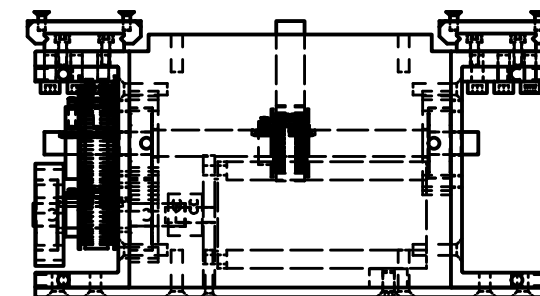
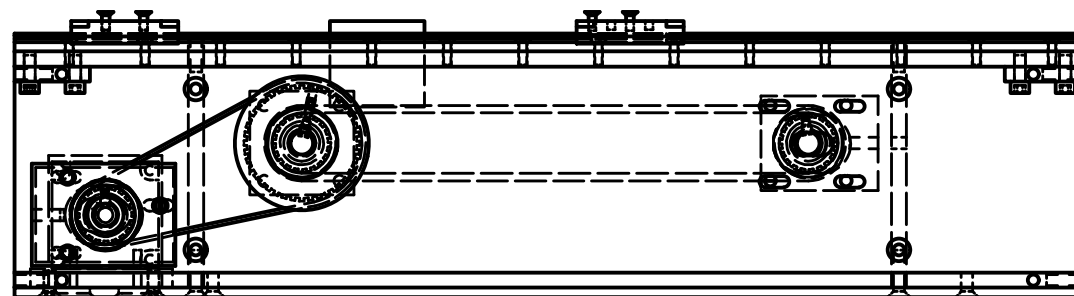
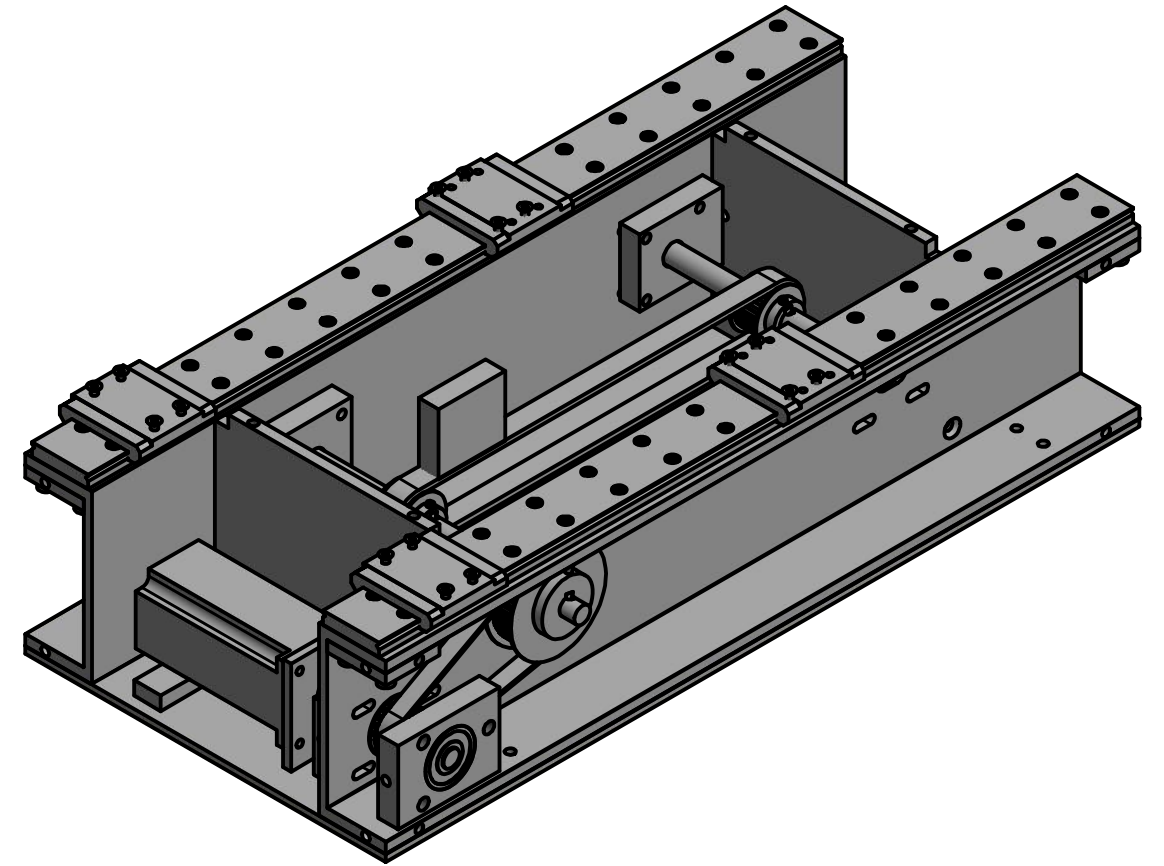
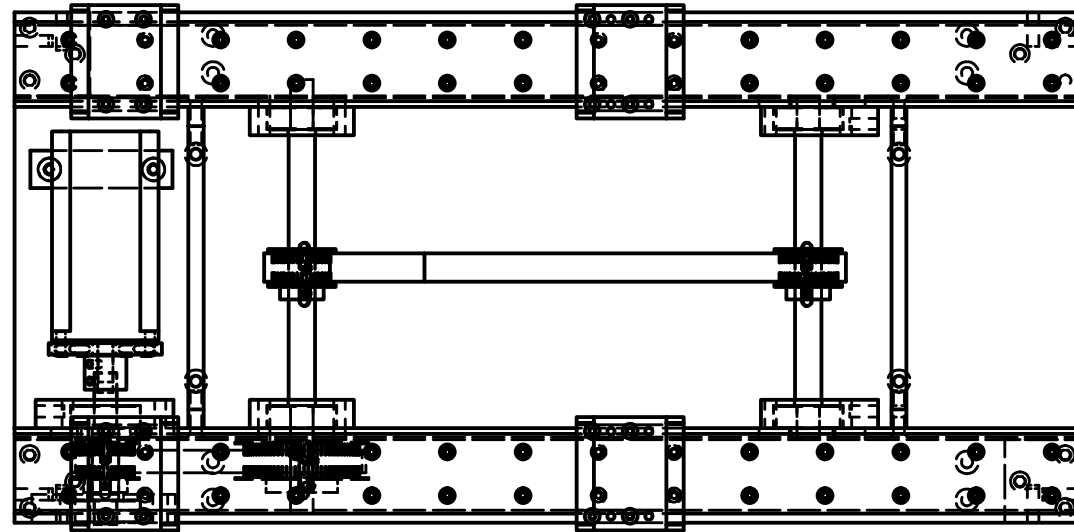
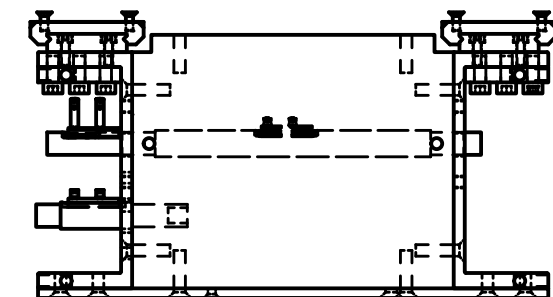
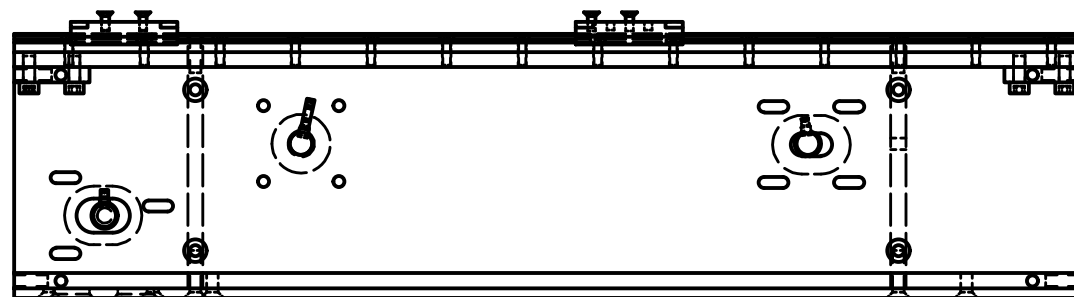
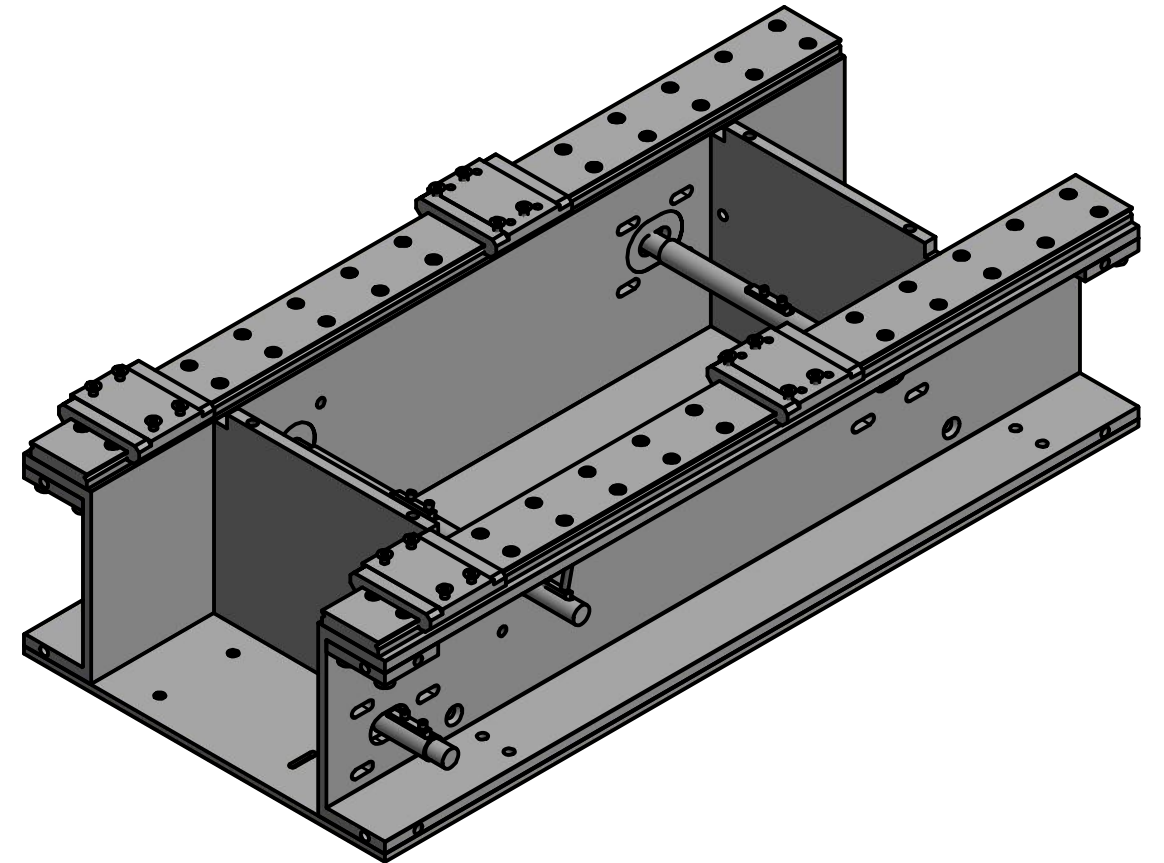
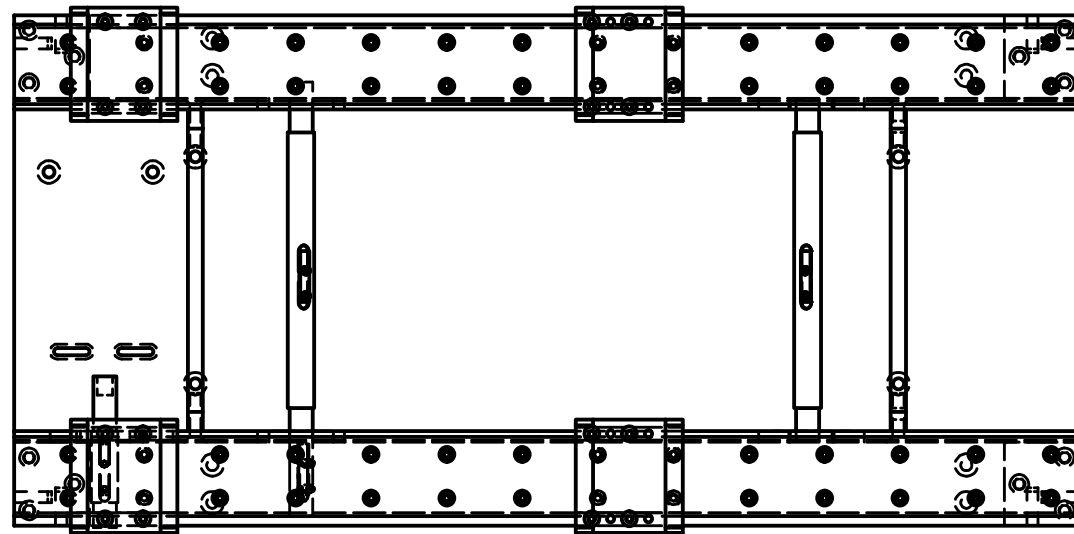


All Holes marked M4 are M4 x 0.7 unless otherwise stated
 All Holes marked M6 are M6 X 1 unless otherwise stated
 All Holes marked M8 are M8 x 1.25 unless otherwise stated

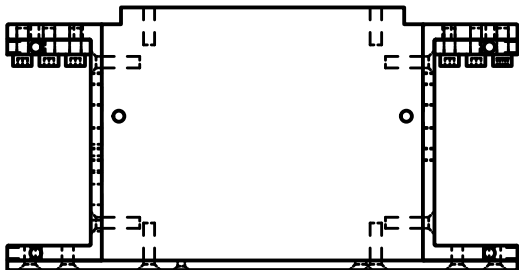
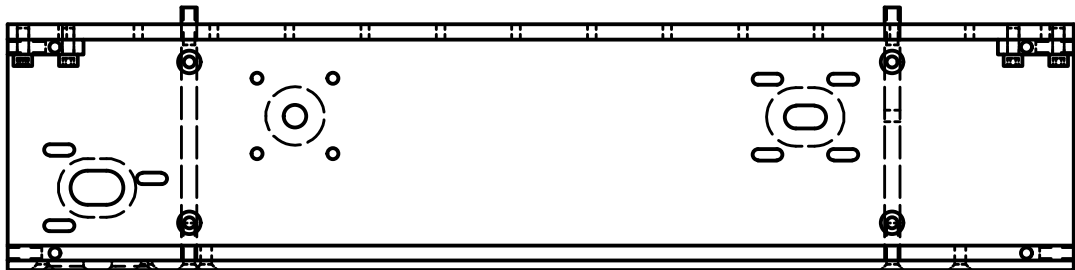
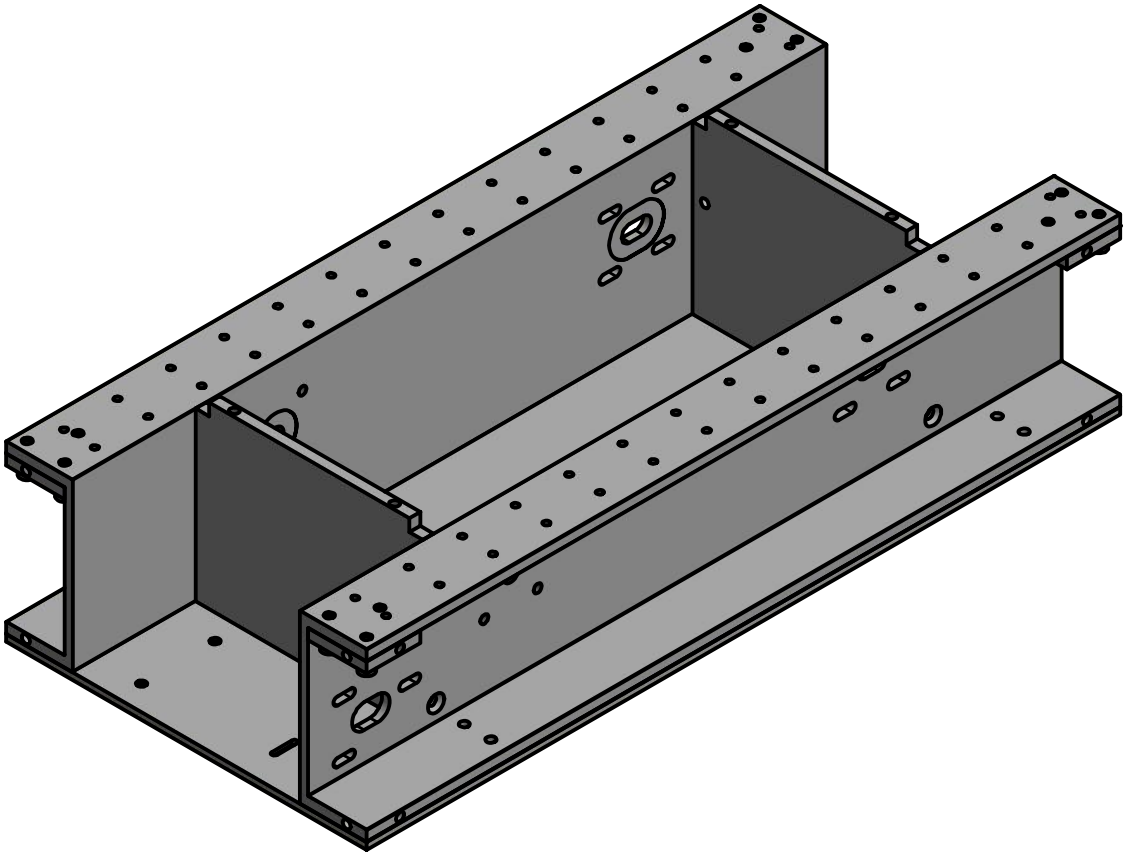
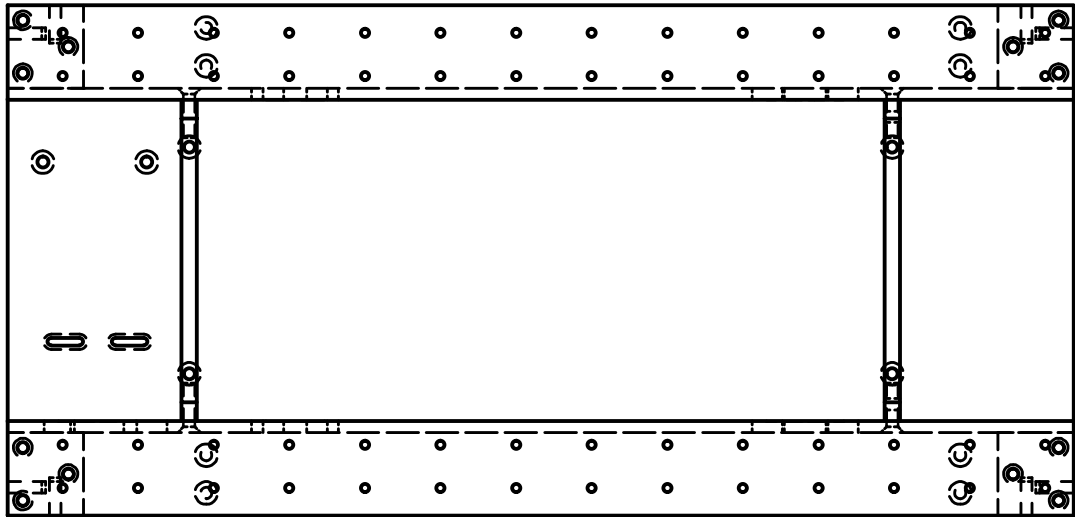
SCALE: 1 : 4	UNITS: mm	DATE: 18/02/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: Mini Shake Table V4		DRAWN BY: AMK	REV:
SHEET SIZE: A3	Total Weight 18.7kg				SHEET TITLE: Assembly Overview	SHEET NO: 1	DRAWING NO: MST001	



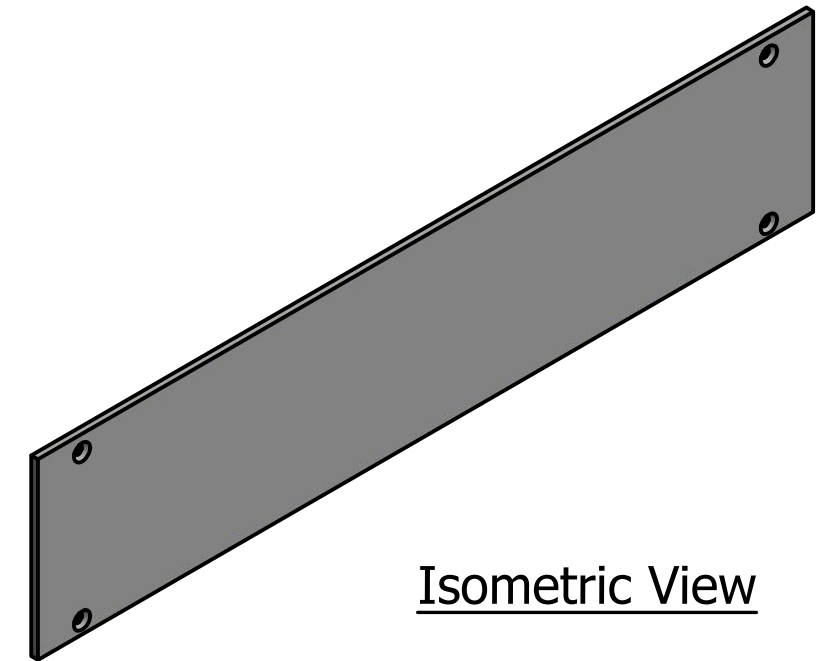
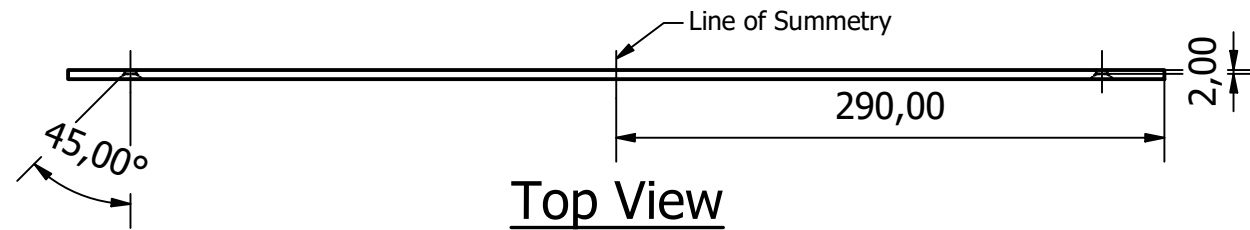
SCALE: 1 : 4	UNITS: mm	DATE: 18/02/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: Mini Shake Table V4	DRAWN BY: AMK	REV:
SHEET SIZE: A3					SHEET TITLE: Outer Walls Removed	SHEET NO: 2	DRAWING NO: MST002



