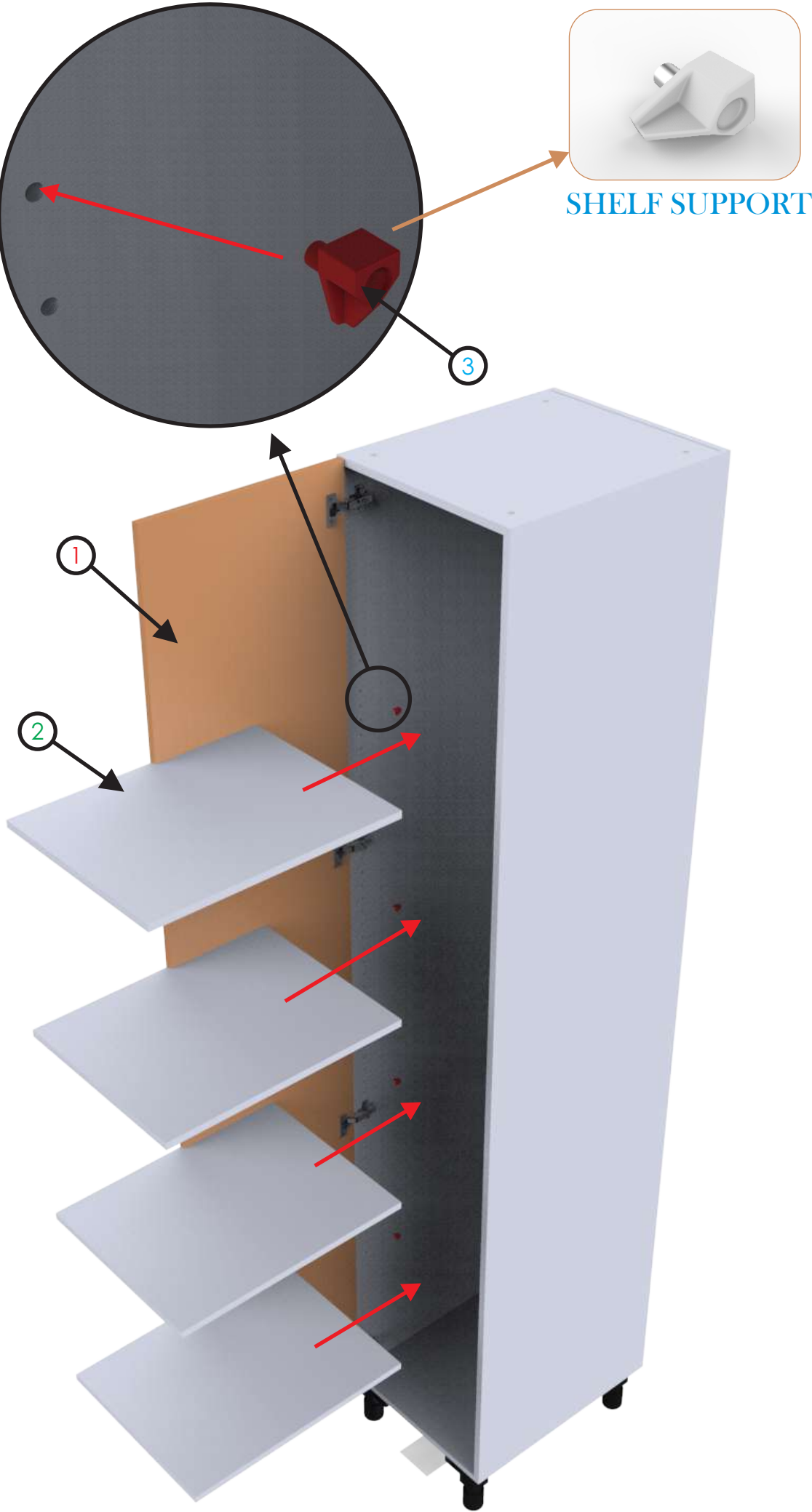
* RESEMBLES CRITICAL DIMENSIONS
RESEMBLES ECR CHANGES