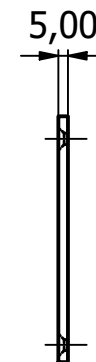
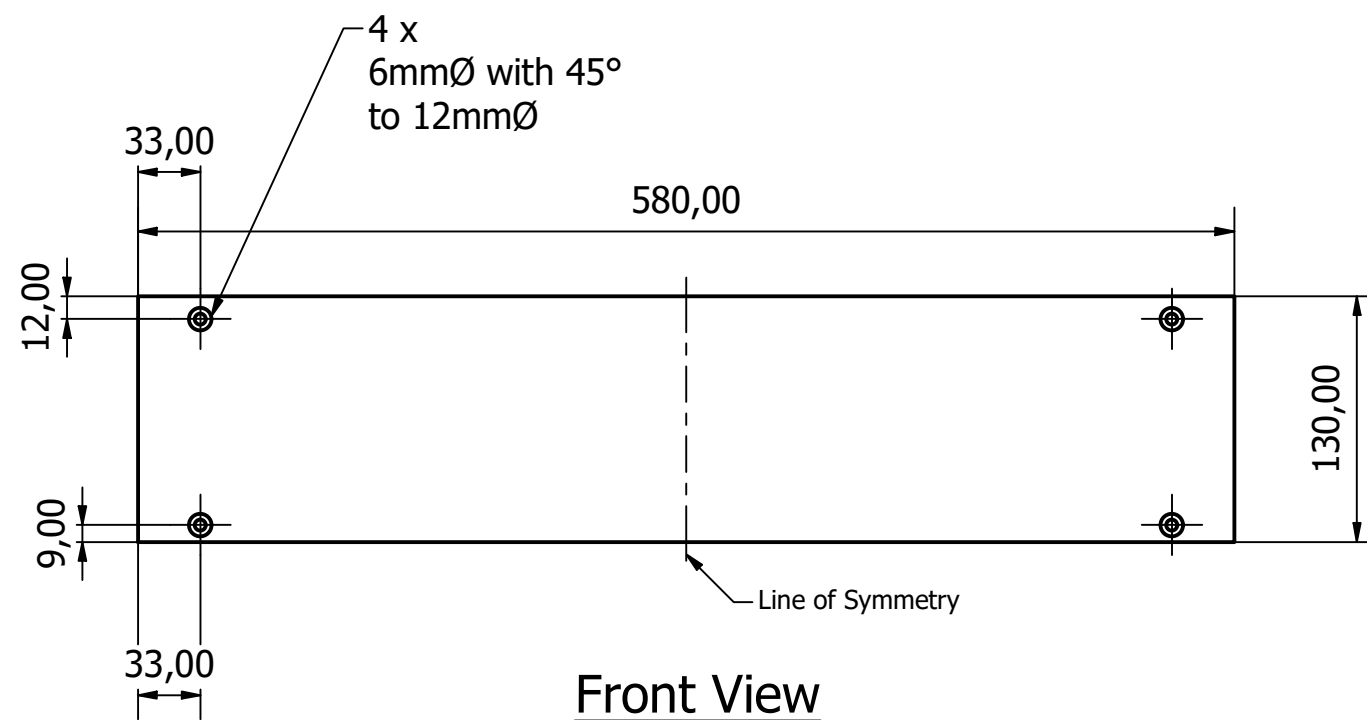
SCALE: 1 : 4	UNITS: mm	DATE: 18/02/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: Mini Shake Table V4	DRAWN BY: AMK	REV:
SHEET SIZE: A3					SHEET TITLE: C Section, Base and Inner	SHEET NO: 3	DRAWING NO: MST003



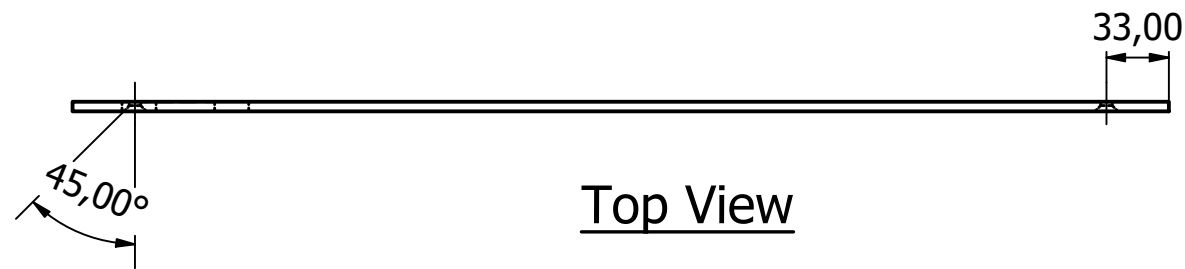
SCALE:	UNITS:	DATE:	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT:	DRAWN BY:	REV:
1 : 4	mm	18/02/2019			Mini Shake Table V4	AMK	
SHEET SIZE:					SHEET TITLE:	SHEET NO:	DRAWING NO:
A3					Assembly Main Structure	4	MST004



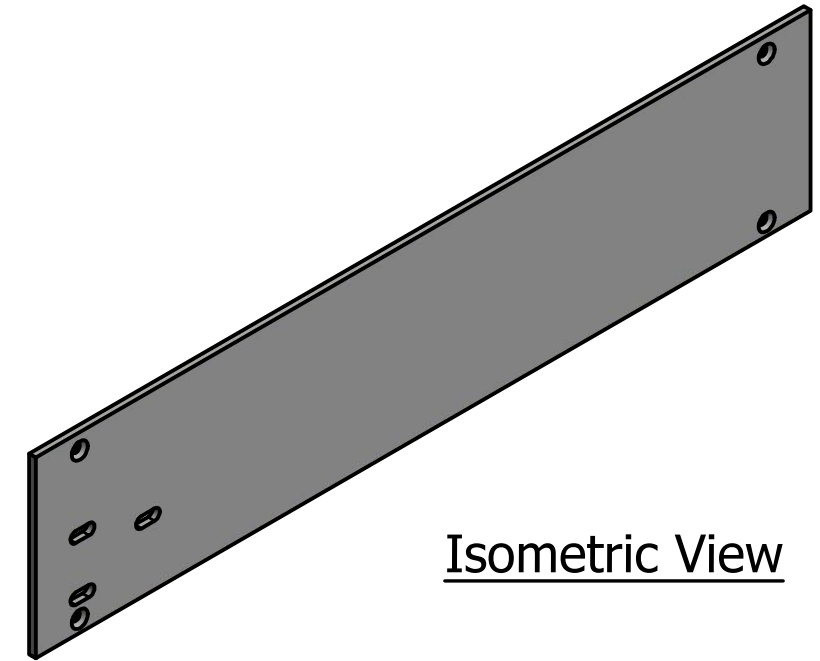
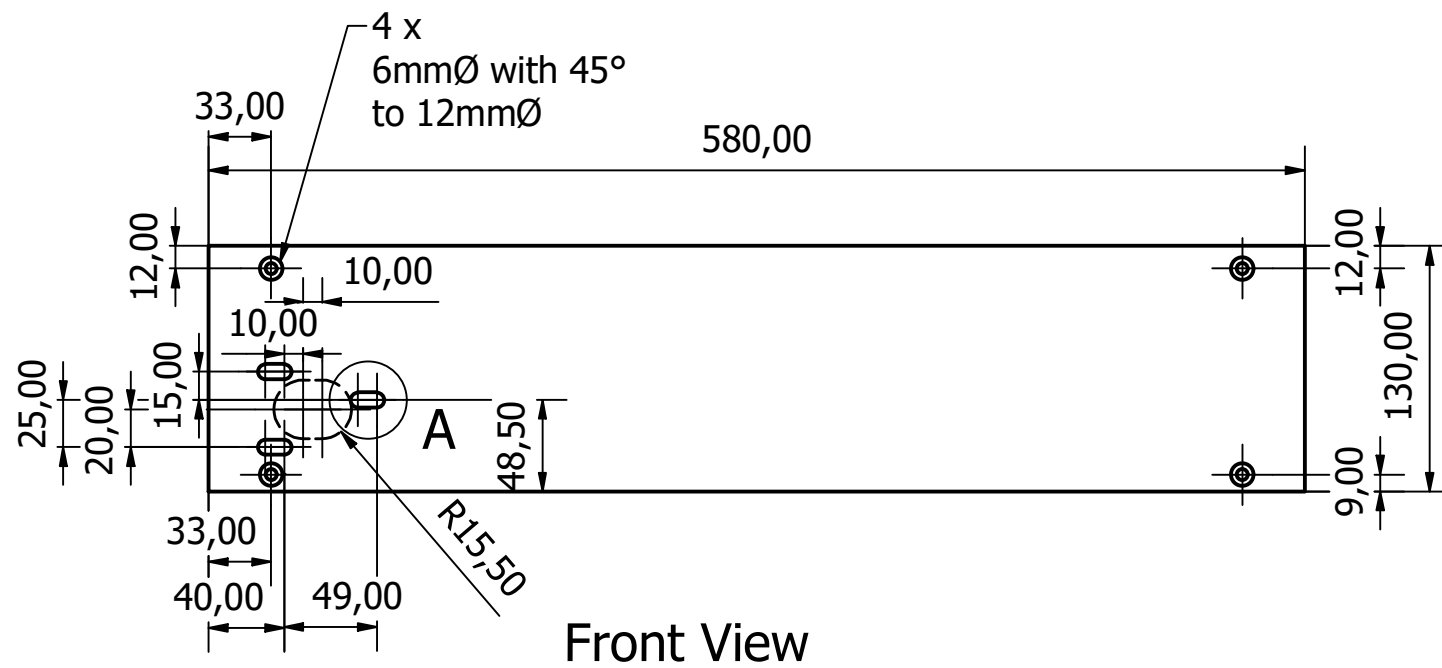
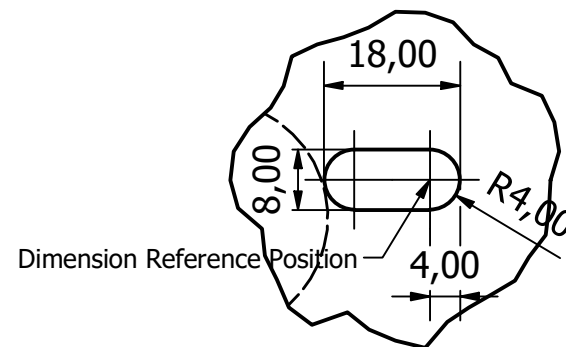
1 x Required



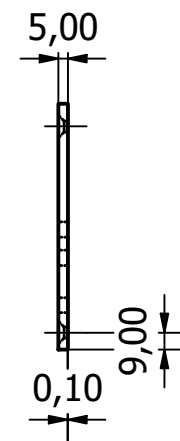
SCALE: 1:4	UNITS: mm	DATE: 18/02/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: Side Wall 1		DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Isometric Views	SHEET NO: 5	DRAWING NO: MST005	



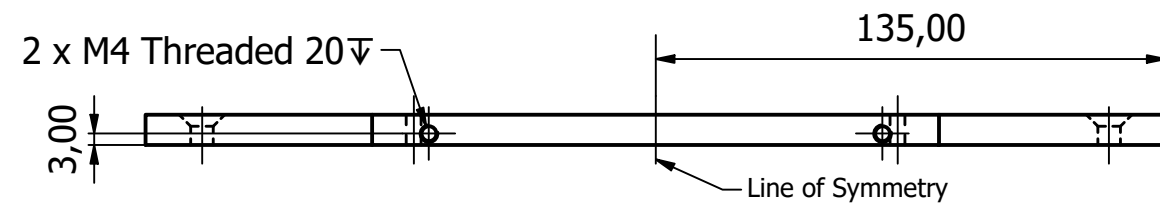
3 x Detail A (1 : 1)



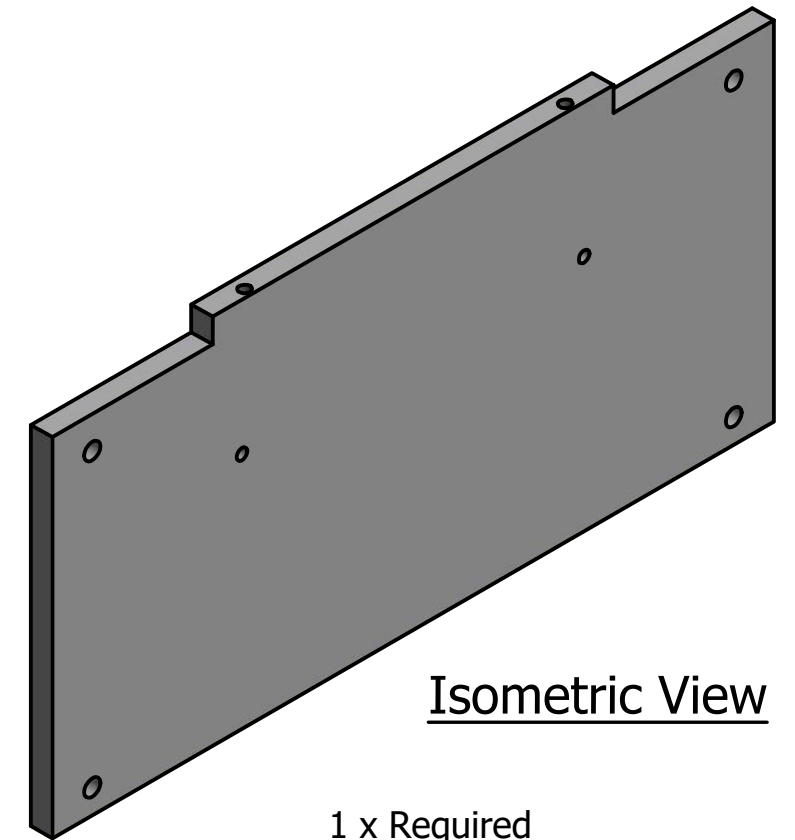
1 x Required



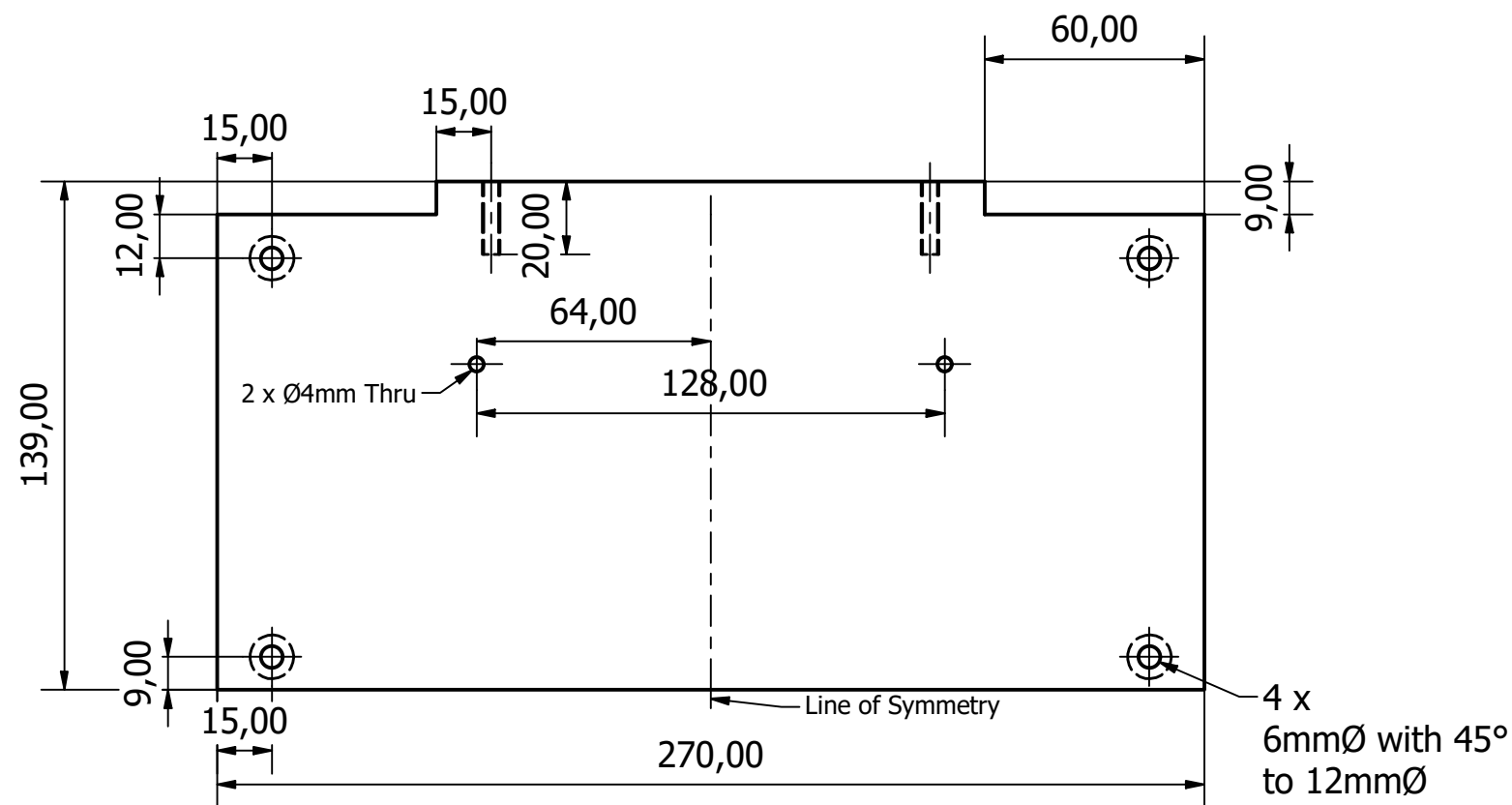
SCALE: 1 : 4	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: Side Wall 2	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 6	DRAWING NO: MST006



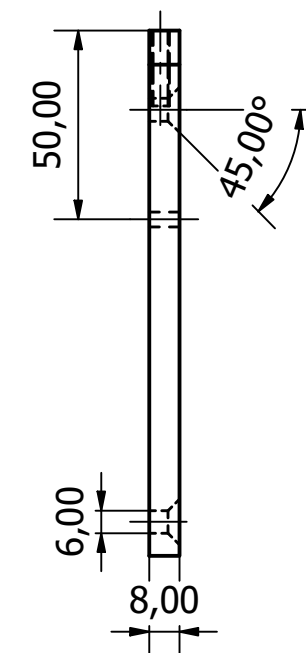
Top View



Isometric View

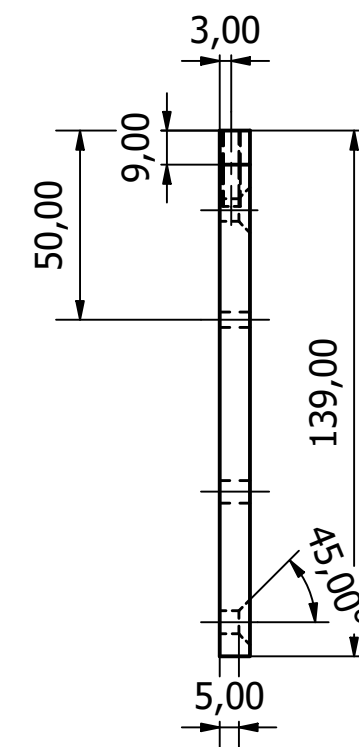
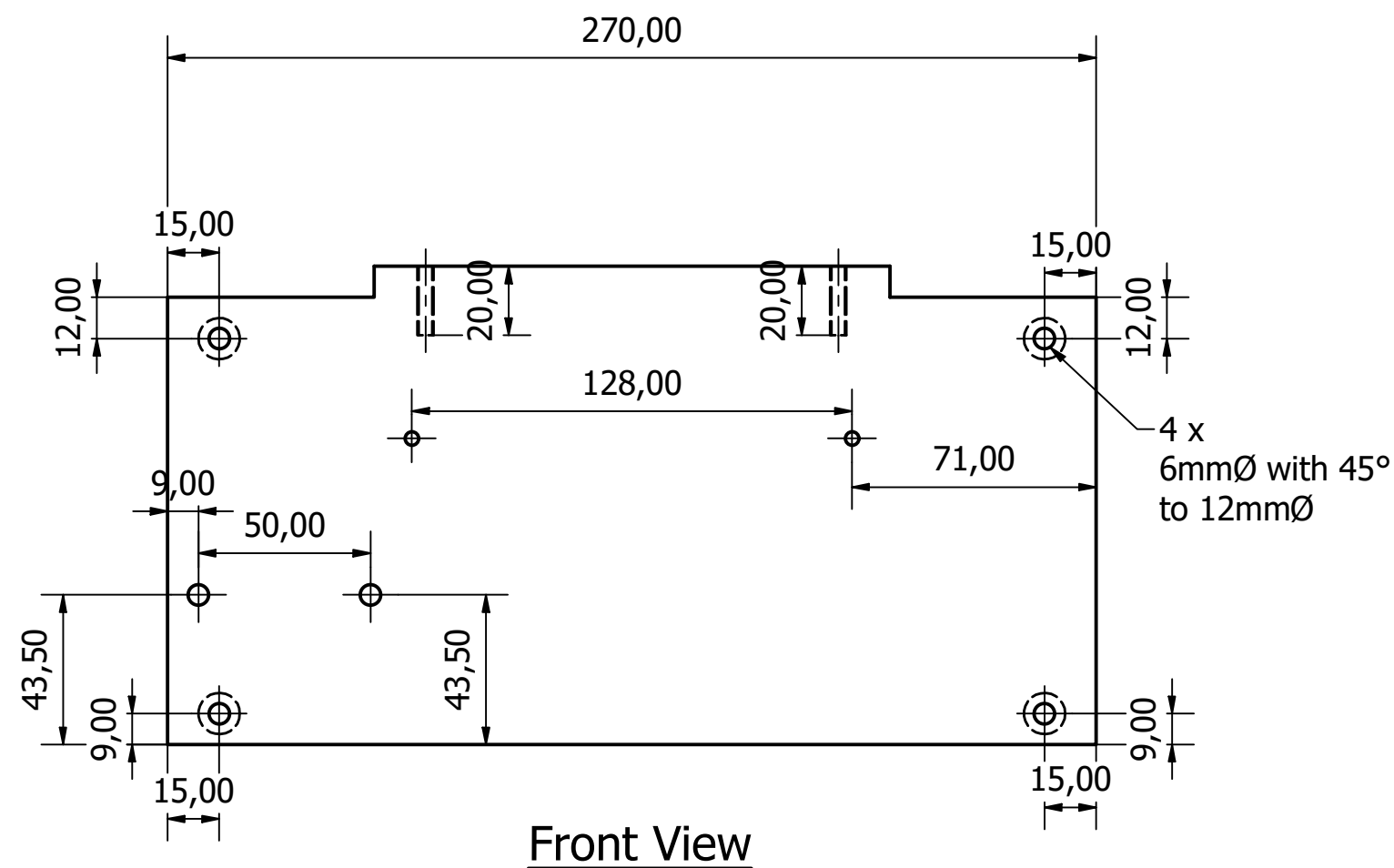
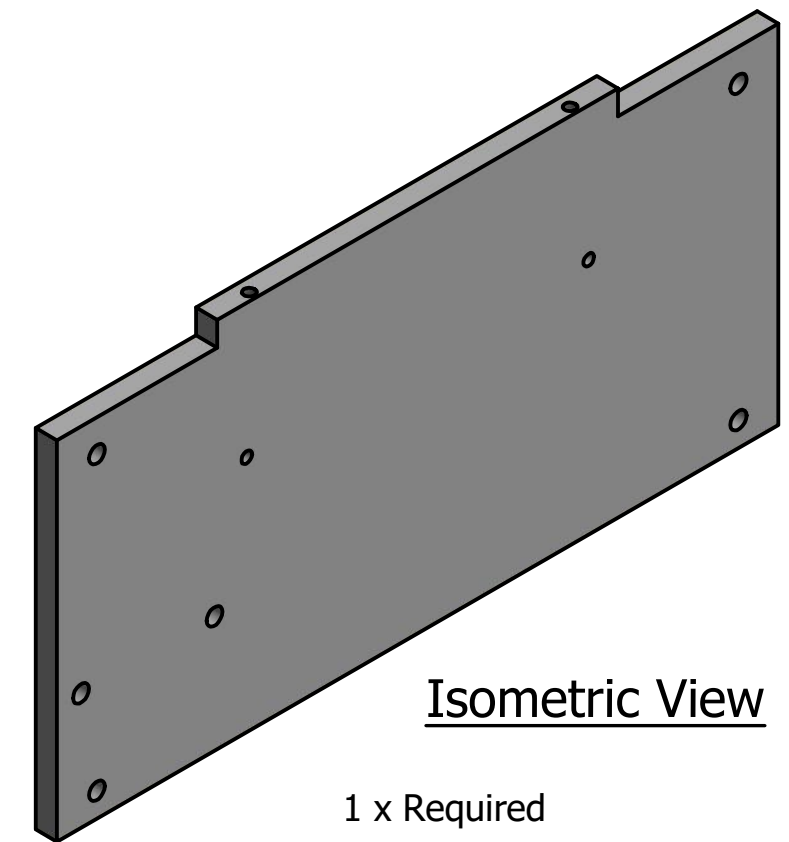
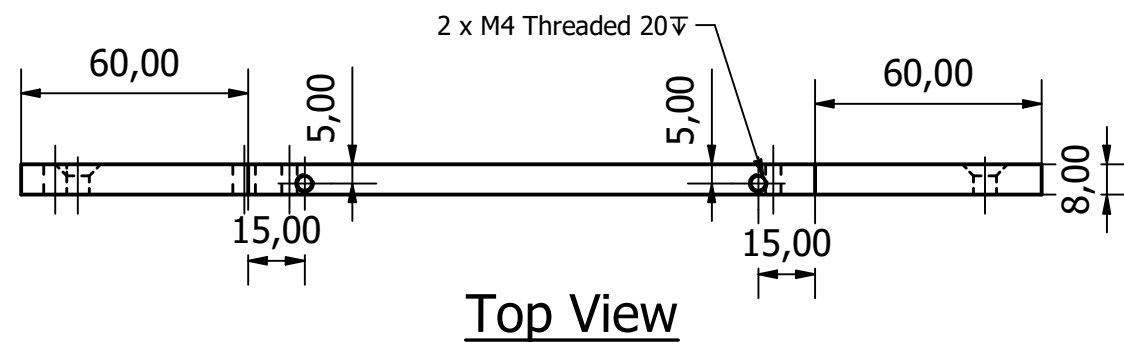


Front View

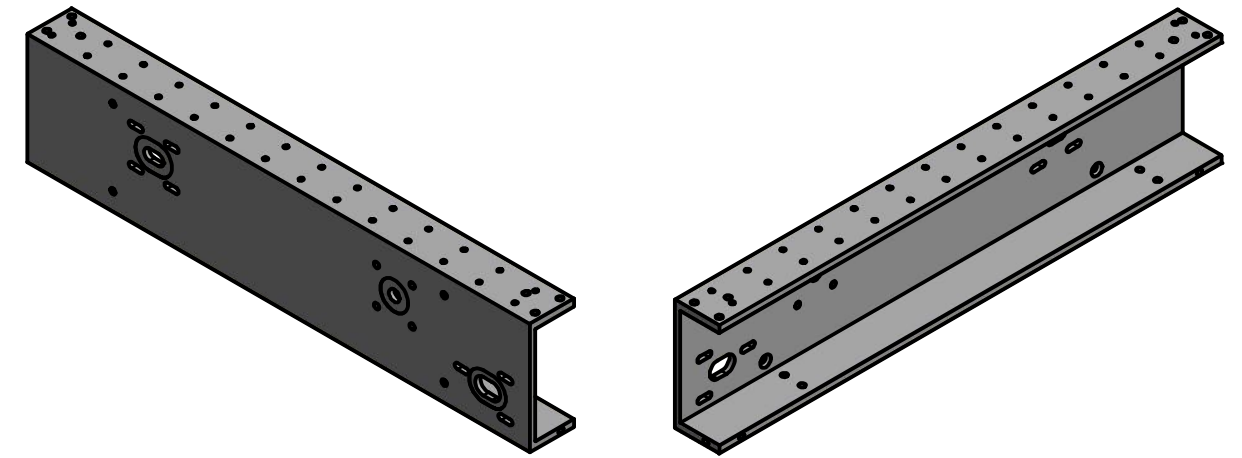
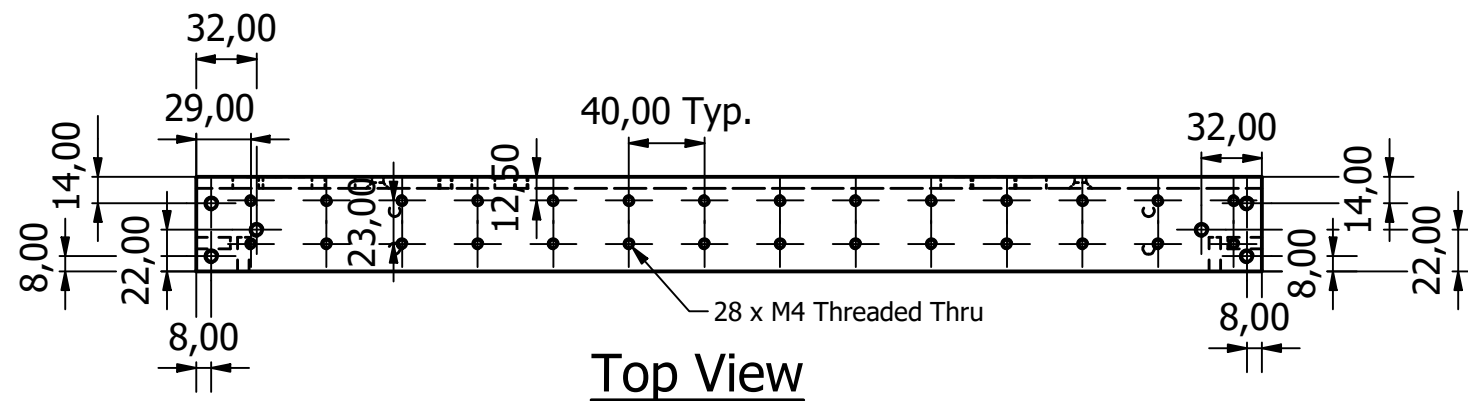


Right Side View

SCALE: 1:2	UNITS: mm	DATE: 18/02/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: End Wall 1	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 7	DRAWING NO: MST007

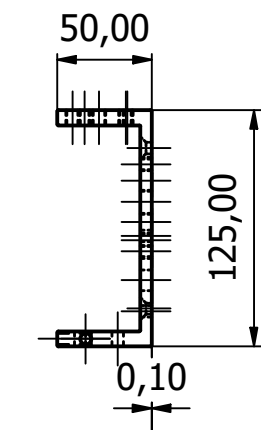
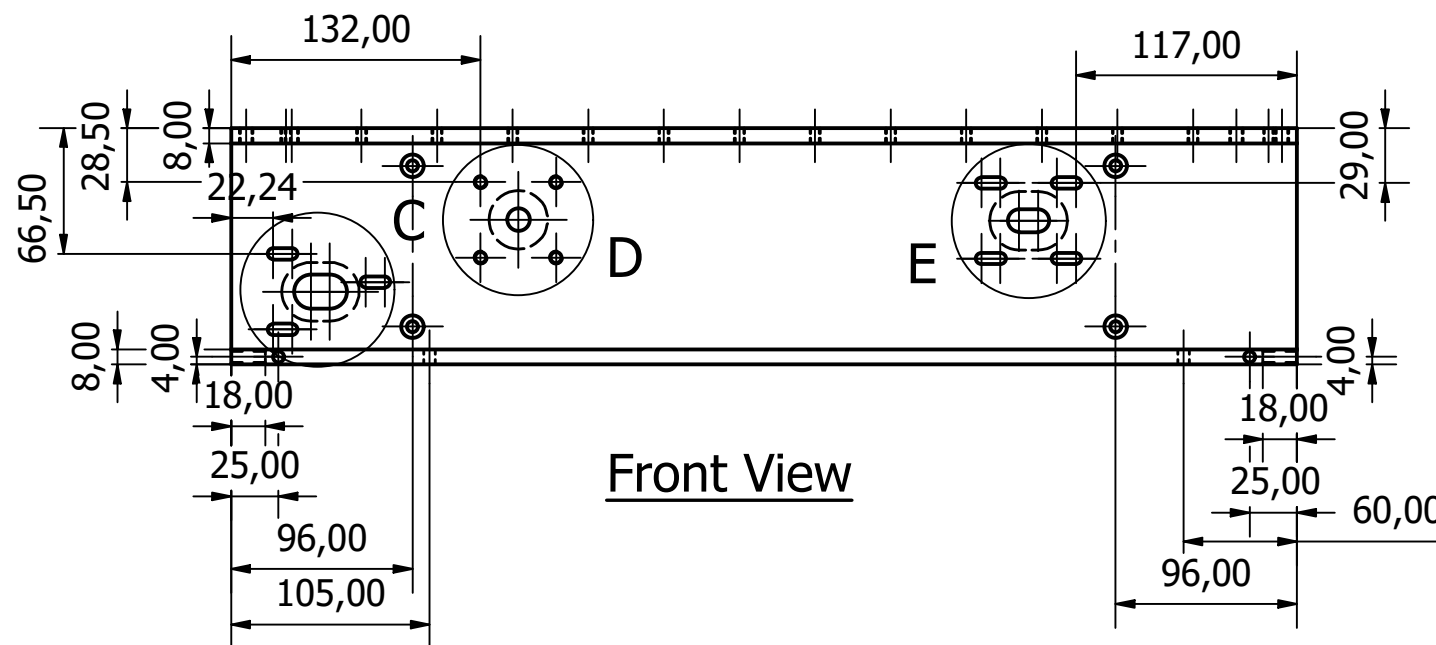
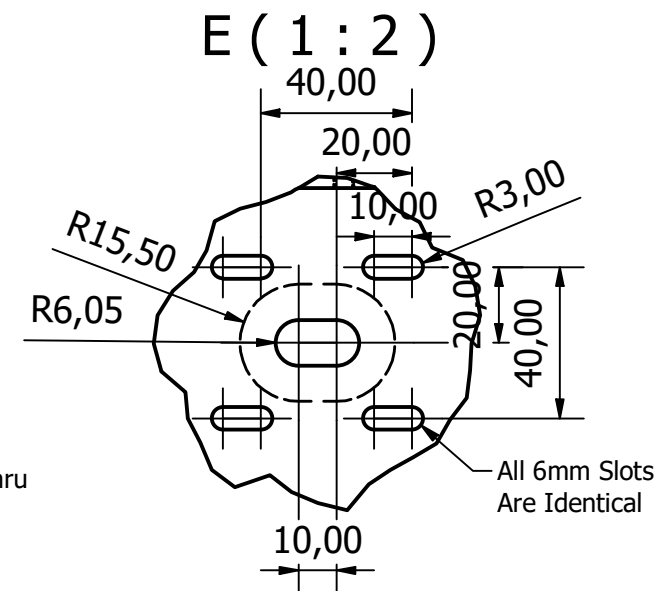
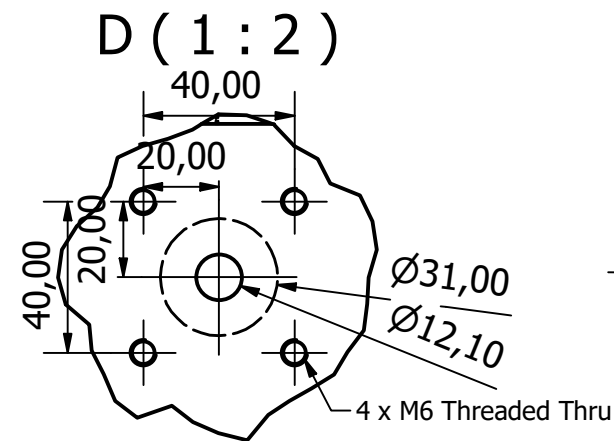
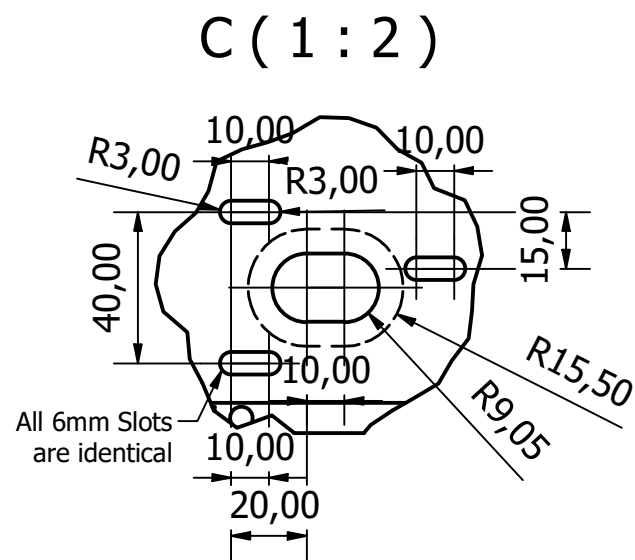


<u>SCALE:</u> 1:2	<u>UNITS:</u> mm	<u>DATE:</u> 18/02/2019	<u>APPROVED BY:</u> 		<u>EQUIPMENT:</u> End Wall 2	<u>DRAWN BY:</u> AMK	<u>REV:</u>
<u>SHEET SIZE:</u> A3	Material: Aluminium To be Anodized at a later date				<u>SHEET TITLE:</u> Orthographic Views	<u>SHEET NO:</u> 8	<u>DRAWING NO:</u> MST008



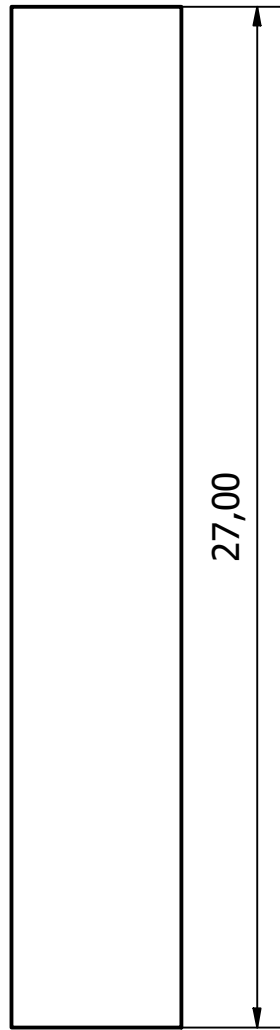
Isometric Views (Back and Front)

2 x Required
(1 x Left Hand, 1 x Right Hand)

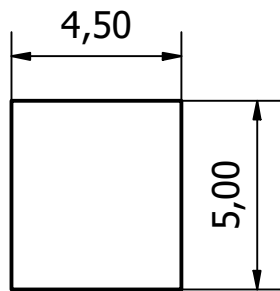


Right Side View

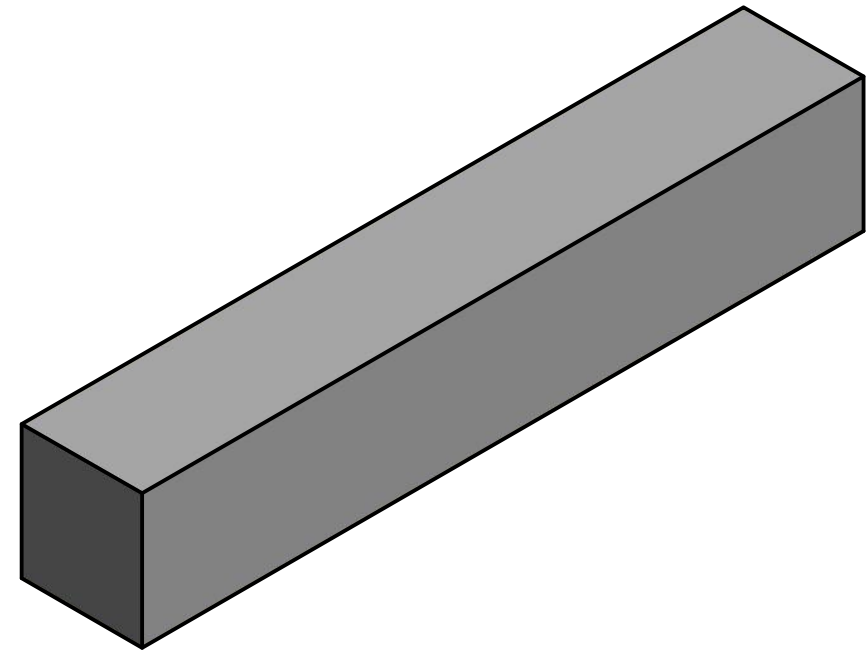
SCALE: 1:4	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: C Section 1	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 9	DRAWING NO: MST009



Top View

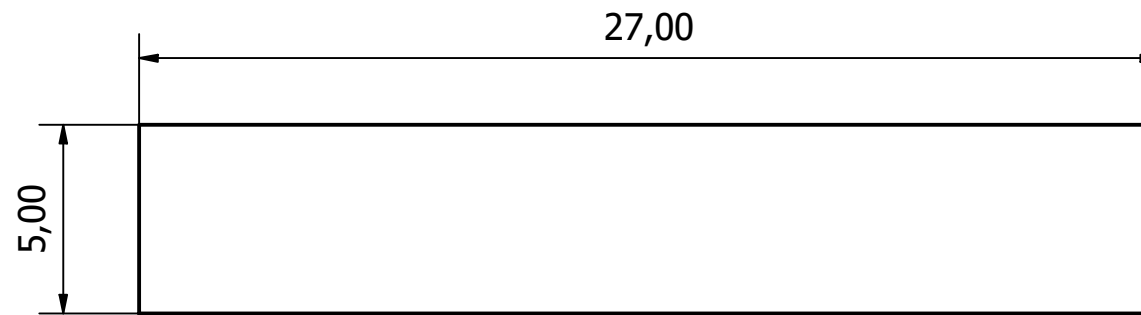


Front View



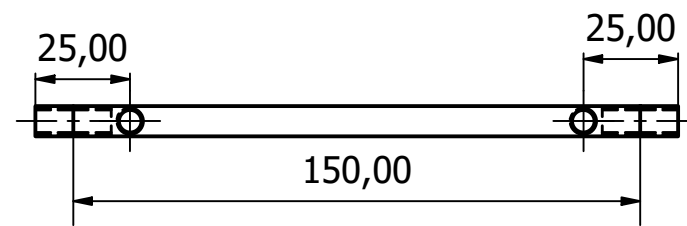
Isometric View

4 x Required

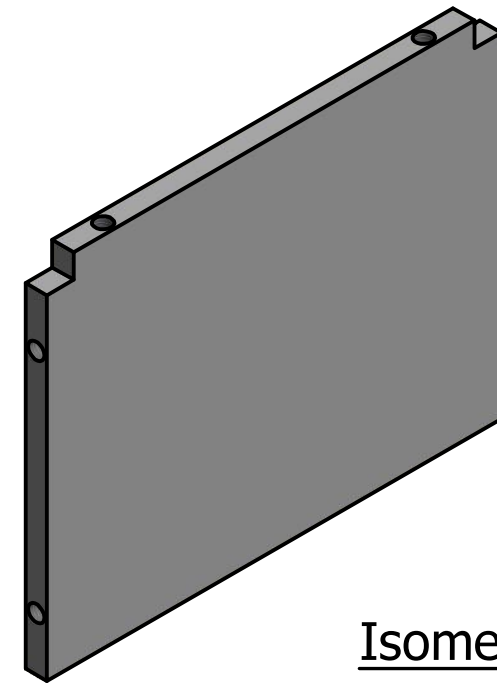


Right Side View

SCALE: 5:1	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: Keyway		DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic View	SHEET NO: 10	DRAWING NO: MST010	

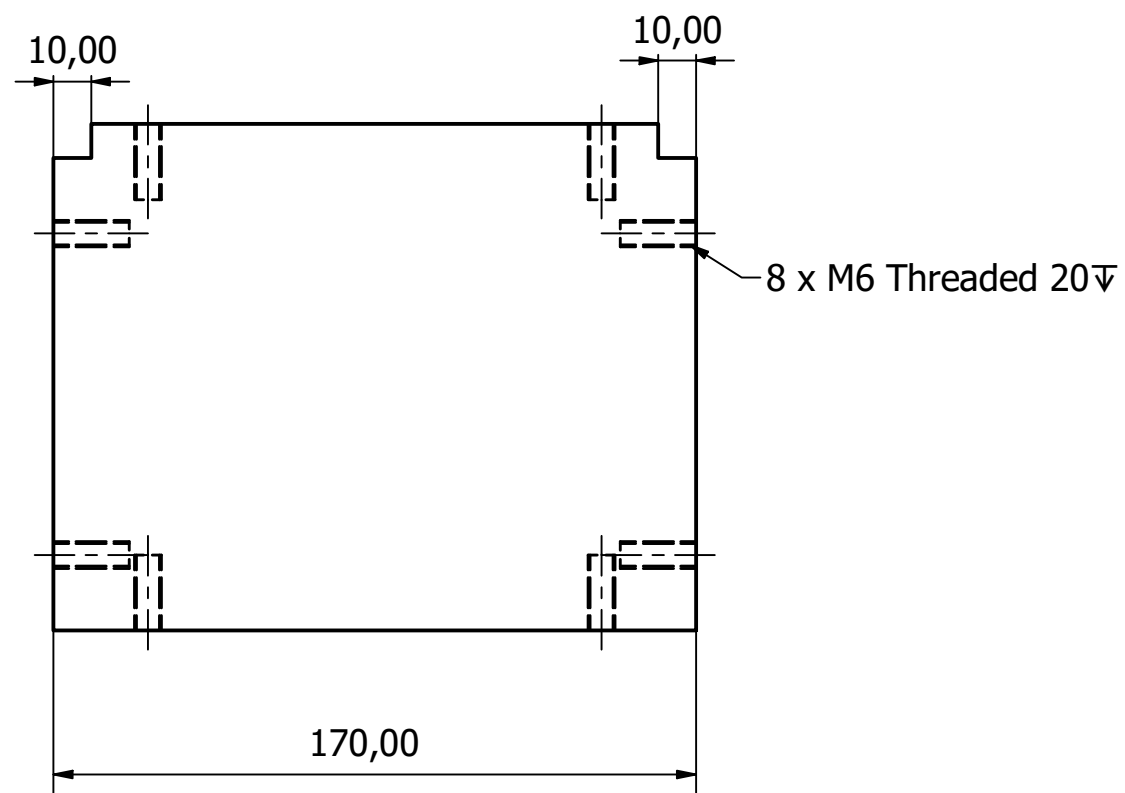


Top View

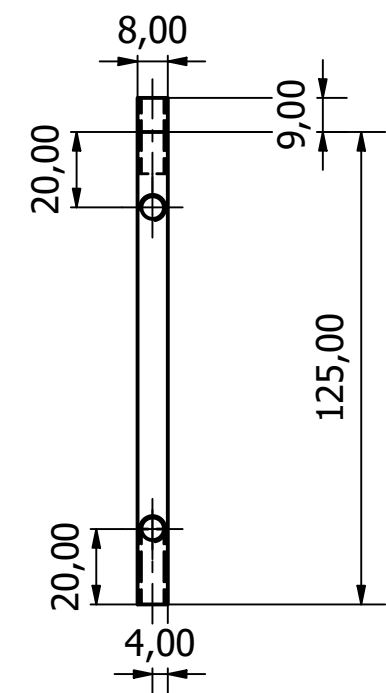


Isometric View

1 x Required

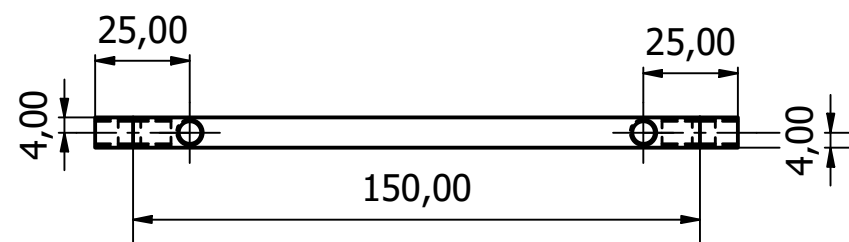


Front View

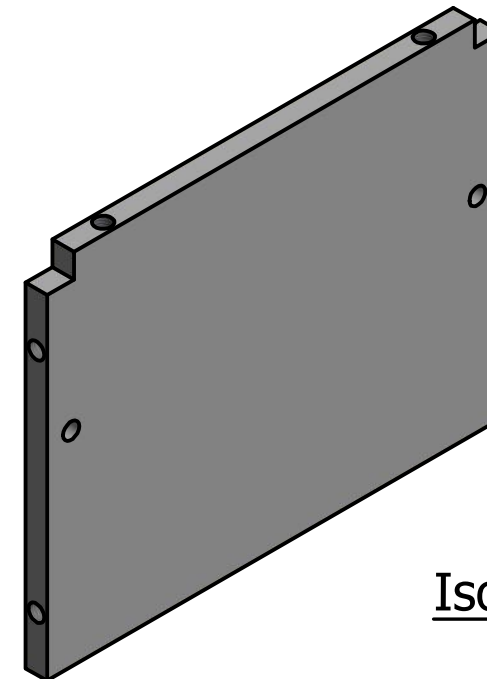


Right Side View

SCALE: 1:2	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: Inner Wall 1	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 11	DRAWING NO: MST011