3RD ANGLE

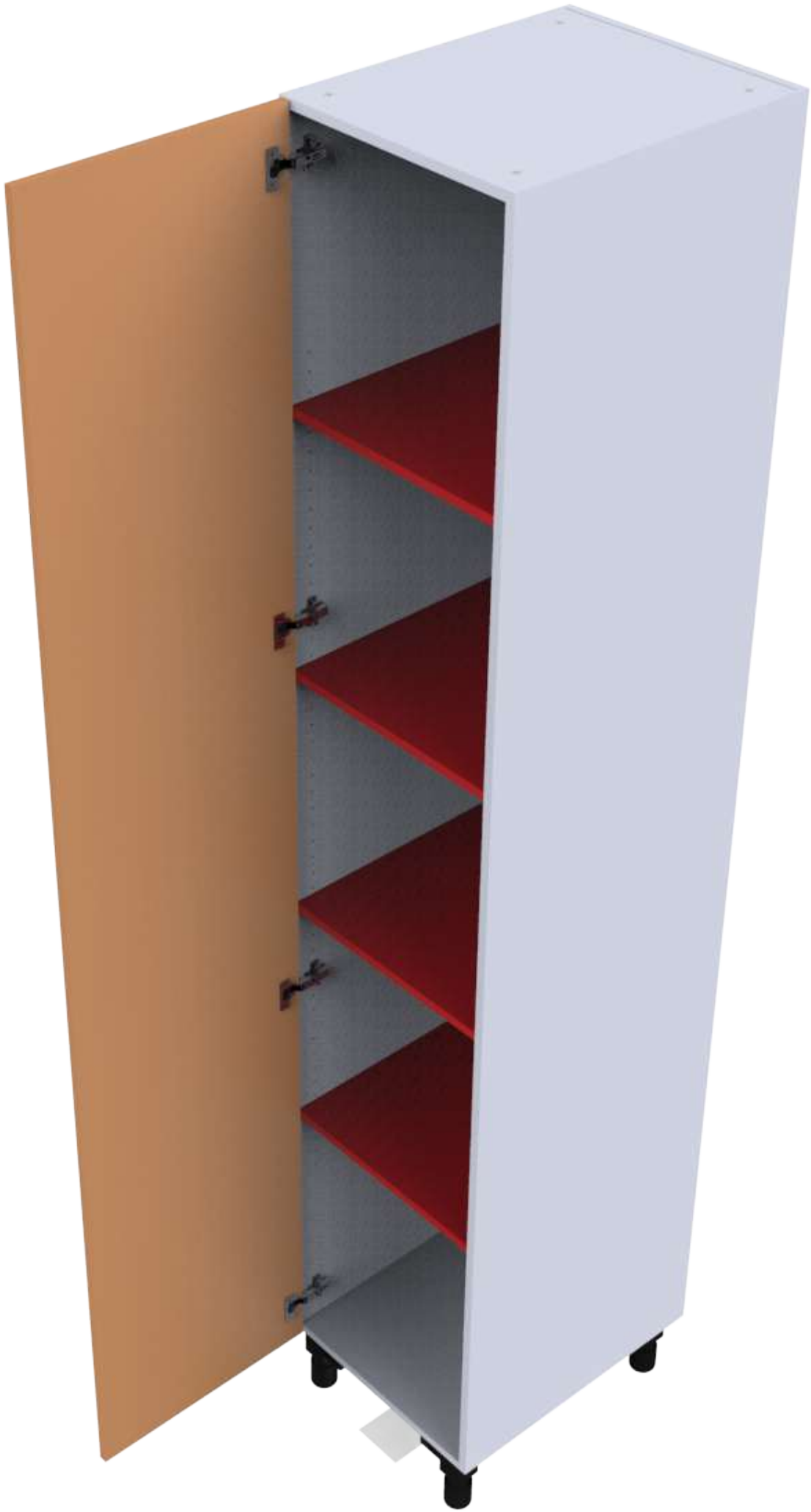
STEP 17

Place parts **SHELF SUPPORTS** in the pre-drilled holes located on the inside of the sub assembly **DOOR + BODY SUB ASS**