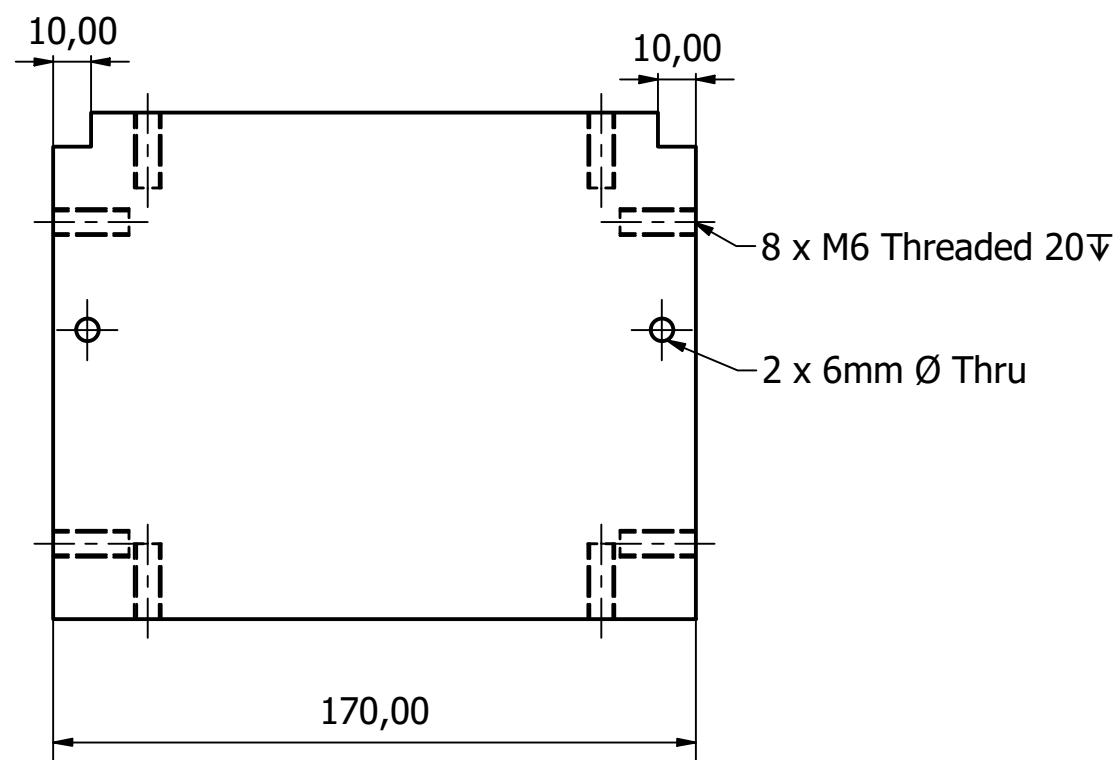


Top View

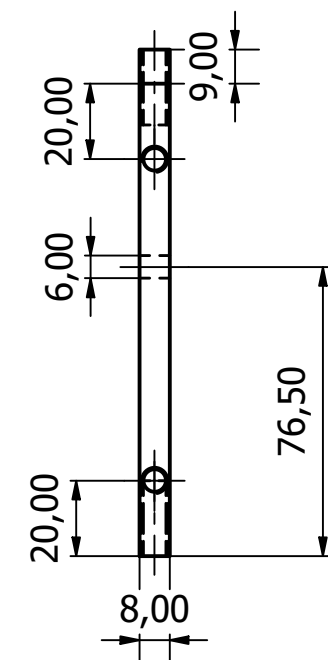


Isometric View

1 x Required



Front View



Right Side View

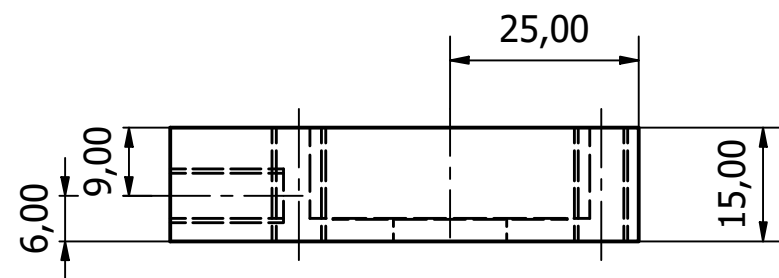
SCALE: 1:2	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: Inner Wall 2	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 12	DRAWING NO: MST012

[illegible]

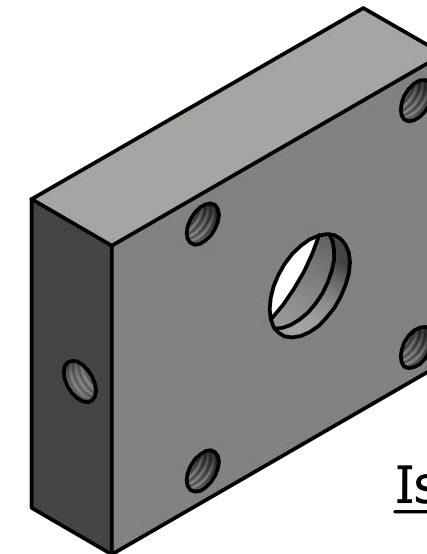
Front View



SCALE: 1:1	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: Bearing Holder 1	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic View	SHEET NO: 13	DRAWING NO: MST013

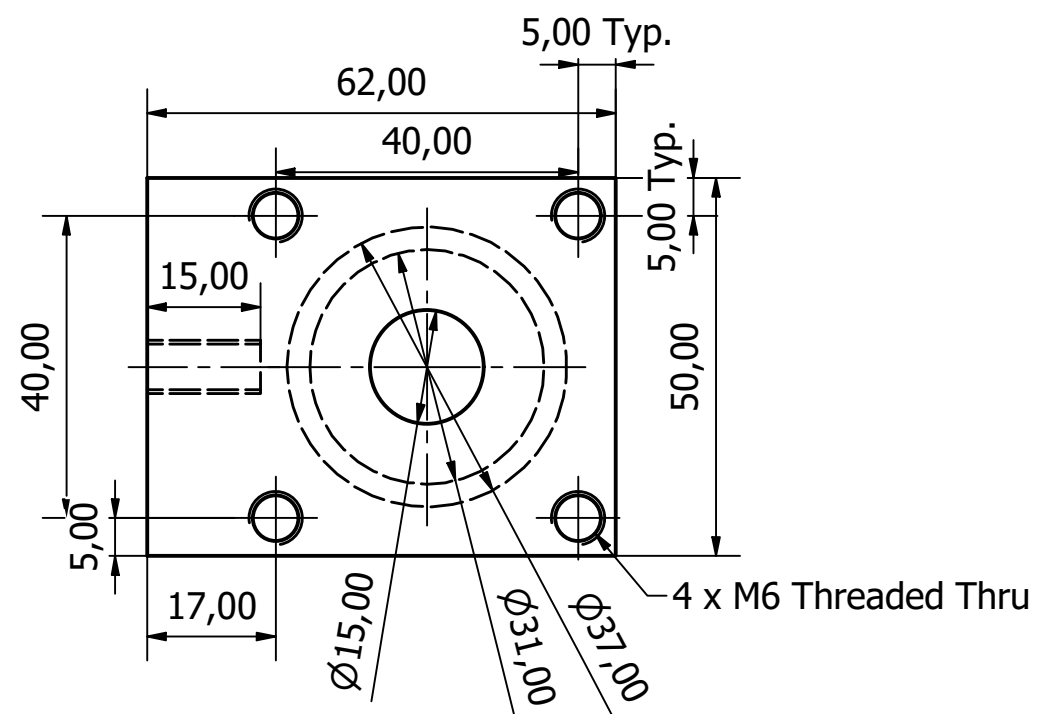


Top View

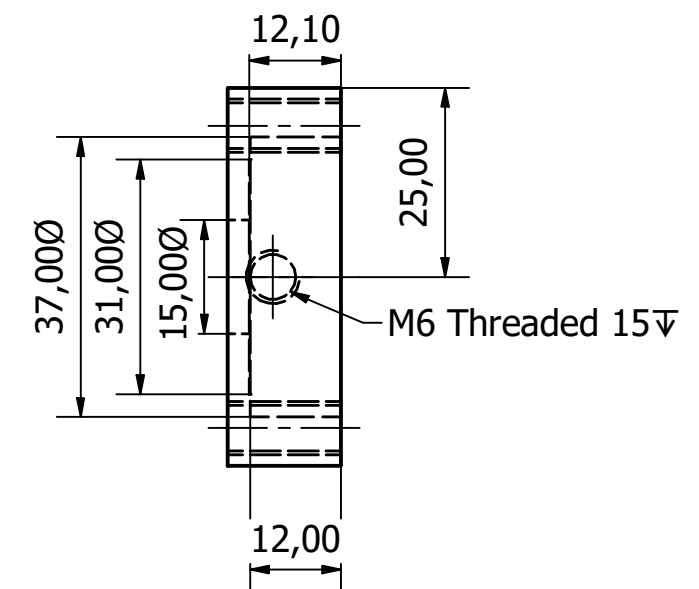


Isometric View

2 x Required

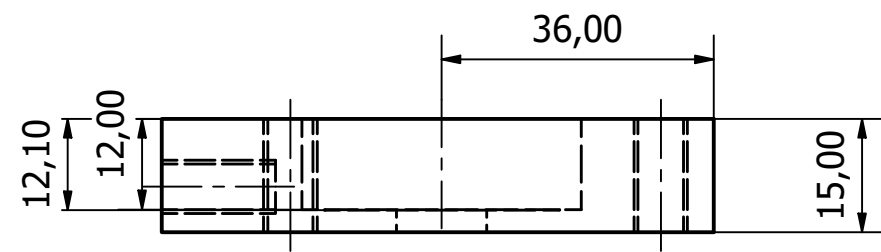


Front View

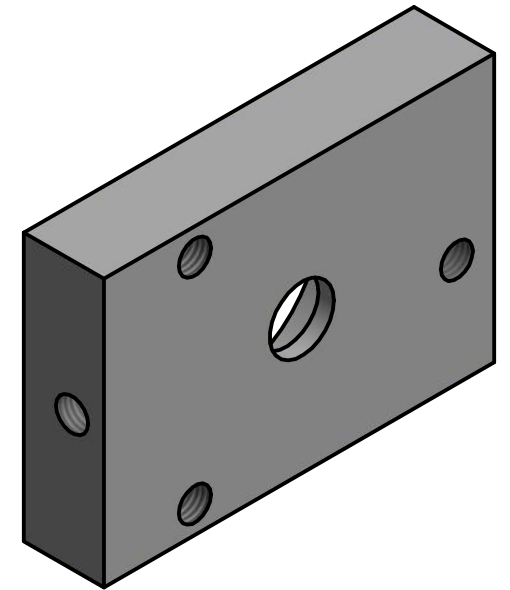


Right Side View

SCALE: 1:1	UNITS: mm	DATE: 23/09/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: Bearing Holder 2	DRAWN BY: AMK	REV: 1
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 14	DRAWING NO: MST014

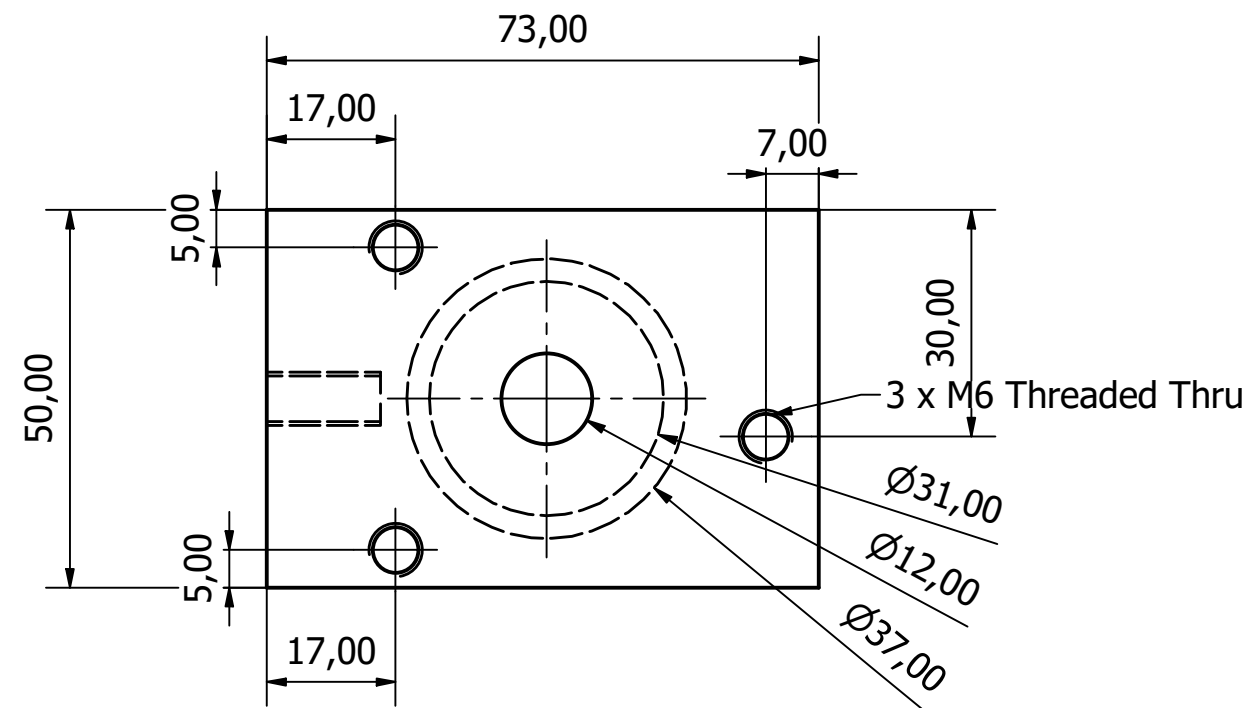


Top View

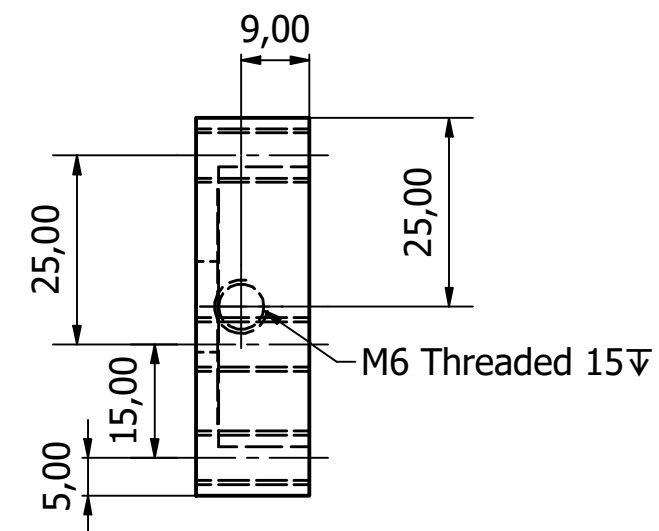


Isometric View

1 x Required

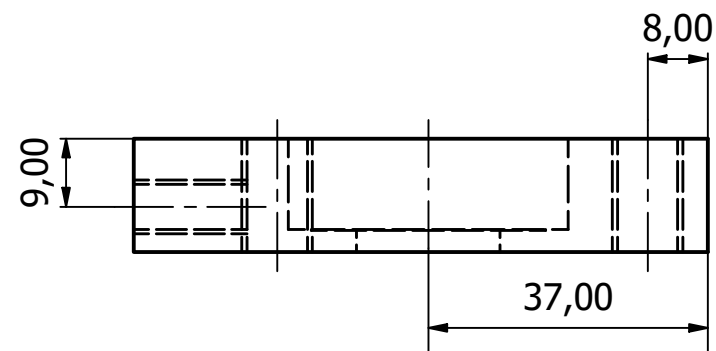


Front View

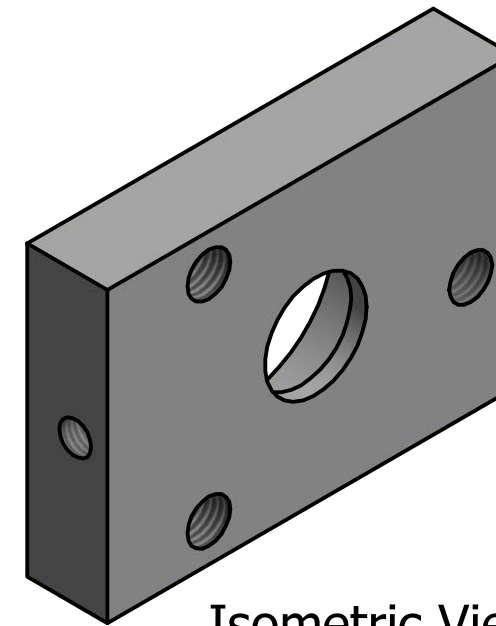


Right Side View

SCALE: 1:1	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: Bearing Holder 3	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 15	DRAWING NO: MST015

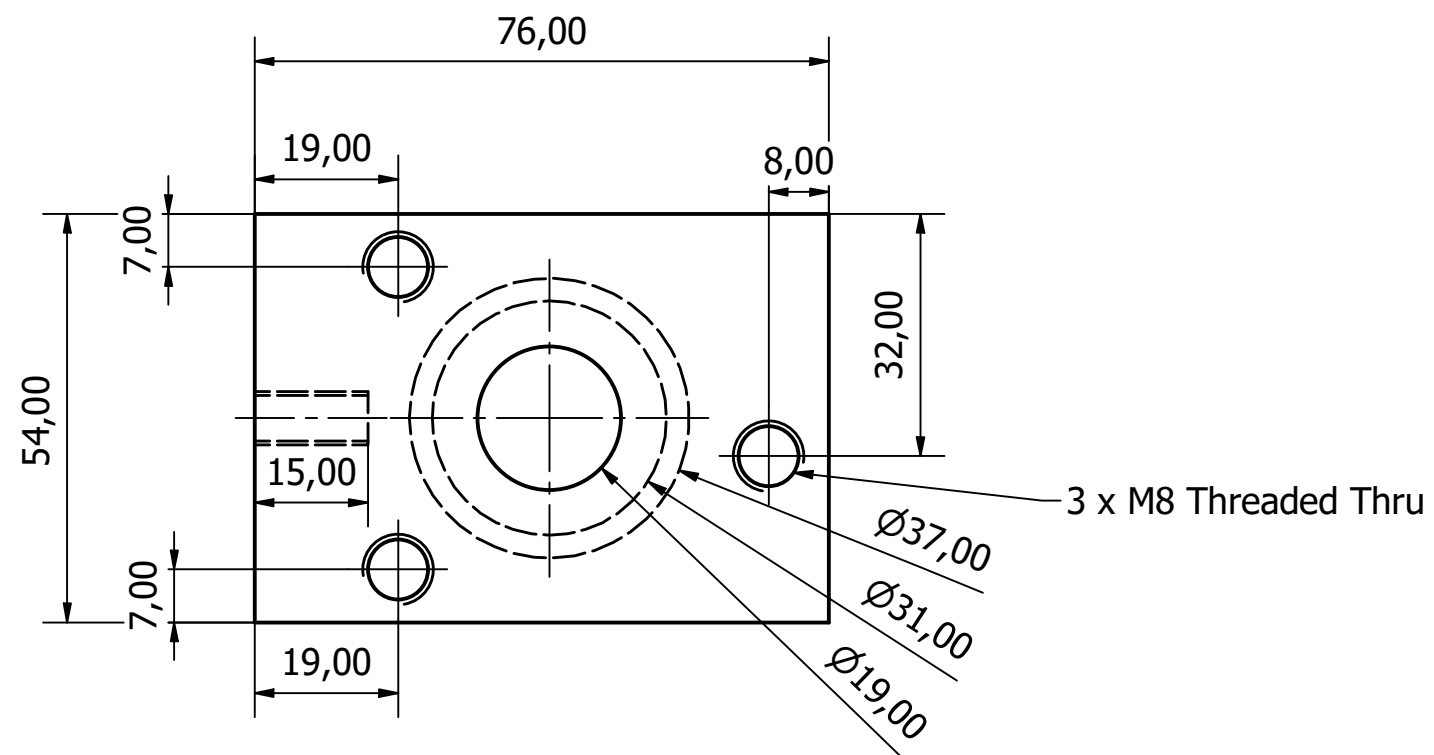


Top View

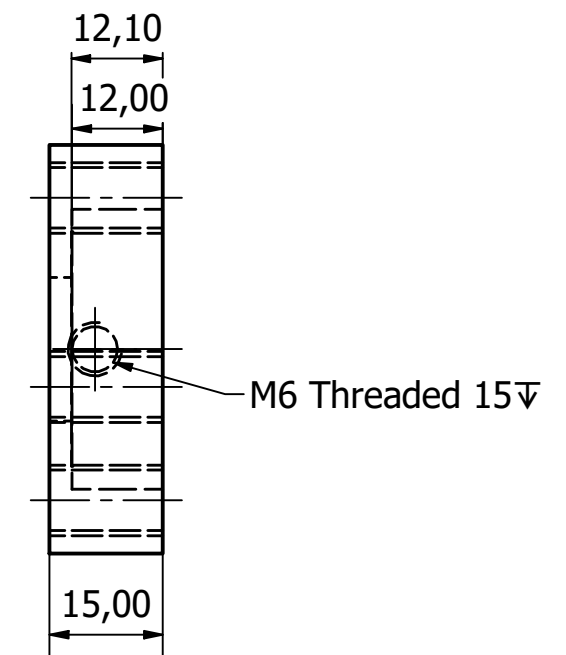


Isometric View

1 x Required

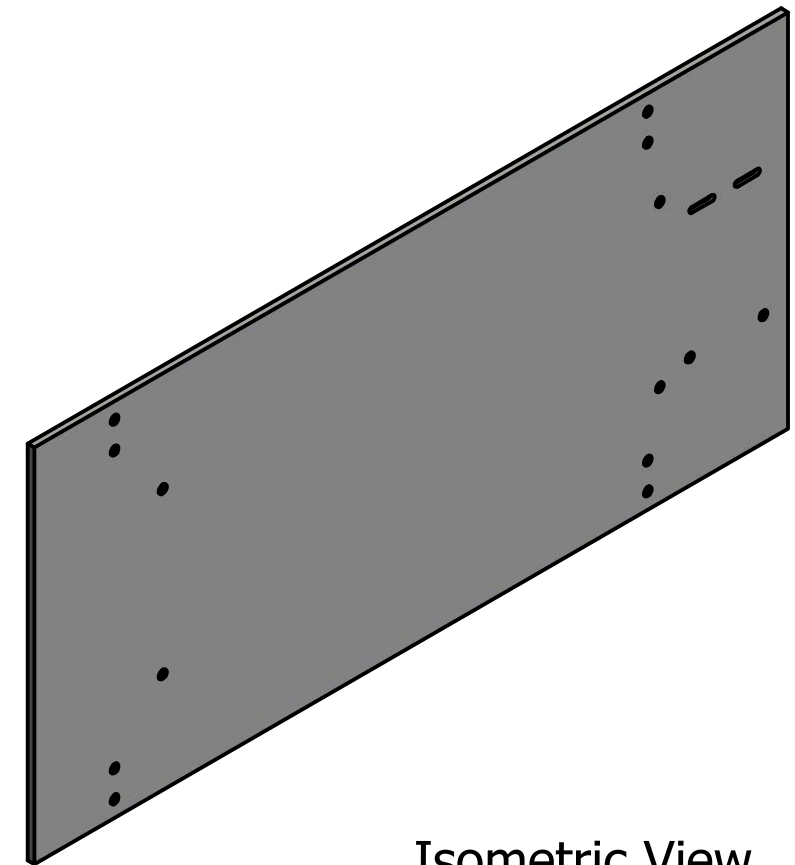
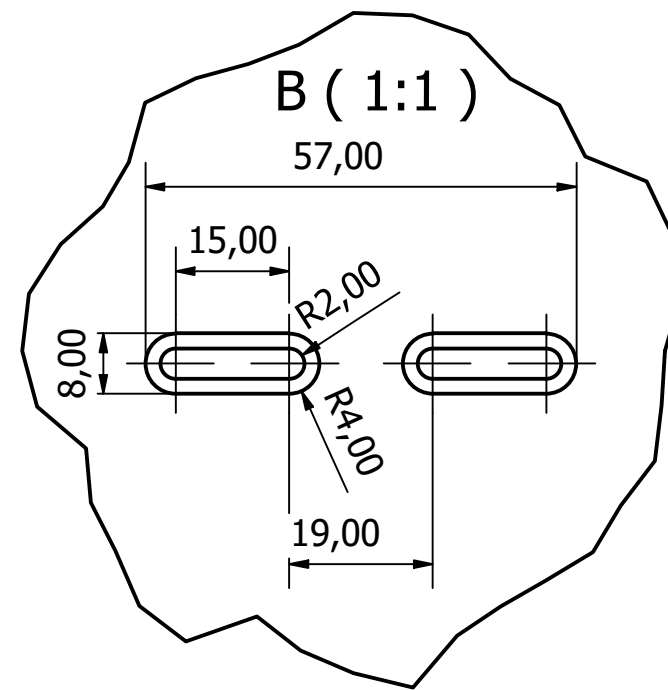
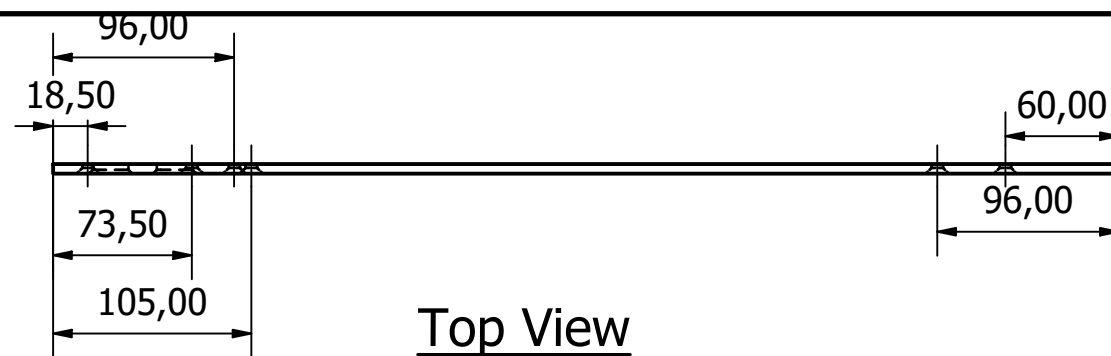


Front View



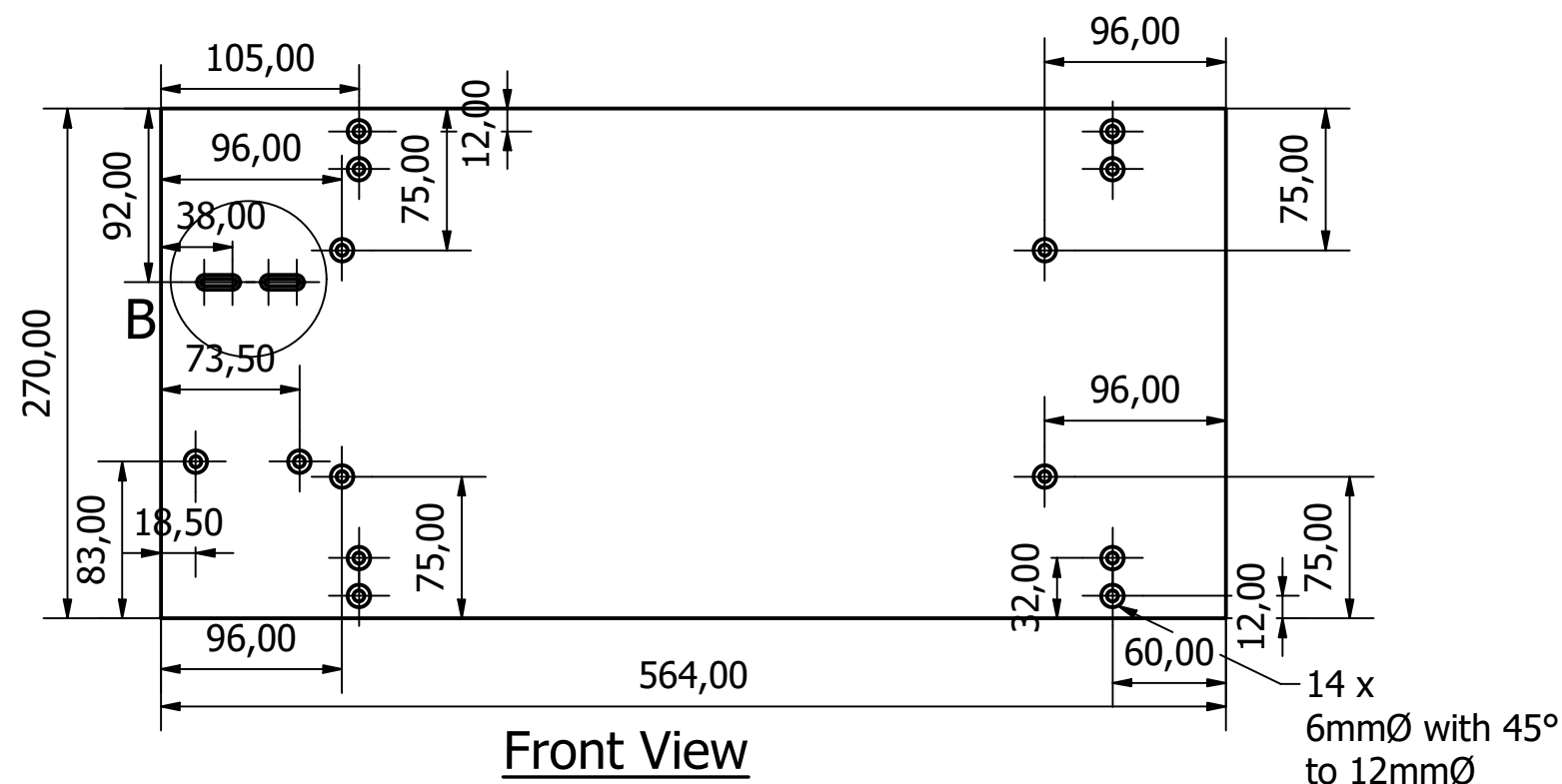
Right Side View

SCALE: 1:1	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: Bearing Holder 4	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 16	DRAWING NO: MST016

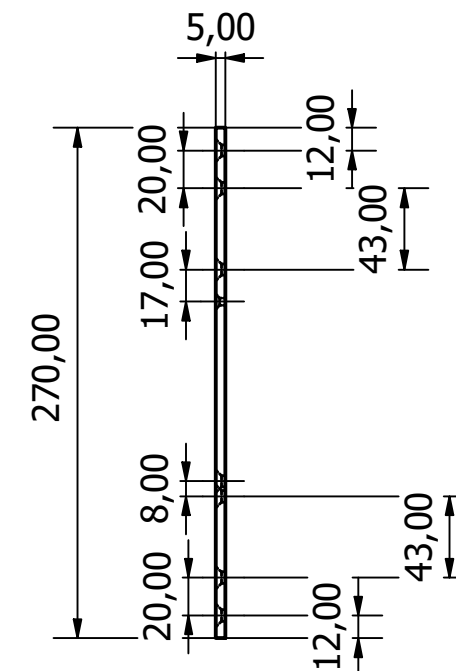


Isometric View

1 x Required

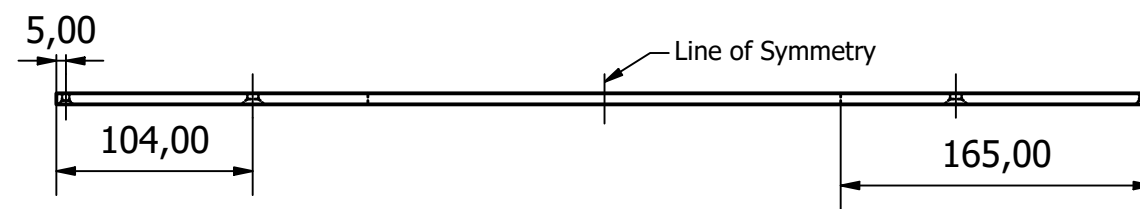


14 x
6mmØ with 45°
to 12mmØ

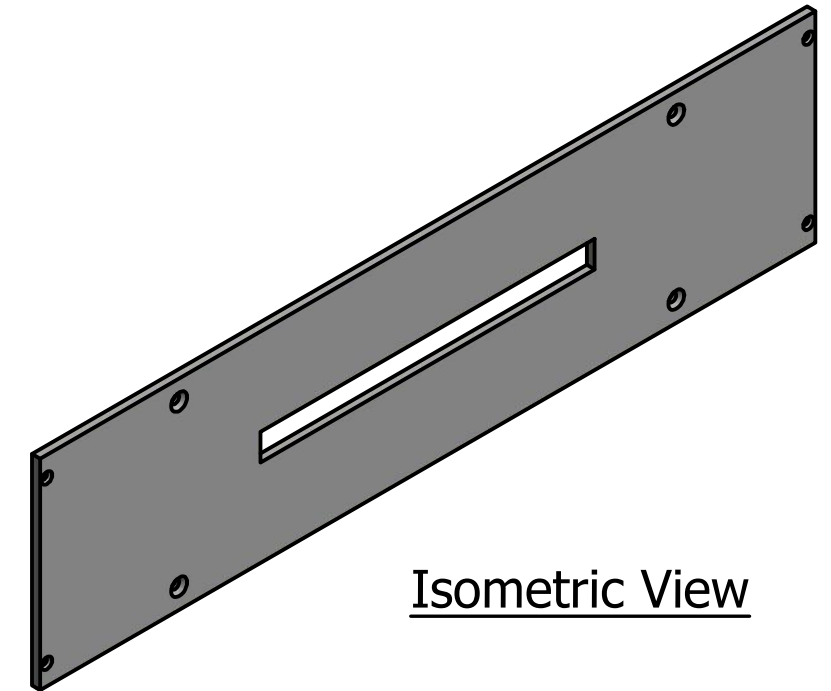


Right Side View

SCALE: 1 : 4	UNITS: mm	DATE: 18/02/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: Base Plate	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 17	DRAWING NO: MST017

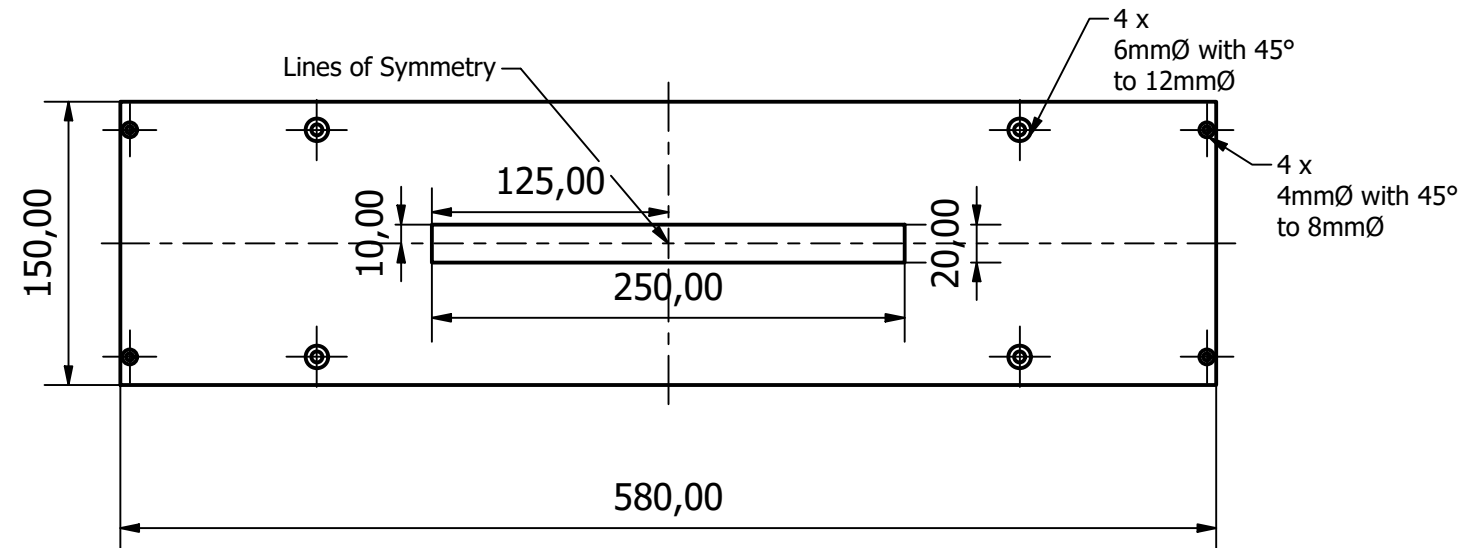


Top View

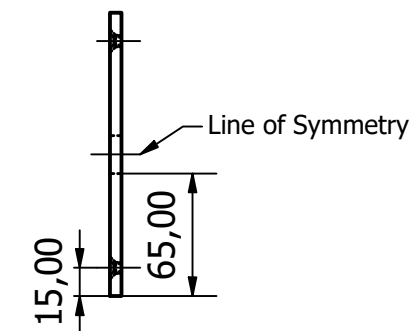


Isometric View

1 x Required

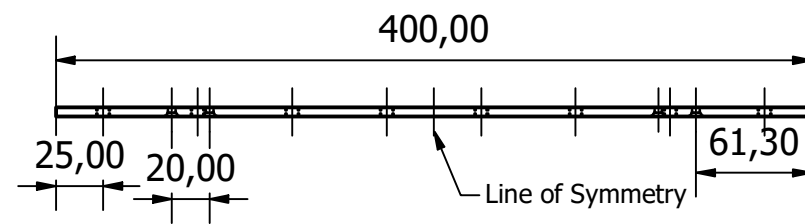


Front View

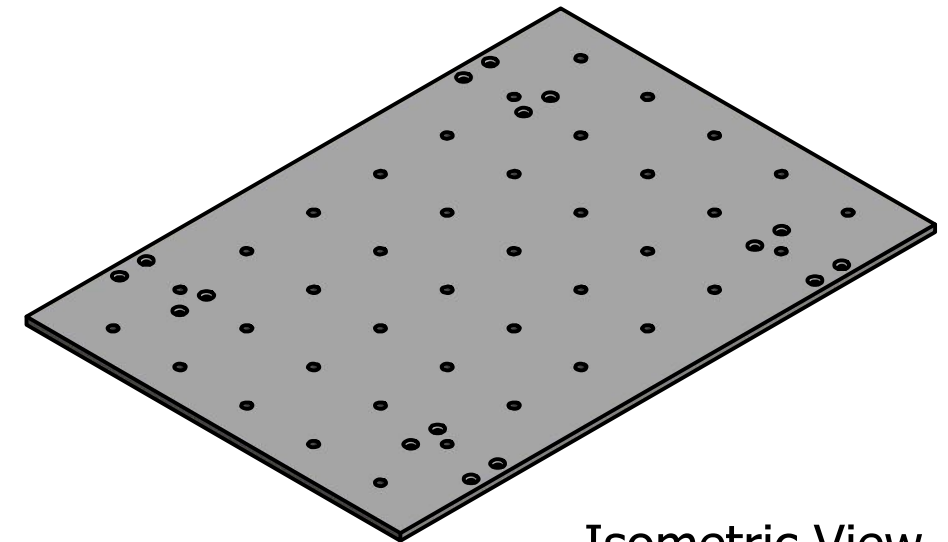


Right Side View

SCALE: 1 : 4	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: Top Plate		DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 18	DRAWING NO: MST018	

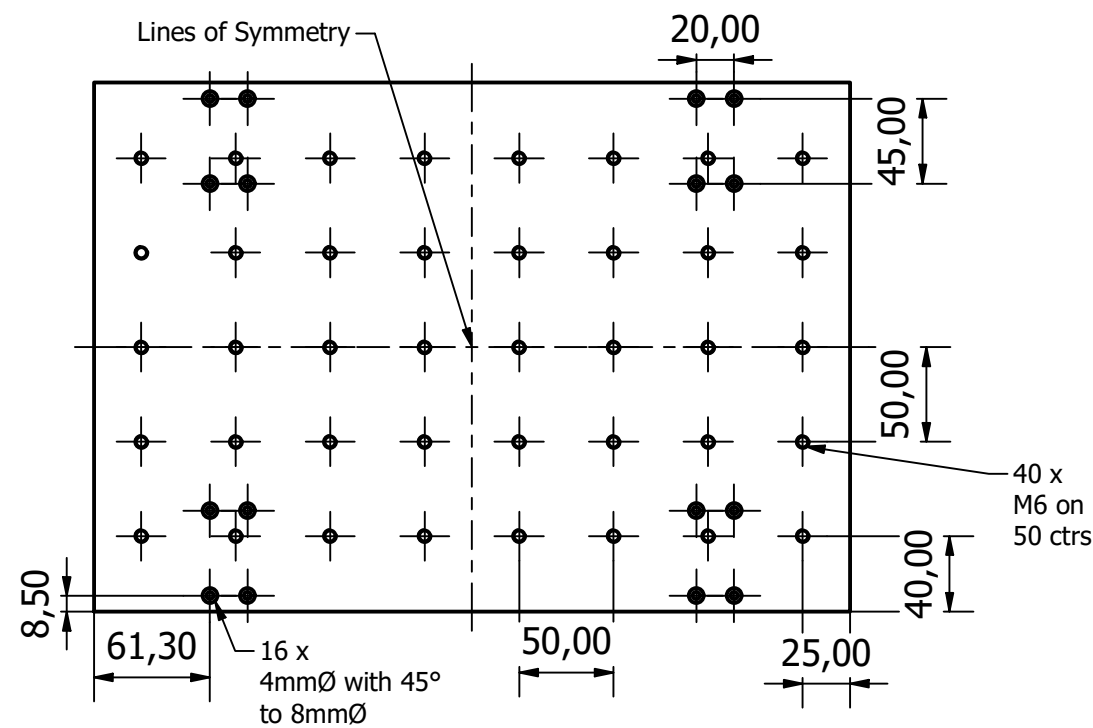


Top View

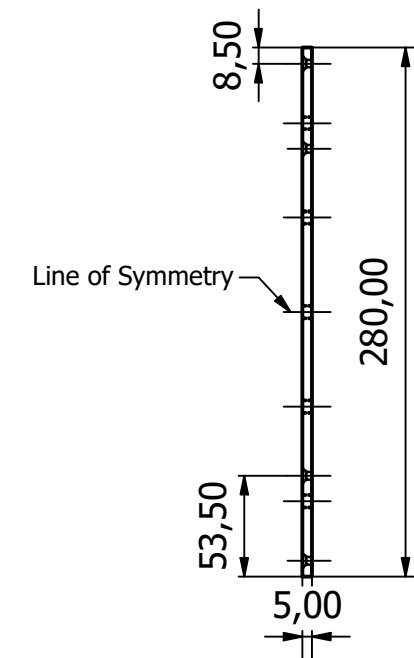


Isometric View

1 x Required

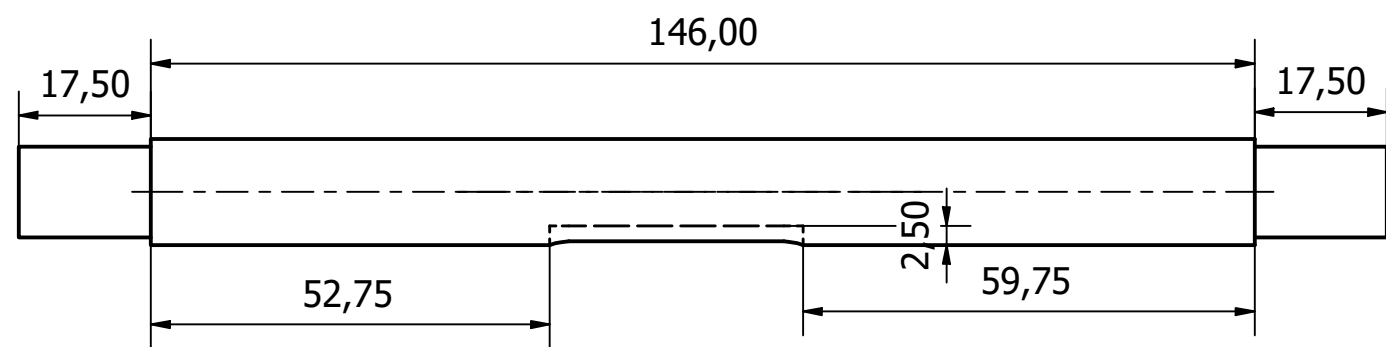


Front View

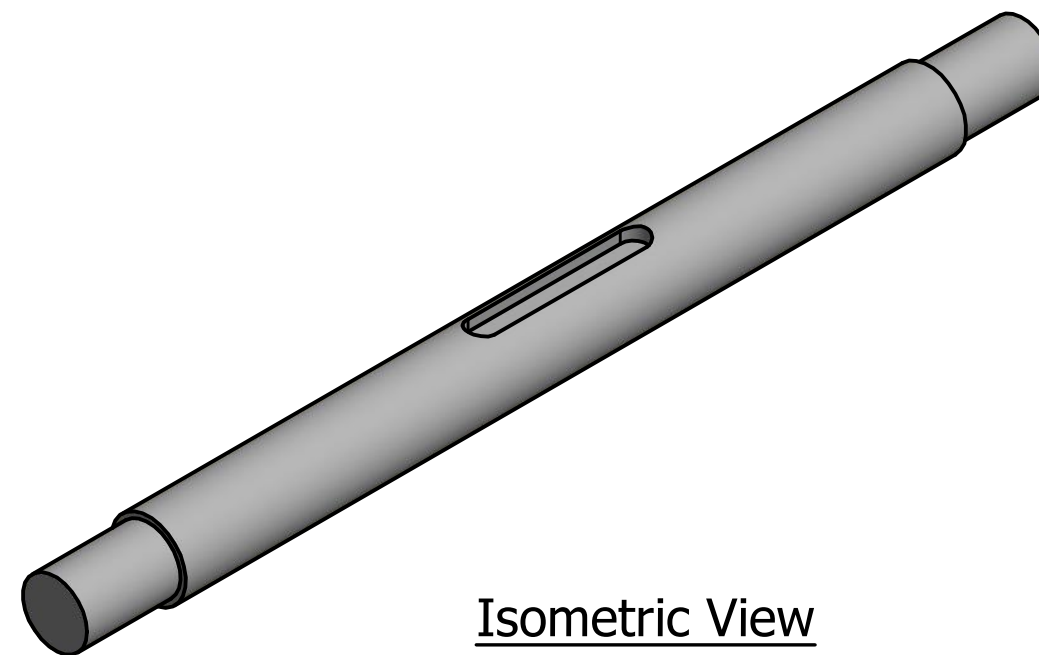


Right Side View

SCALE: 1 : 4	UNITS: mm	DATE: 23/09/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: Shake Table Plate	DRAWN BY: AMK	REV: 1
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 19	DRAWING NO: MST019