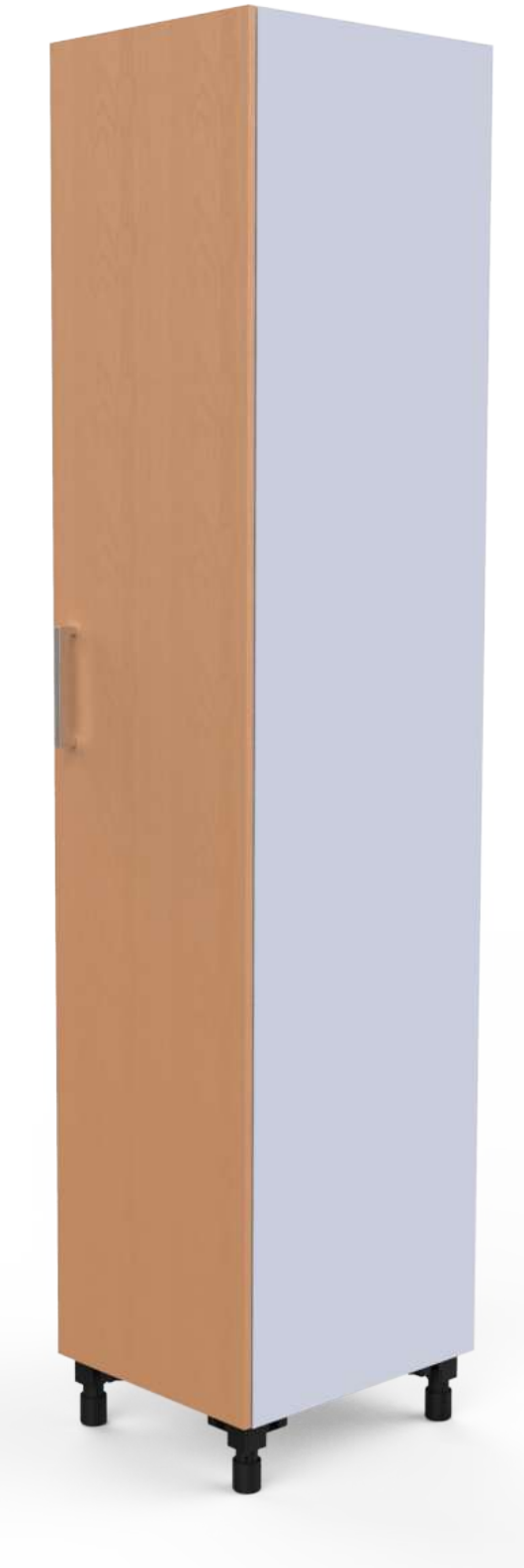
STEP 18

Insert parts **SHELF** inside the unit as shown below:



STEP 19

Your unit is now complete. Finish it off by adding a handle of your choice.



ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-011) SUB ASS	DOOR + BODY SUB ASS	N/A	1
2	(GWB-001-001-005)	SHELF	16mm MELAMINE	4
3	N/A	SHELF SUPPORT	N/A	16

REVISION		
CODE: GWB-001-001	TITLE: GA ASS	
	PART NUMBER: (GWB-001-001-001) GA ASS	SCALE : 1:8 (UOS)
METRIC ALL DIMENSIONS ARE IN mm	NAME	
	ENGINEERED BY: KOSTA KOUMENTAKOS	
	DATE	
3RD ANGLE	DRAWN BY: KOSTA KOUMENTAKOS	
	DATE	
	APPROVED BY: ANASTASIOS ASTERIOU	
	DATE	