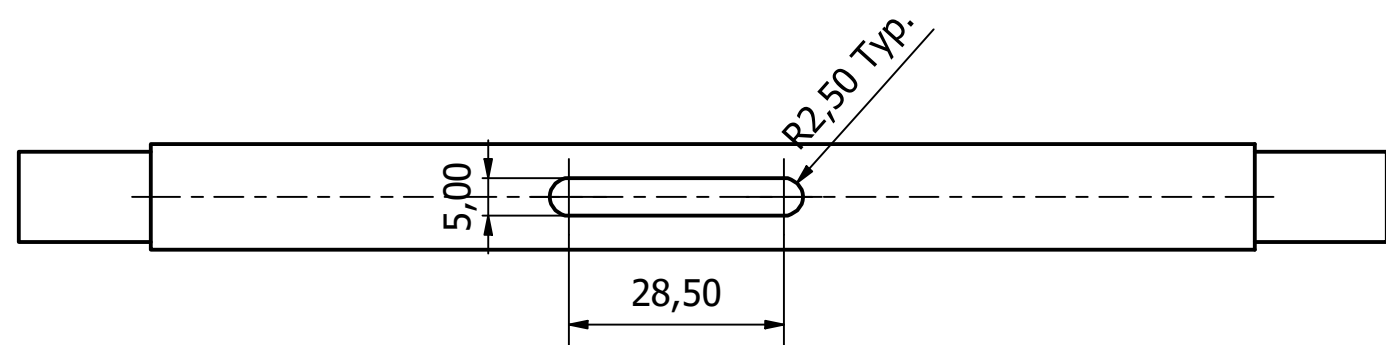


Top View

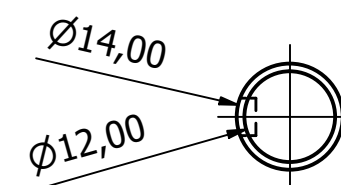


Isometric View

1 x Required

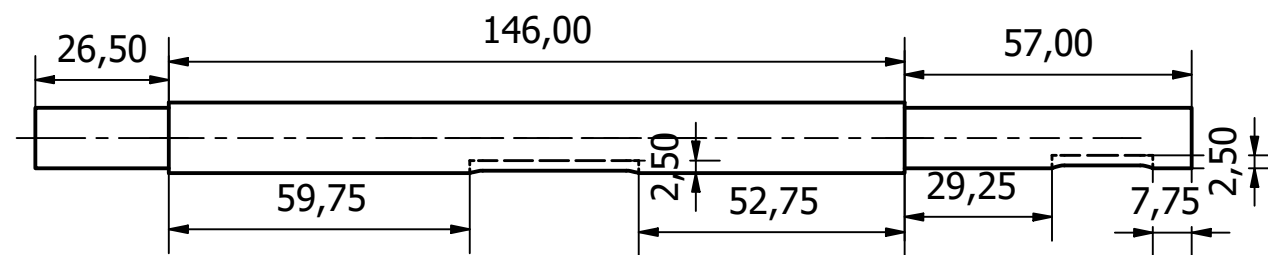


Front View

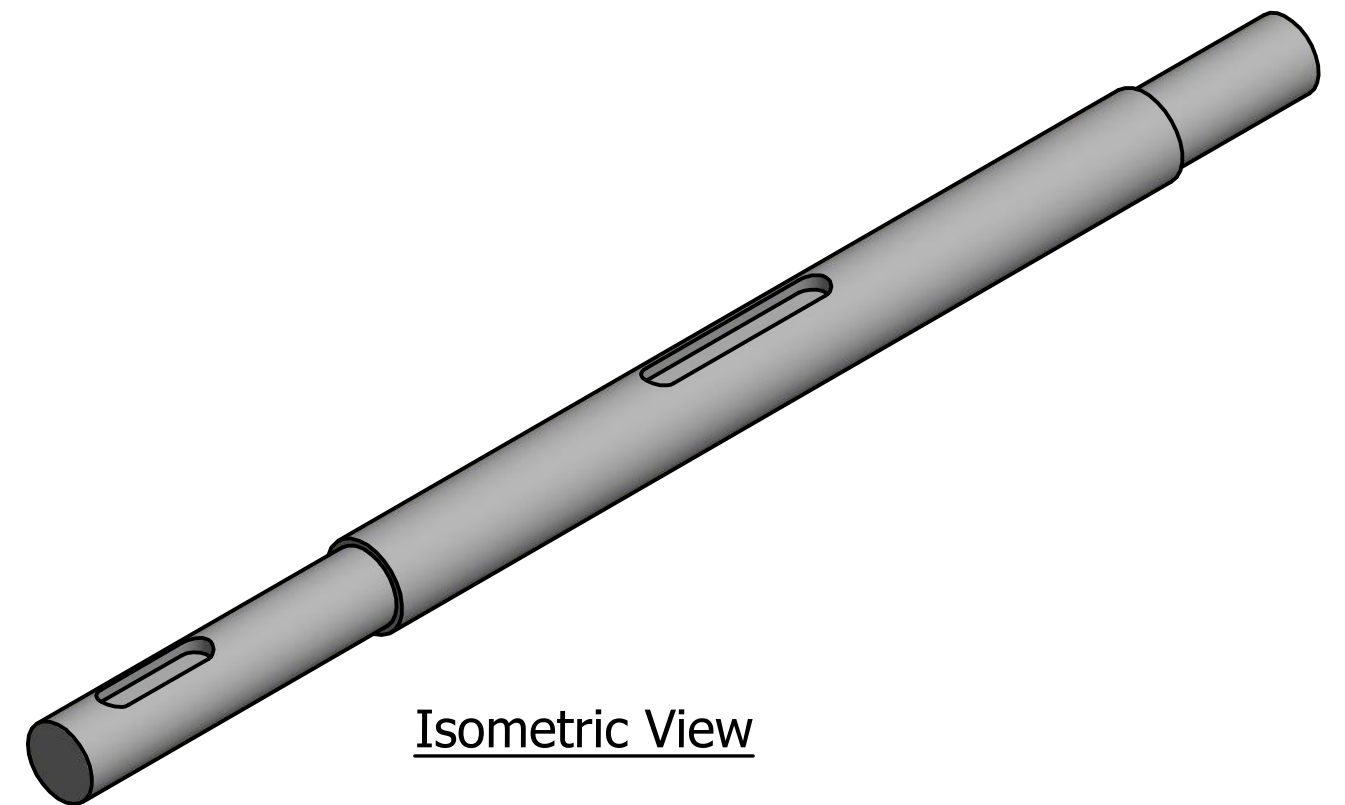


Right Side View

<u>SCALE:</u> 1:1	<u>UNITS:</u> mm	<u>DATE:</u> 18/02/2019	<u>APPROVED BY:</u>		<u>EQUIPMENT:</u> Rod 1	<u>DRAWN BY:</u> AMK	<u>REV:</u>
<u>SHEET SIZE:</u> A3	Material: Steel				<u>SHEET TITLE:</u> Orthographic Views	<u>SHEET NO:</u> 20	<u>DRAWING NO:</u> MST020

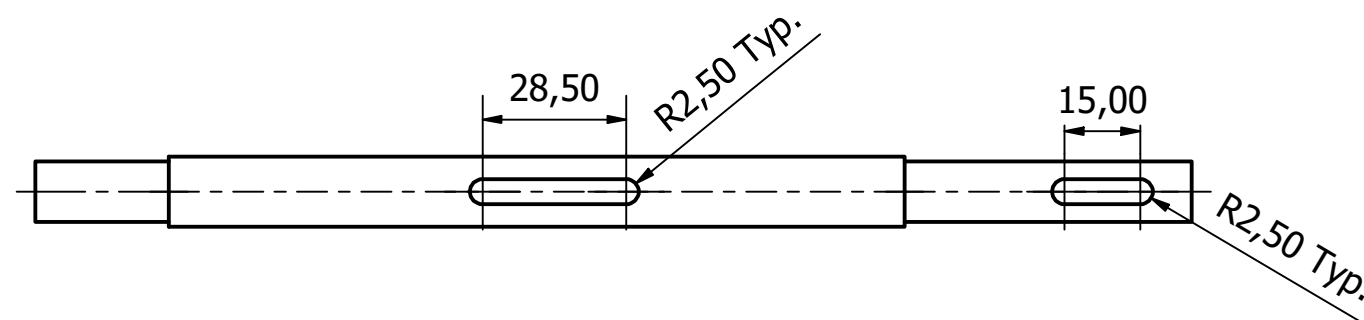


Top View

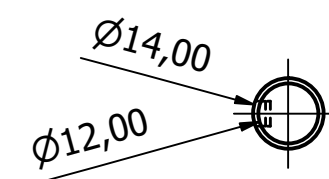


Isometric View

1 x Required

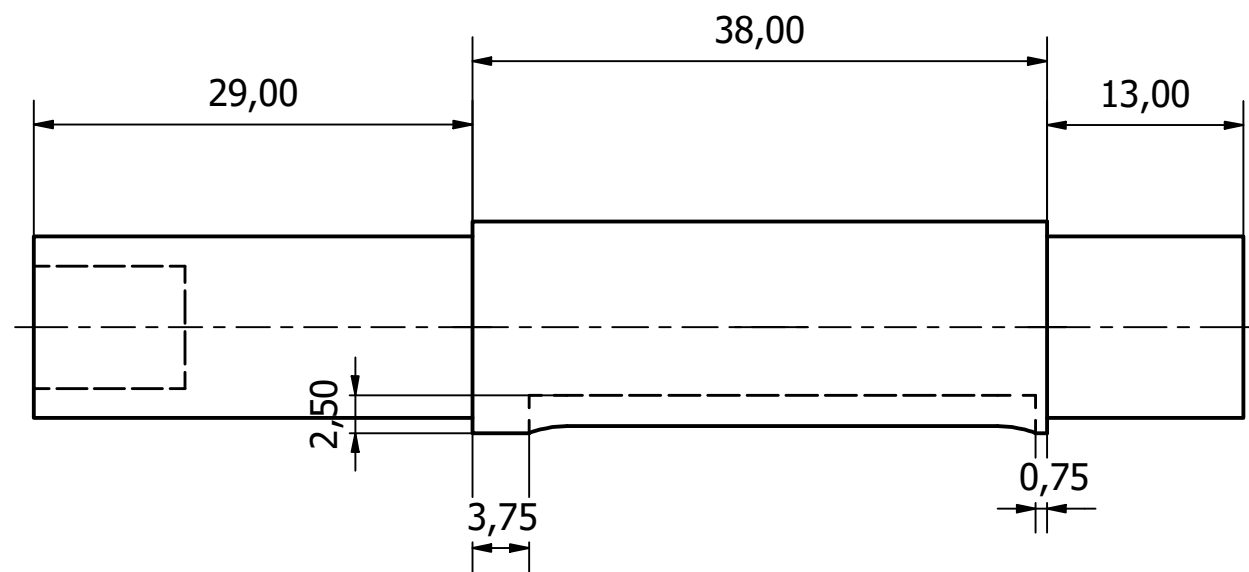


Front View

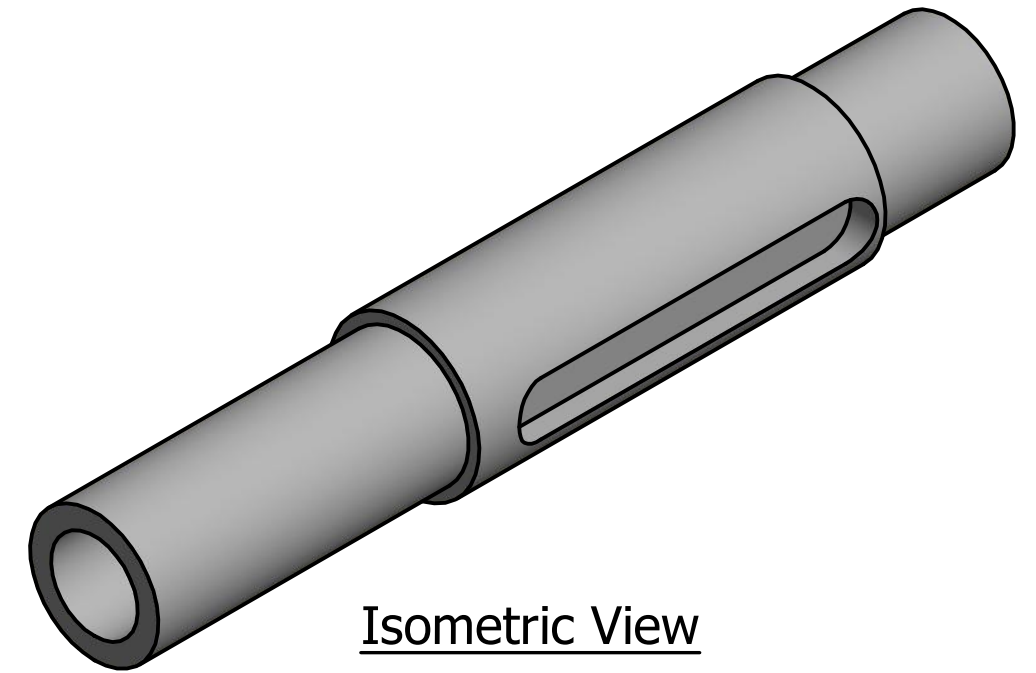


Right Side View

SCALE: 1:1.5	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: Rod 2	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Steel				SHEET TITLE: Orthographic views	SHEET NO: 21	DRAWING NO: MST021

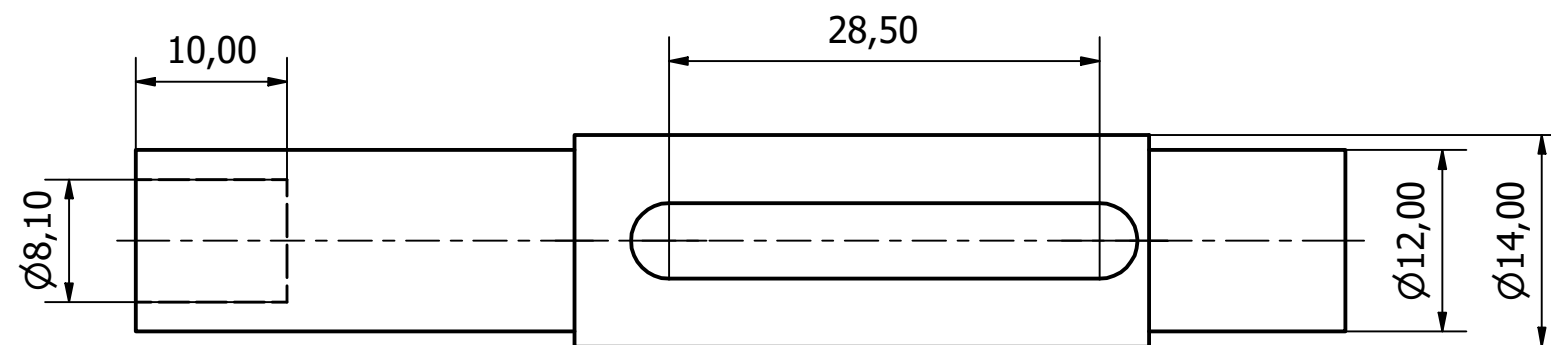


Top View

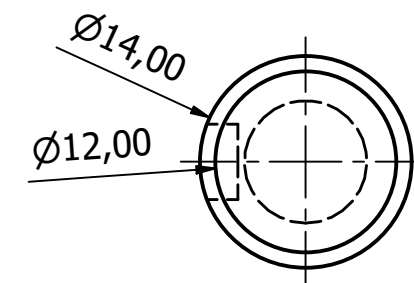


Isometric View

1 x Required

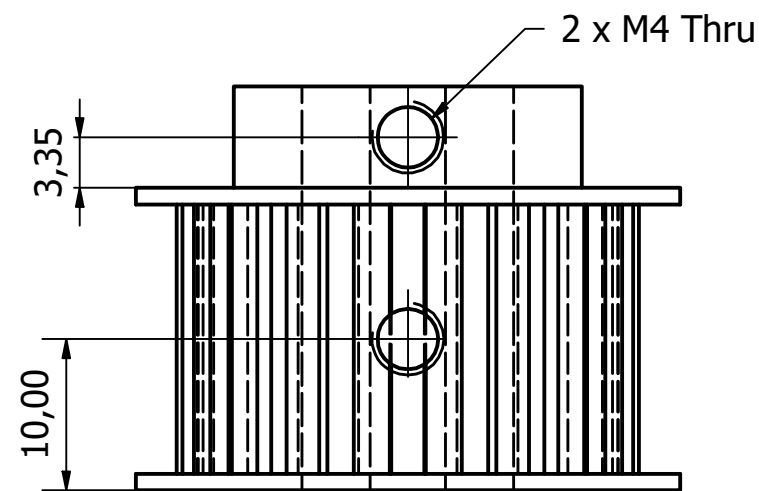


Front View

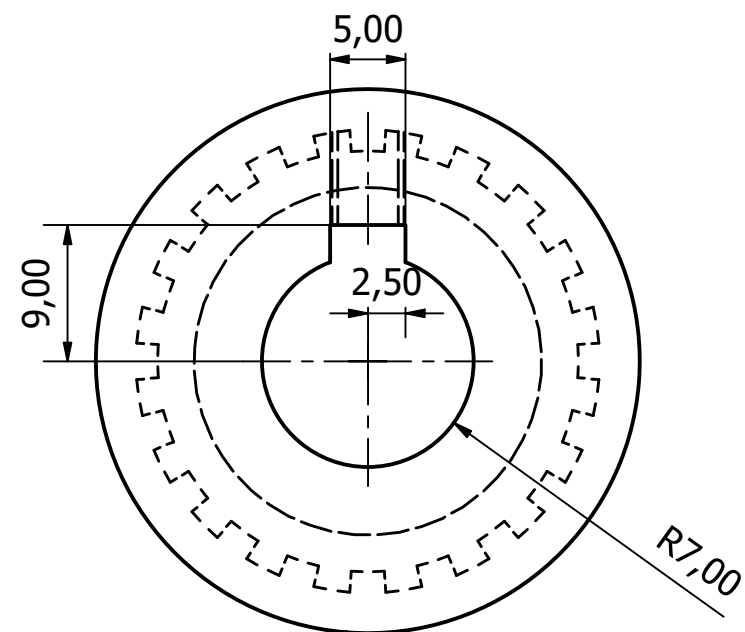


Right Side View

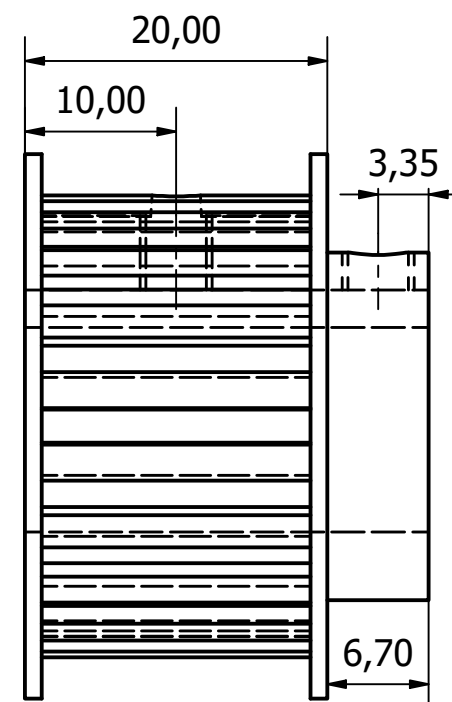
SCALE: 2:1	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: Rod 3		DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Steel				SHEET TITLE: Orthographic Views	SHEET NO: 22	DRAWING NO: MST022	



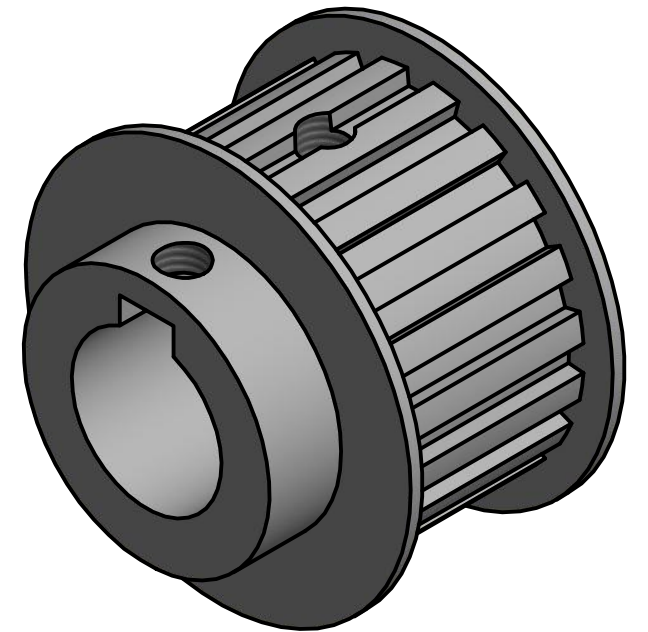
Top View



Front View



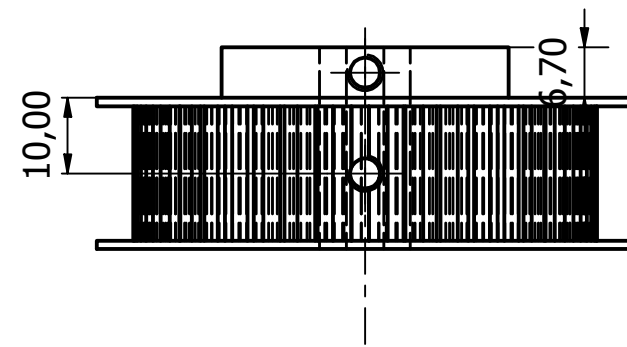
Right Side View



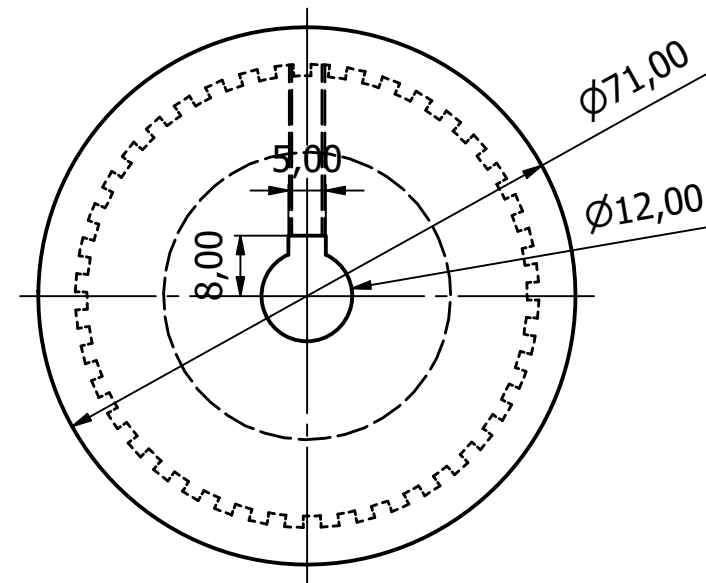
Isometric View

3 x Required
(Base Gear Provided)

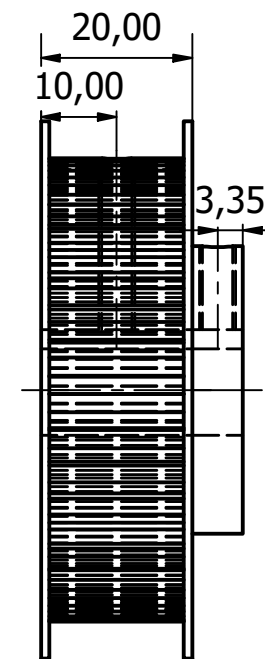
SCALE: 2:1	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: 30mm Gear	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Steel				SHEET TITLE: Orthographic Views	SHEET NO: 23	DRAWING NO: MST023



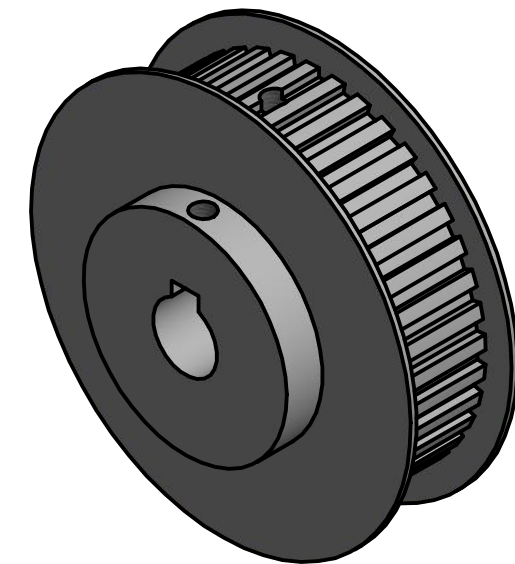
Top View



Front View



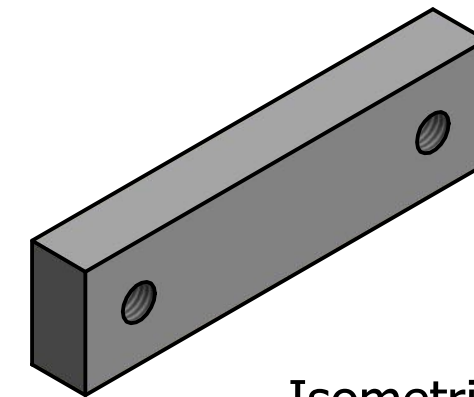
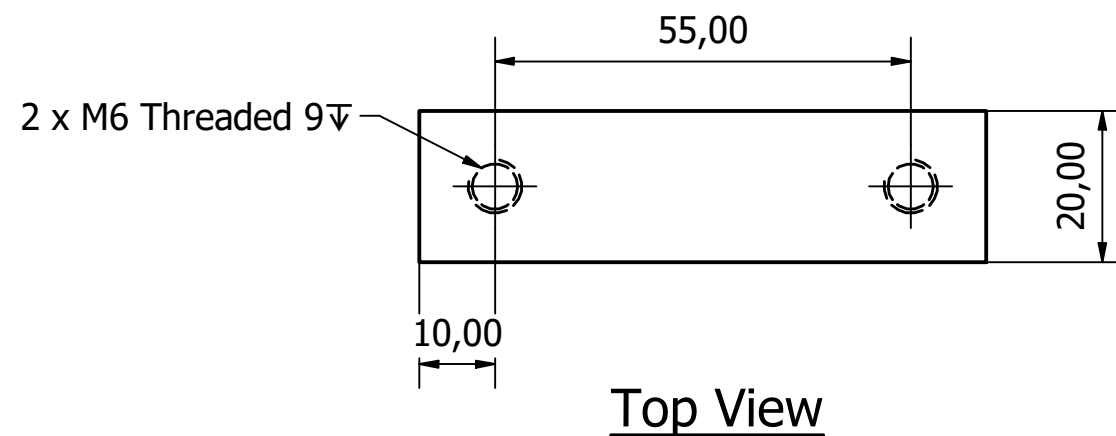
Right Side View



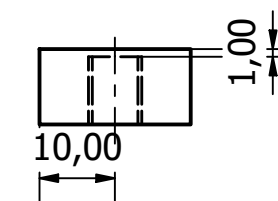
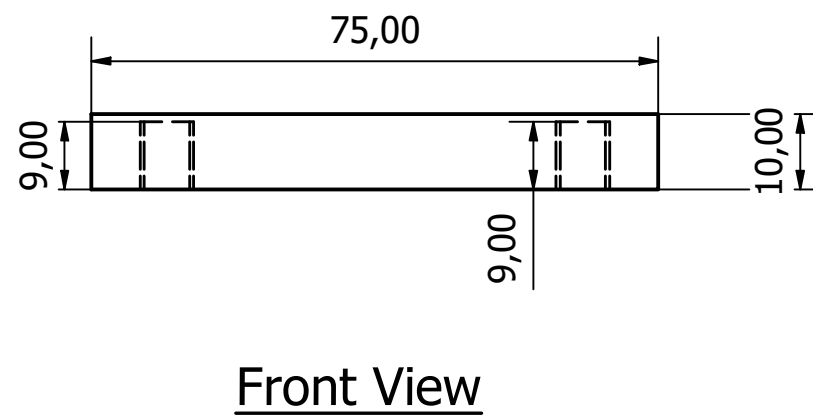
Isometric View

1 x Required
(Base Gear Provided)

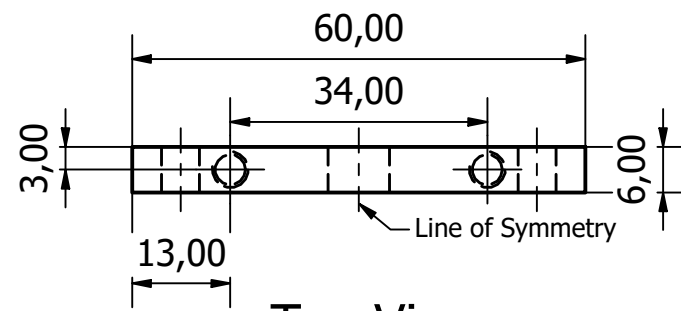
SCALE: 1 : 1	UNITS: mm	DATE: 18/02/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: 60mm gear	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Steel				SHEET TITLE: Orthographic Views	SHEET NO: 24	DRAWING NO: MST024



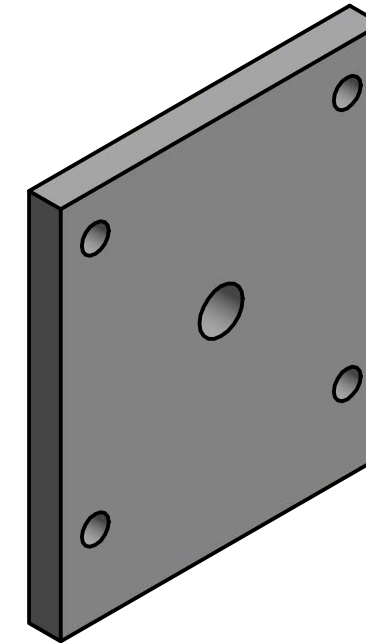
1 x Required



SCALE: 1 : 1	UNITS: mm	DATE: 18/02/2019	APPROVED BY: 		EQUIPMENT: Stepper Holding Block	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 25	DRAWING NO: MST025

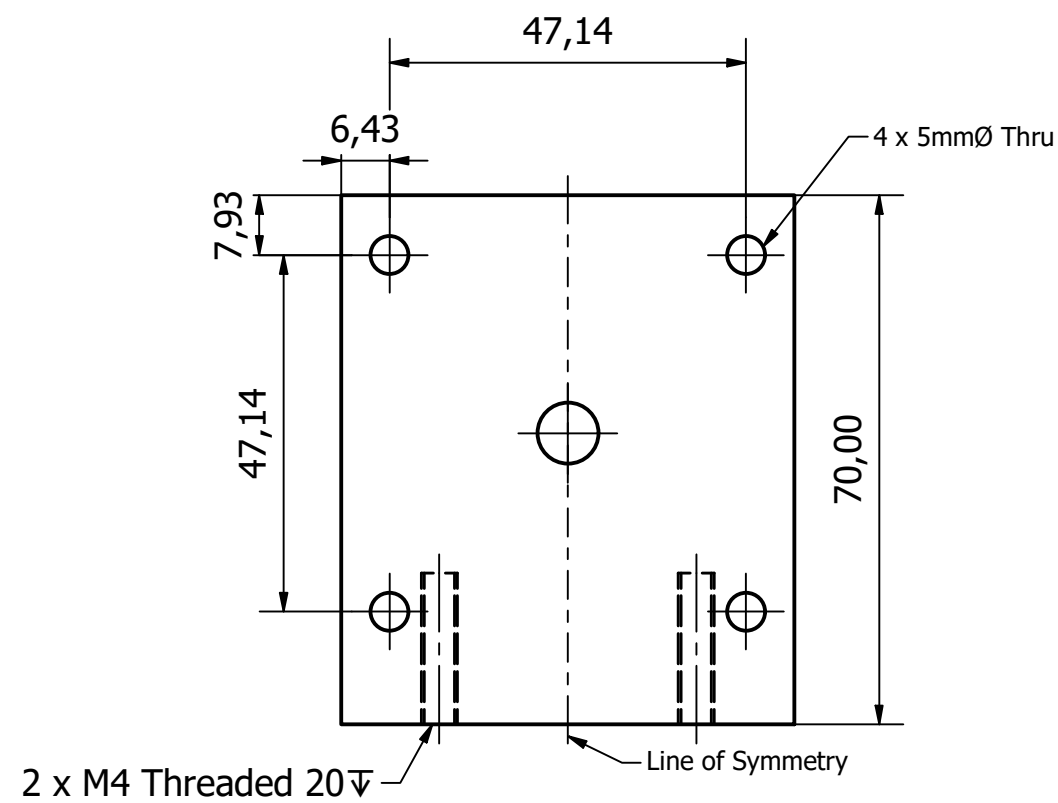


Top View

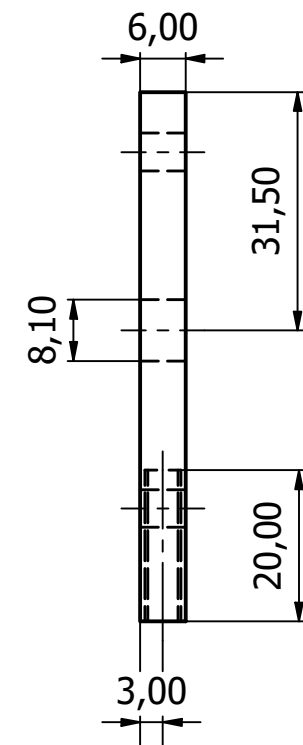


Isometric View

1 x Required

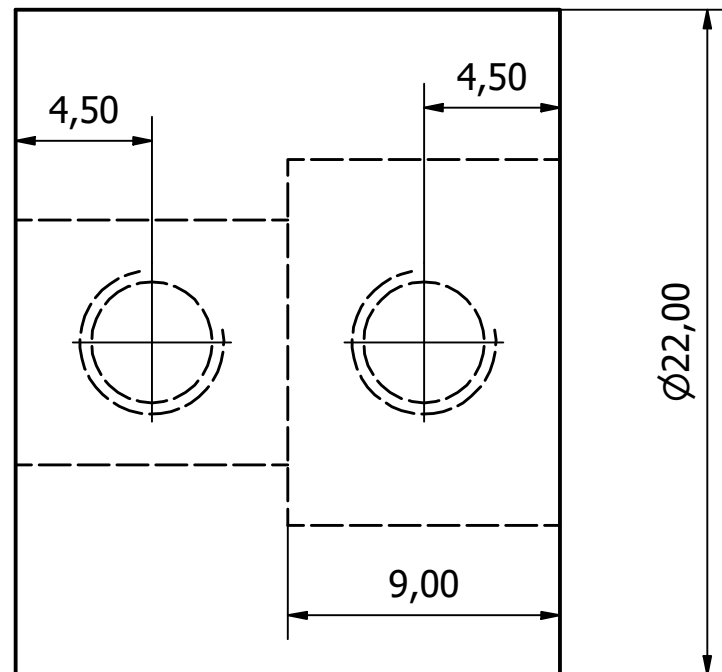


Front View

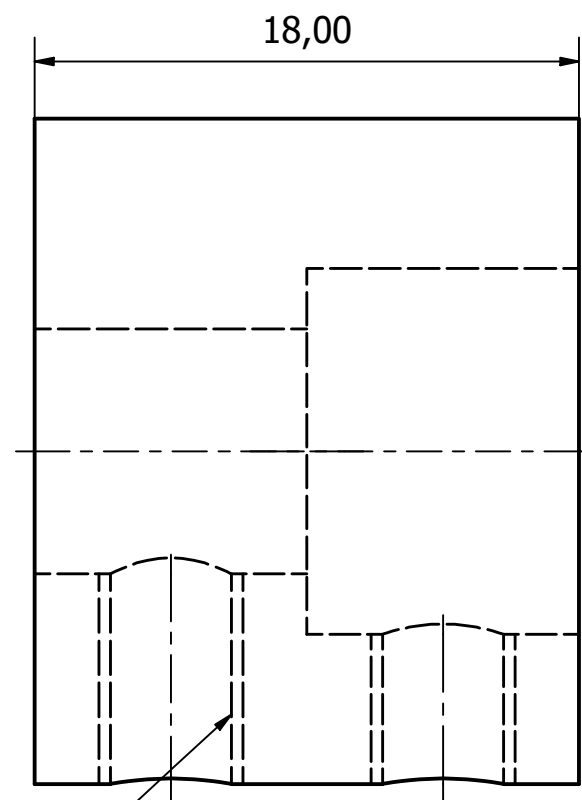


Right Side View

SCALE: 1 : 1	UNITS: mm	DATE: 23/09/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: Stepper Face Plate	DRAWN BY: AMK	REV: 1
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 26	DRAWING NO: MST026

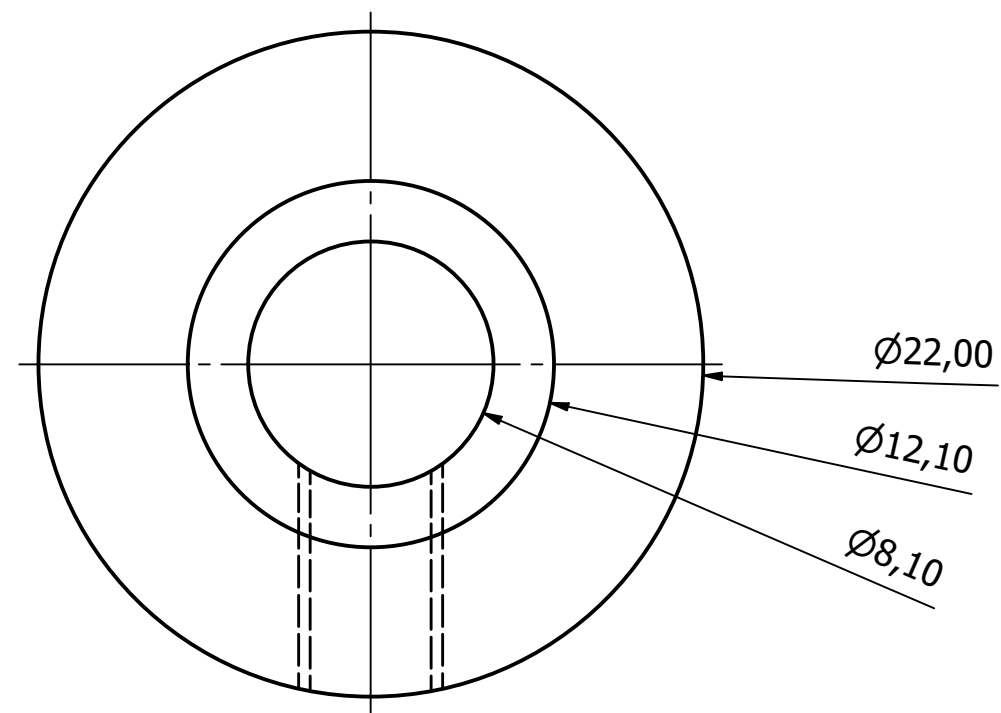


Top View

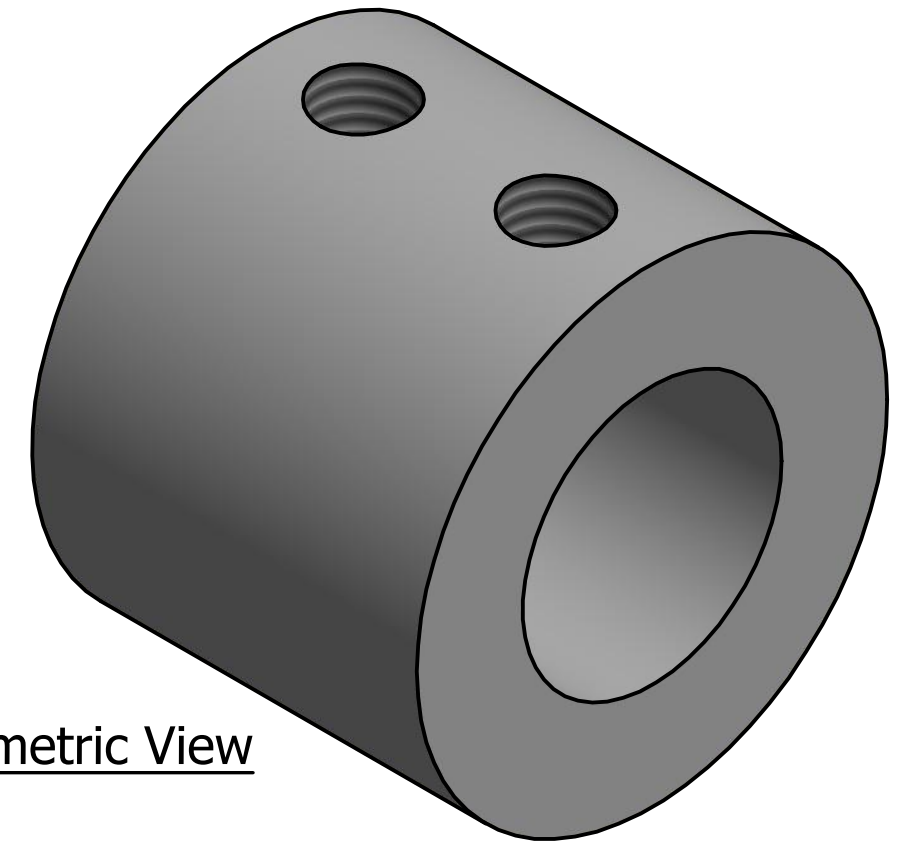


2 x M4 Threaded Thru

Front View



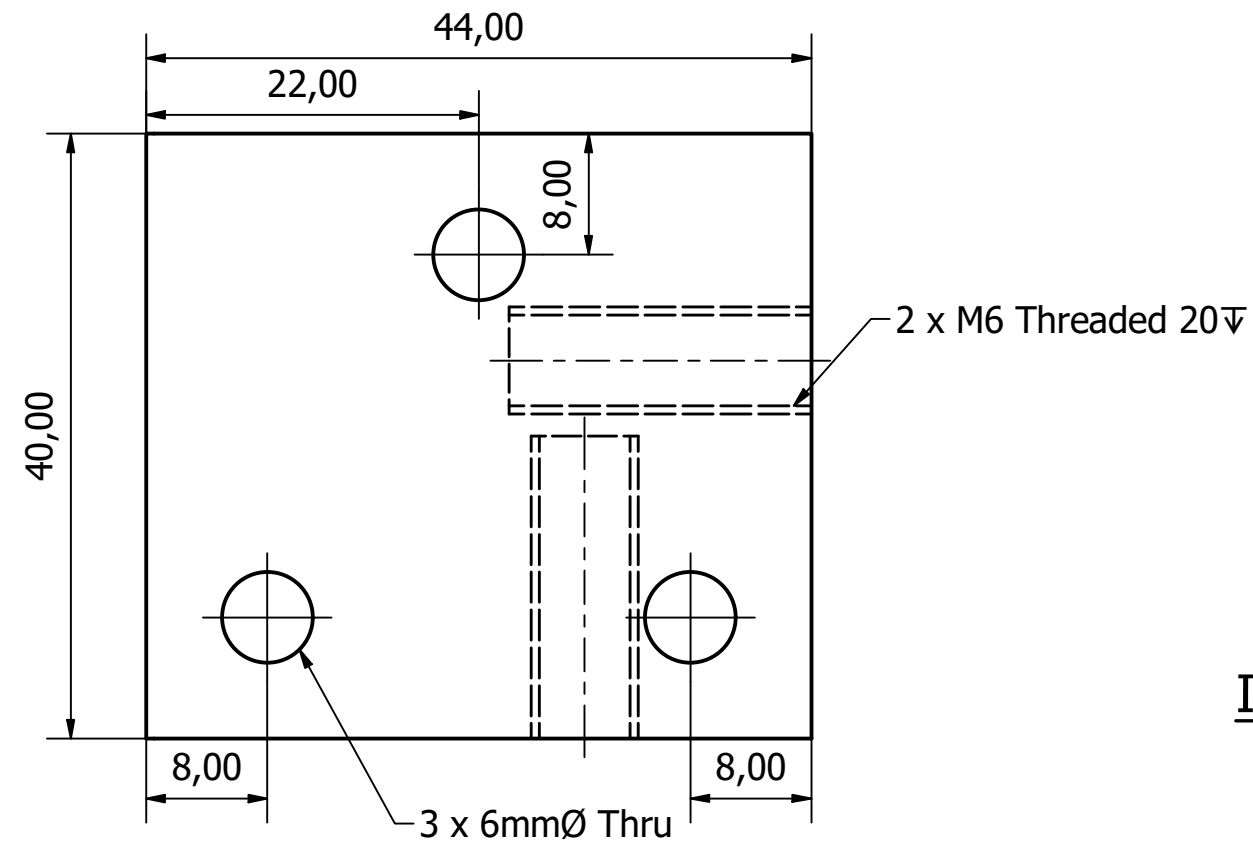
Right Side View



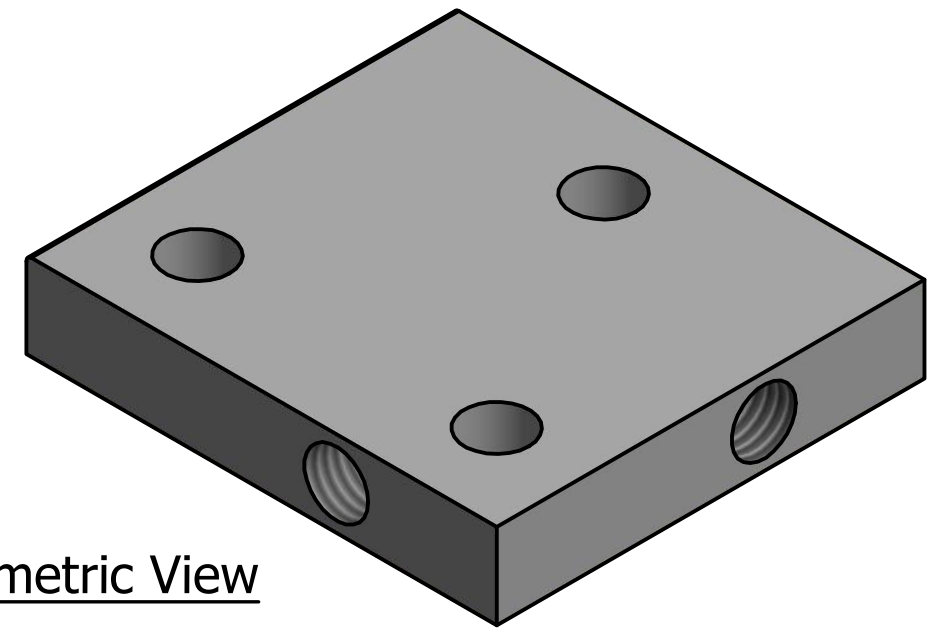
Isometric View

1 x Required

SCALE:	UNITS:	DATE:	APPROVED BY:		EQUIPMENT:	DRAWN BY:	REV:
4 : 1	mm	18/02/2019			Coupler	AMK	
SHEET SIZE:	Material: Aluminium To be Anodized at a later date				SHEET TITLE:	SHEET NO:	DRAWING NO:
A3					Orthographic Views	27	MST027

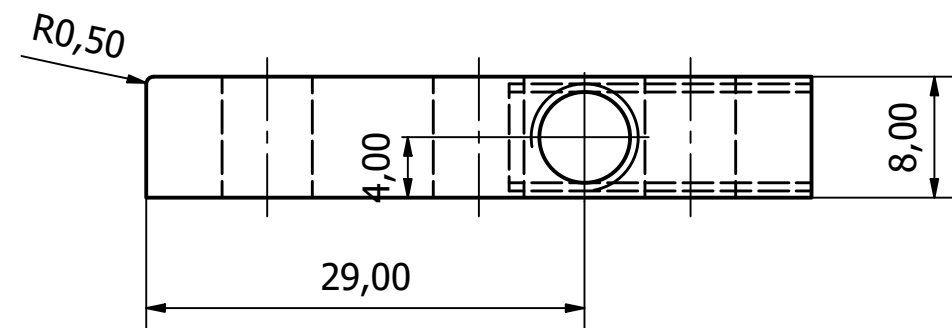


Top View

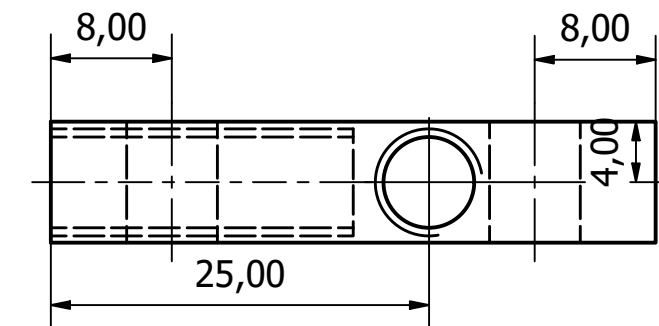


Isometric View

2 x Required

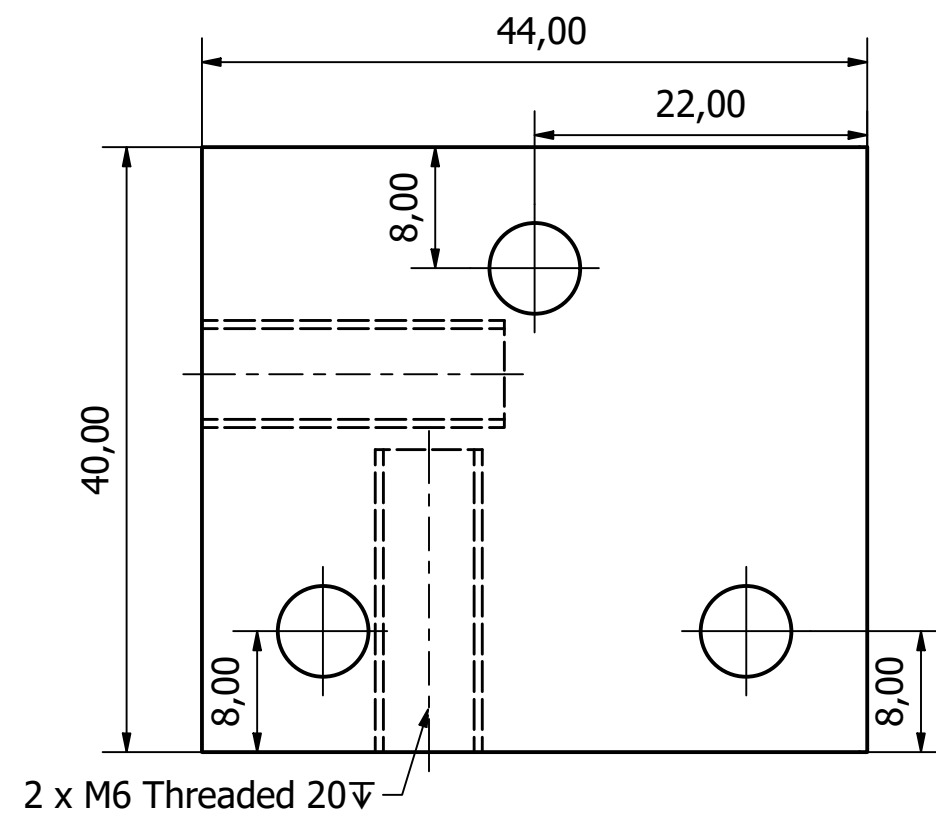


Front View

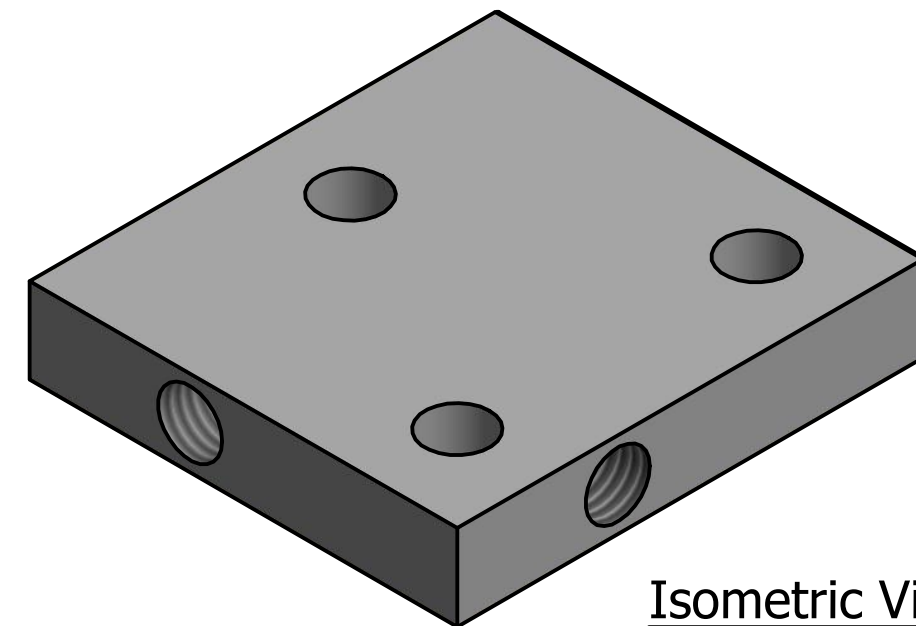


Right Side View

SCALE: 2:1	UNITS: mm	DATE: 18/02/2019	APPROVED BY:		EQUIPMENT: C Section Corner Block	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 28	DRAWING NO: MST028