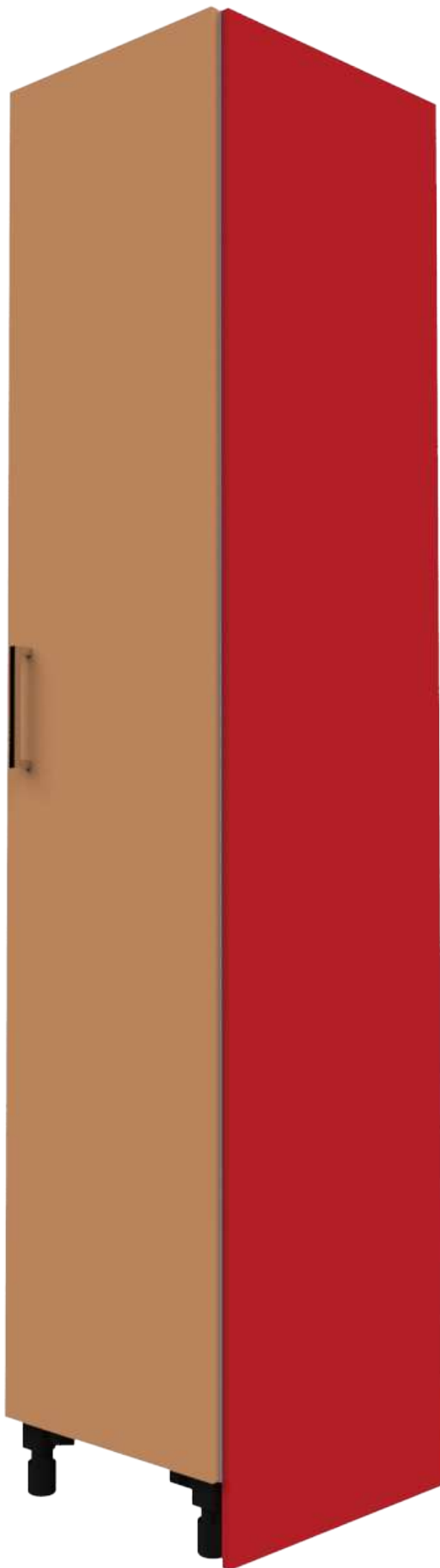
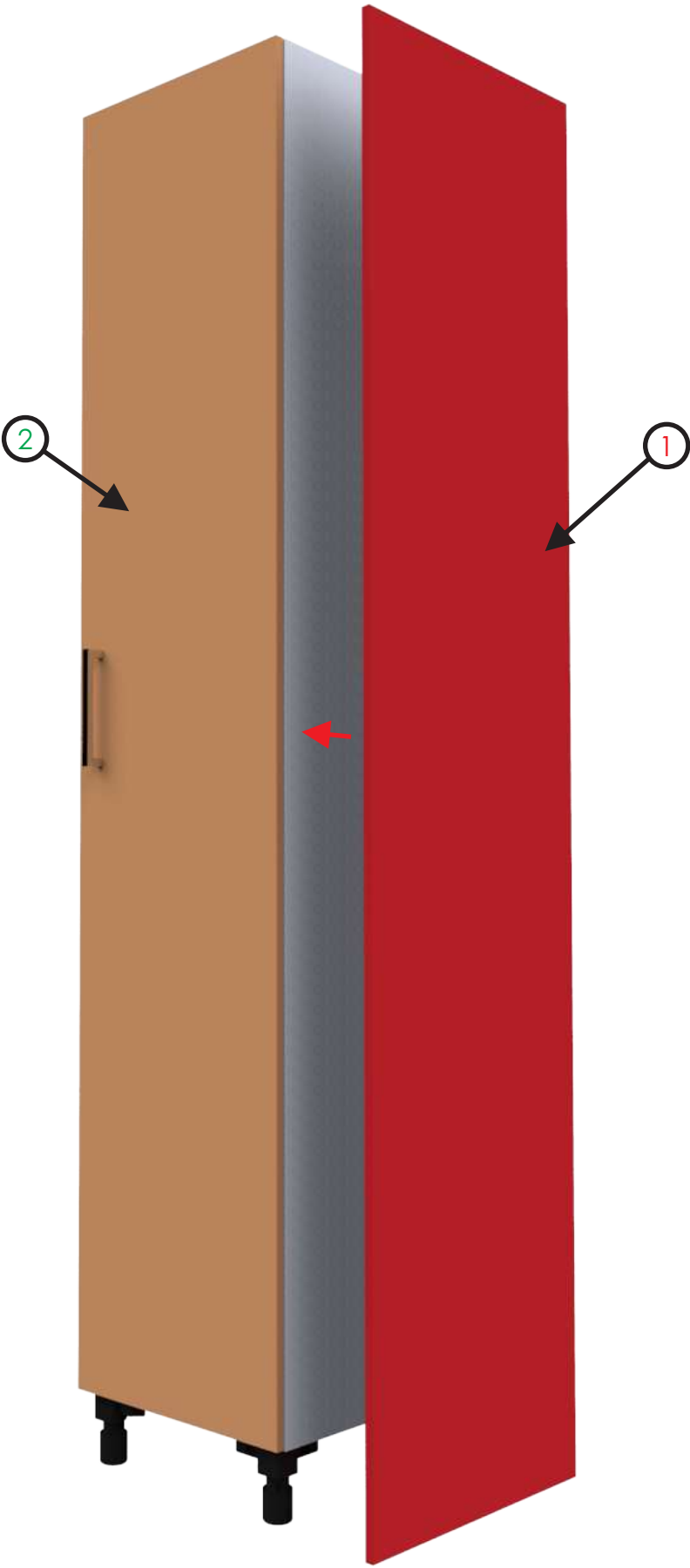
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OPTIONAL STEP 20

Align part **SIDE COVER PANEL** to the outside of the unit. From the inside of the unit screw in the **SCREW 6mm X 30mm** to fasten part **SIDE COVER PANEL** to the side panel. Choose areas on the inside of the cupboard that the screws will be least visible.



ITEM NO:	DRAWING NUMBER:	DESCRIPTION:	MATERIAL:	QTY:
1	(GWB-001-001-008)	SIDE COVER PANEL	N/A	1
2	(GWB-001-001-013) SUB ASS	SIDE COVER PANEL SUB ASS	16mm MELAMINE	1
3	N/A	SQUARE HEAD WOOD SCREW 6mm X 30mm	N/A	4

REVISION			
CODE: GWB-001-001	TITLE: SUB ASS + Side Cover Panel		
	PART NUMBER: (GWB-002-001-013)	SCALE : 1:8 (UOS)	
METRIC ALL DIMENSIONS ARE IN mm	NAME		DATE
	ENGINEERED BY: KOSTA KOUMENTAKOS		13-04-2016
	DRAWN BY: KOSTA KOUMENTAKOS		13-04-2016
3RD ANGLE	APPROVED BY: ANASTASIOS ASTERIOU		13-04-2016



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