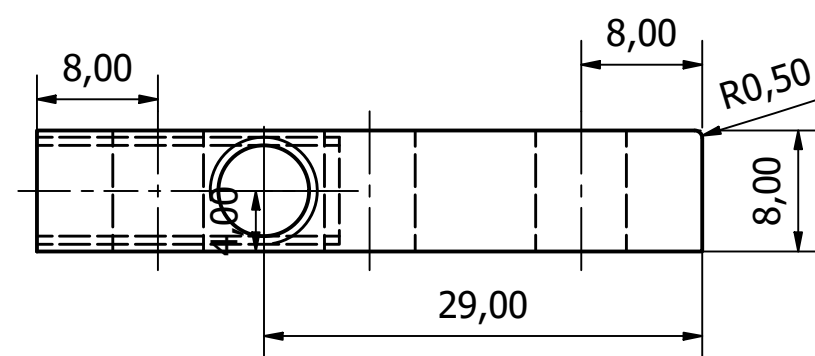


Top View

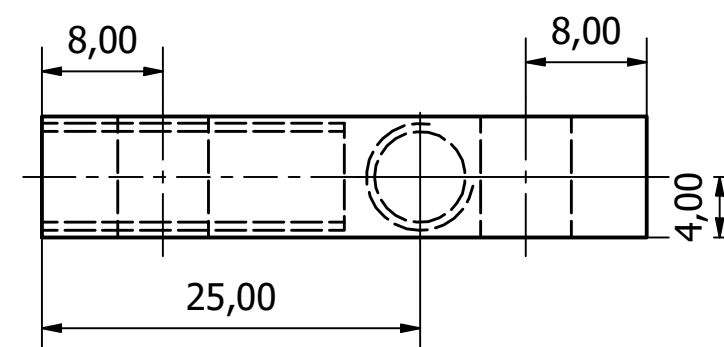


Isometric View

2 x Required


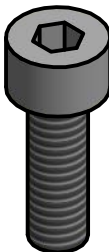
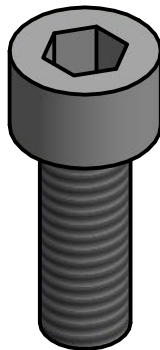
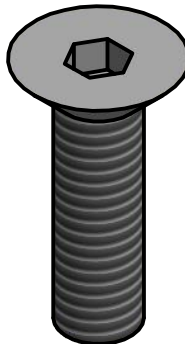
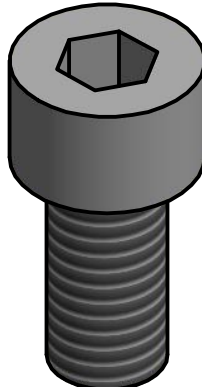
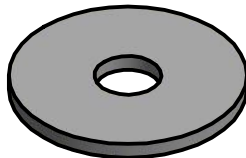
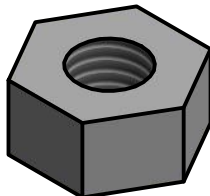
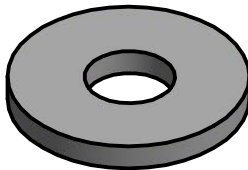
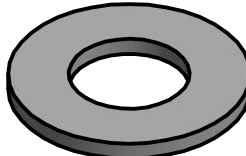




Front View



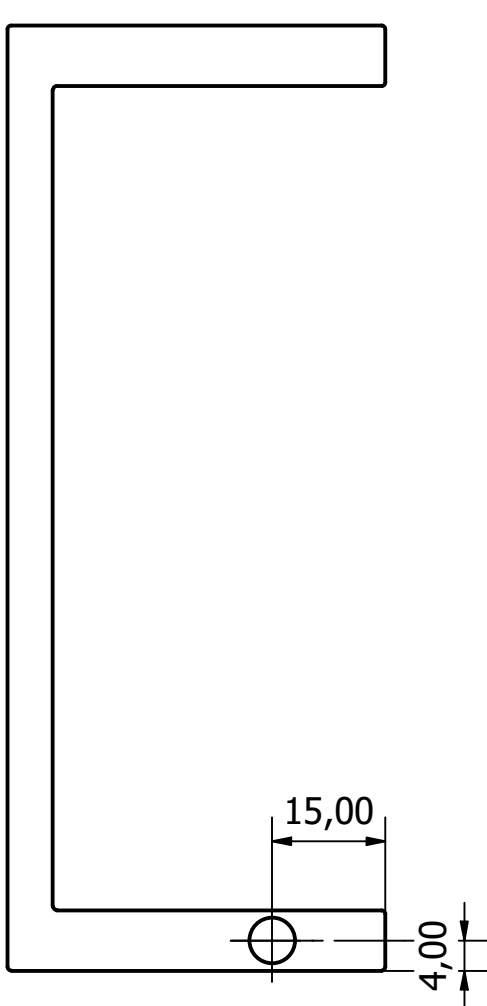
Right Side View

SCALE: 2:1	UNITS: mm	DATE: 18/02/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: C Section Corner Block 2	DRAWN BY: AMK	REV:
SHEET SIZE: A3	Material: Aluminium To be Anodized at a later date				SHEET TITLE: Orthographic Views	SHEET NO: 29	DRAWING NO: MST029

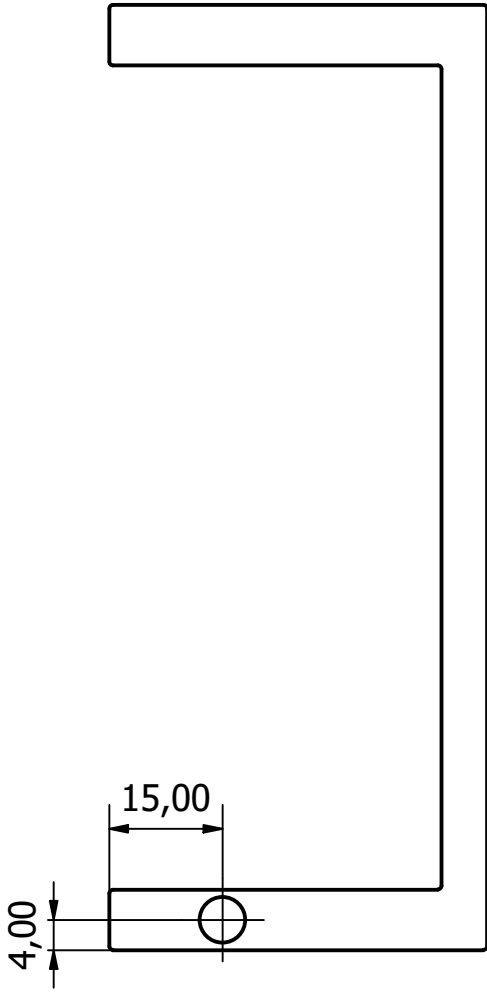
<div>M4 Countersink</div> <div></div> <div>20 Required (4 x 20mm long Thread) (16 x 10mm Long Thread)</div>	<div>M4 Capscrew</div> <div></div> <div>60 Required (60 x 12mm Long Thread)</div>	<div>M6 Capscrew</div> <div></div> <div>36 Required (12 x 16mm Long Thread) (24 x 20mm long Thread)</div>	<div>M6 Countersink</div> <div></div> <div>42 Required (42 x 20mm Long Thread)</div>	<div>M8 Capscrew</div> <div></div> <div>3 Required (3 x 20mm Thread Length)</div>
<div>M4 Washer</div> <div></div> <div>4 Required (16mm OD, 1.20mm Deep)</div>	<div>M6 Nut</div> <div></div> <div>8 Required (6mm Deep)</div>	<div>M6 Washer</div> <div></div> <div>24 Required (16mm OD, 1.8mm Thick)</div>	<div>M8 Washer</div> <div></div> <div>3 Required (16mm OD, 1.2mm Deep)</div>	<div>M4 GrubScrew</div> <div></div> <div>8 Required (2 x 16mm Total Length) (6 x 4.5mm Total Length)</div>

SCALE: 2:1	UNITS: mm	DATE: 18/02/2019	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT: Other Hardware	DRAWN BY: AMK	REV:
SHEET SIZE: A3					SHEET TITLE: Isometric Views	SHEET NO: 30	DRAWING NO: MST030

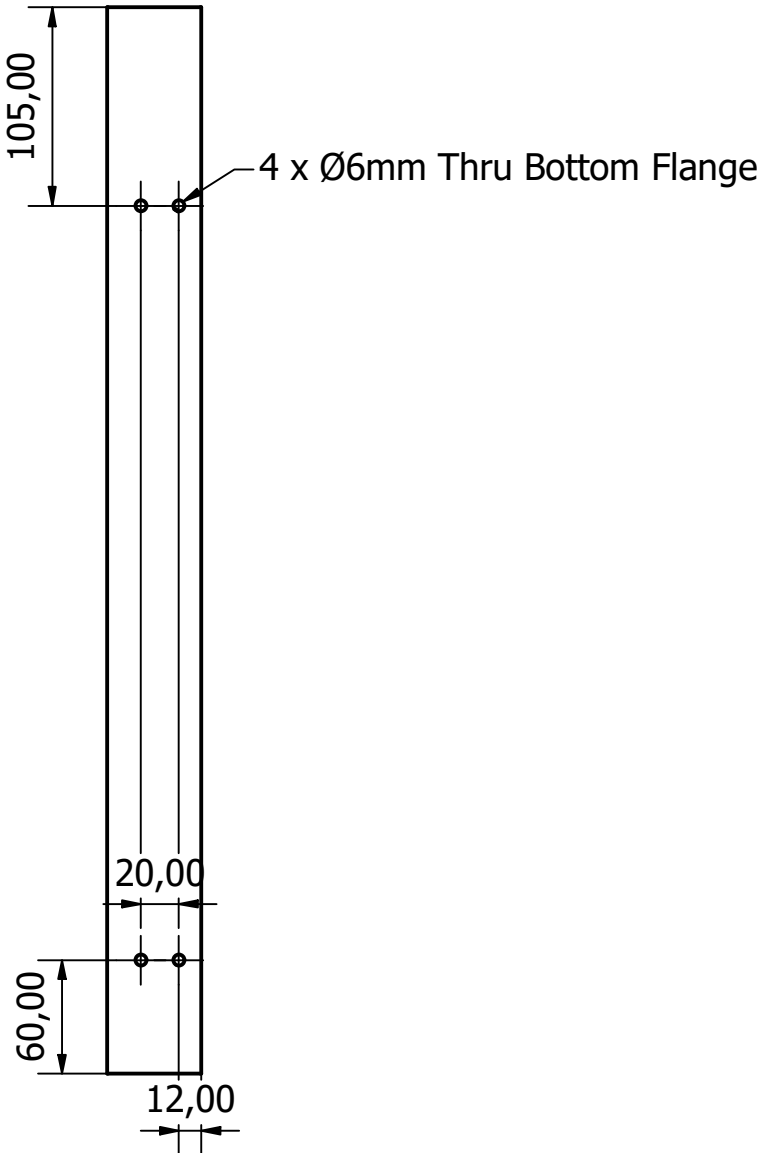
Additional Views of C - Section Component



C - Section Left End View 1:1
No Hidden Detail Shown



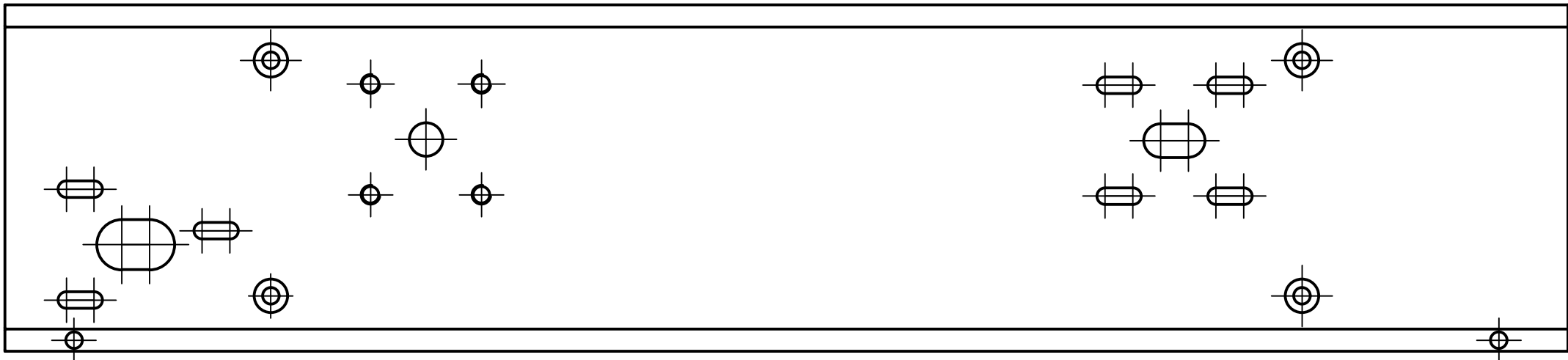
C - Section Right End View 1:1
No Hidden Detail Shown



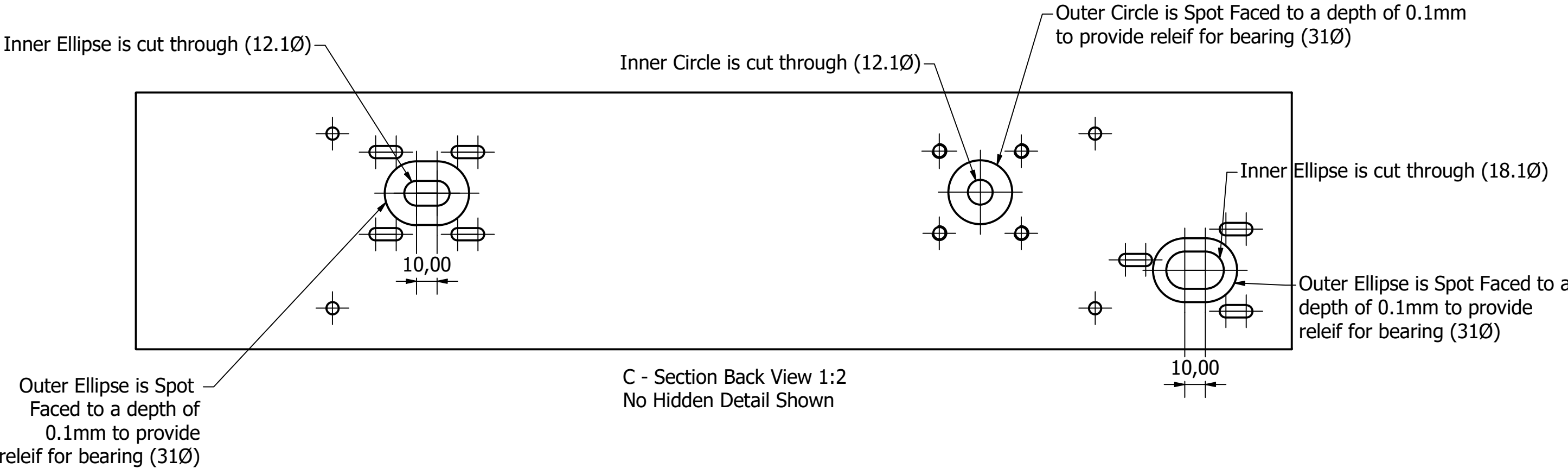
C - Section Base View 1:4
No Hidden Detail Shown

SCALE:	UNITS:	DATE:	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT:	DRAWN BY:	REV:
1 : 1	mm	23/09/2019			C - Section	AMK	
SHEET SIZE:					SHEET TITLE:	SHEET NO:	DRAWING NO:
A3					Additional C - Section Details	31	MST031

Additional Views of C - Section Component



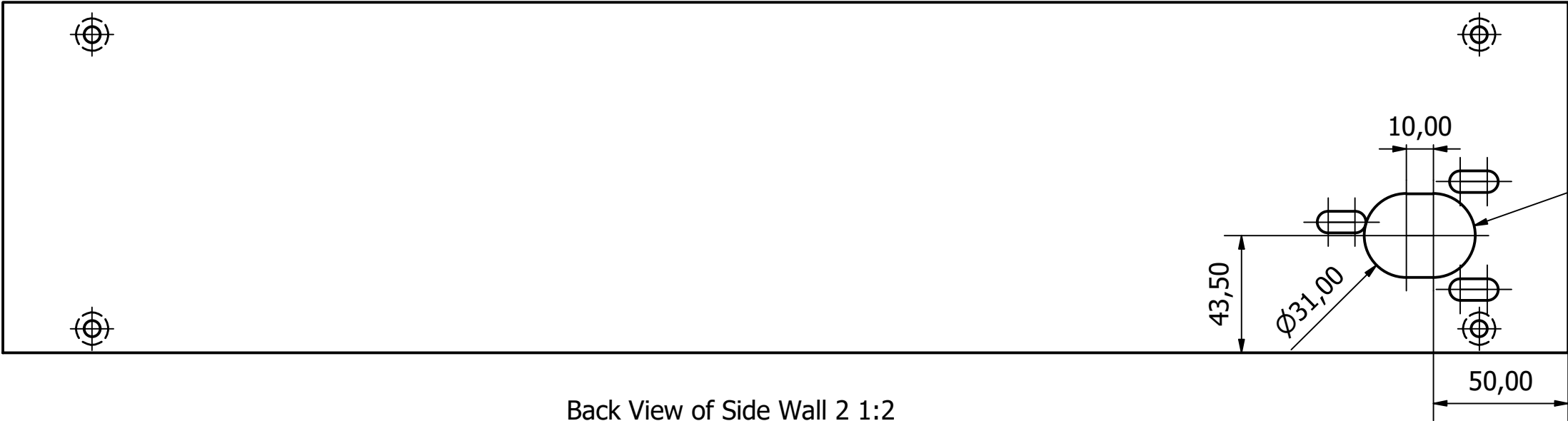
C - Section Front View 1:2
No Hidden Detail Shown



C - Section Back View 1:2
No Hidden Detail Shown

SCALE:	UNITS:	DATE:	APPROVED BY:	EQUIPMENT:		DRAWN BY:	REV:
1 : 2	mm	23/09/2019		C - Section		AMK	
SHEET SIZE:				SHEET TITLE:	SHEET NO:	DRAWING NO:	
A3				C - Section Additional Details	32	MST032	

Additional View of Sheet 6 Side Wall 2



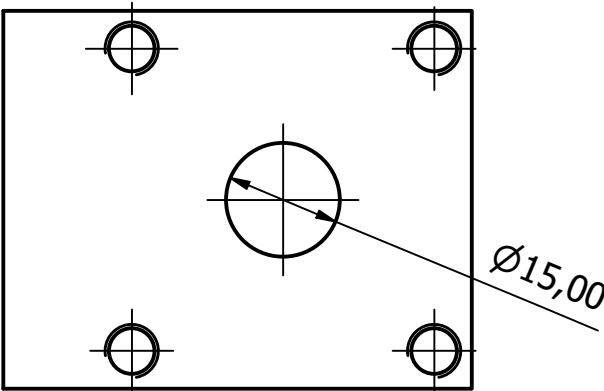
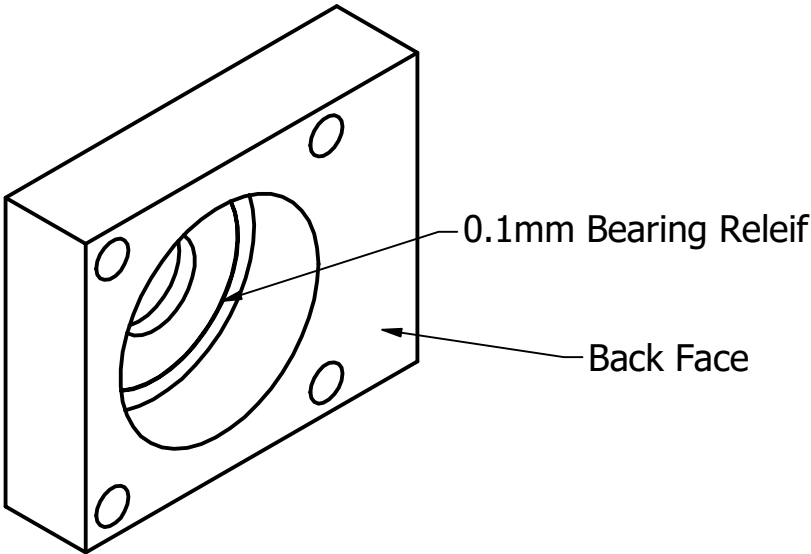
Back View of Side Wall 2 1:2

SCALE:	UNITS:	DATE:	APPROVED BY:		EQUIPMENT:	DRAWN BY:	REV:
1 : 2	mm	23/09/2019			Side Wall 2	AMK	
SHEET SIZE:					SHEET TITLE:	SHEET NO:	DRAWING NO:
A3					Side Wall 2 Additional Details	33	MST033

Bearing Holders Additional Details

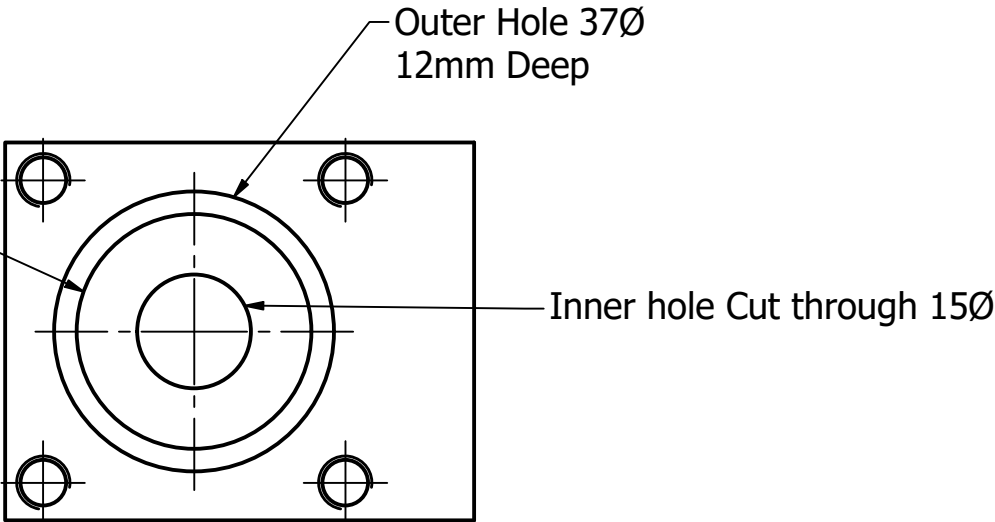
This Detail is typical for all bearing Holders
Seen on sheets 13, 14, 15 and 16

Bearing Holder With Tensioner Isometric View



Bearing Holder Front View
No Hidden Detail Shown

Middle circle shows lip to
provide relief to bearing
31Ø, 12.1mm deep



Bearing Holder Back View
No Hidden Detail Shown

SCALE:	UNITS:	DATE:	APPROVED BY:	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND	EQUIPMENT:	DRAWN BY:	REV:
1 : 1	mm	23/09/2019			All Bearing Holders	AMK	
SHEET SIZE:					SHEET TITLE:	SHEET NO:	DRAWING NO:
A3					Bearing Holders Additional Details	34	MST034