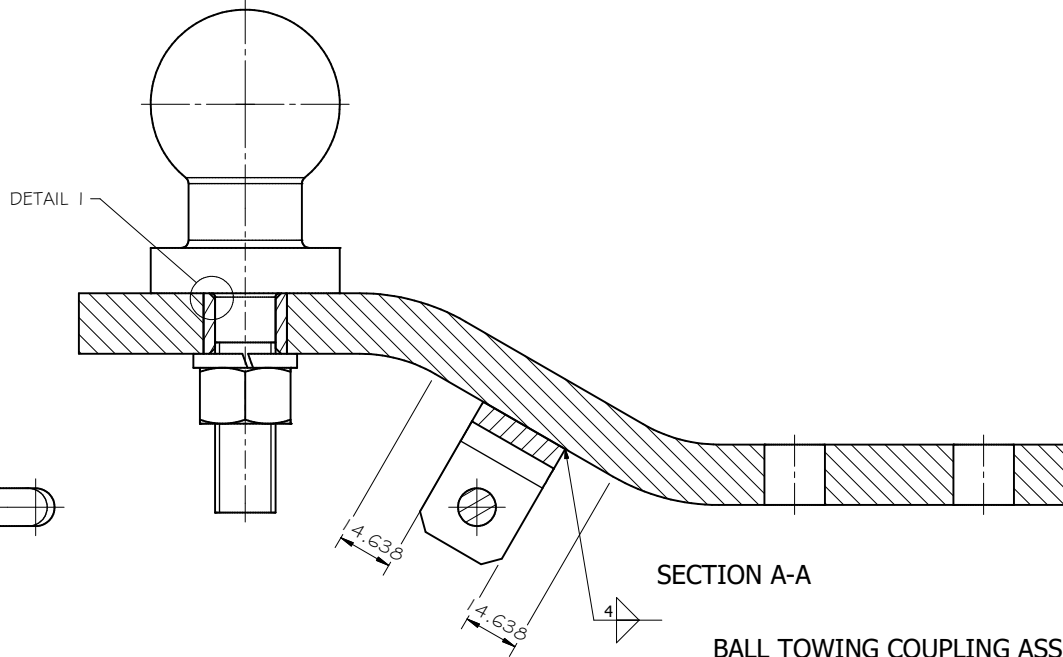
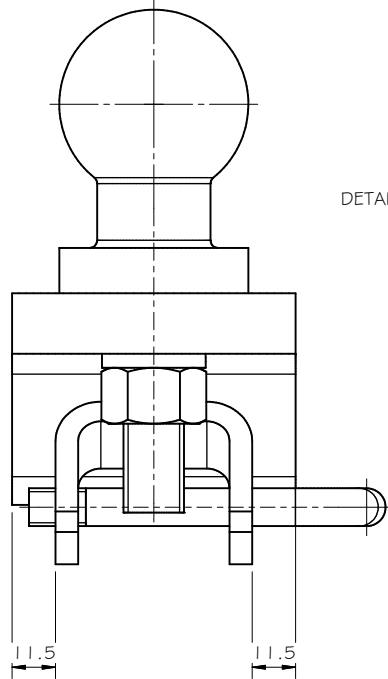
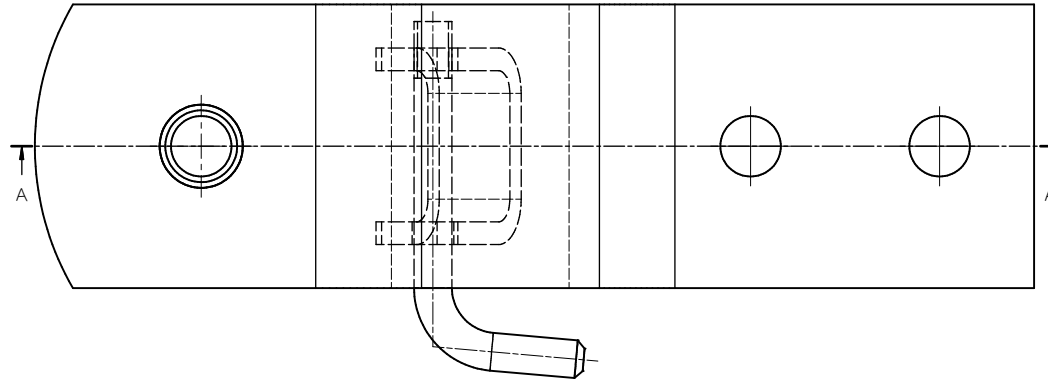
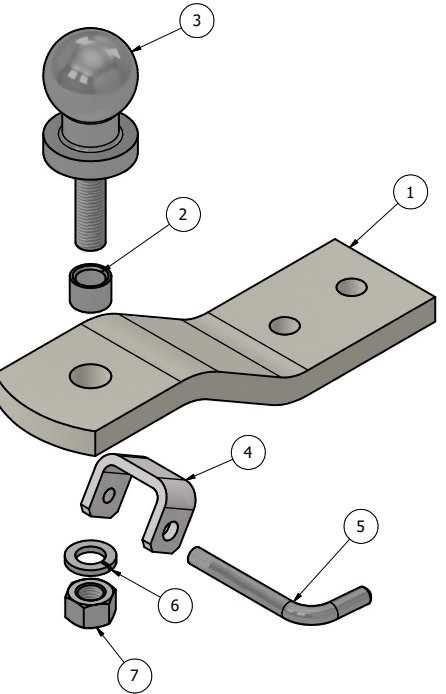


DETAIL 1
SCALE 5 : 1



SECTION A-A

BALL TOWING COUPLING ASSEMBLY - 1 REQ'D
SCALE 1:1



EXPLODED ISOMETRIC VIEW
SCALE 1 : 2

Parts List				
ITEM	QTY	DESCRIPTION	MATERIAL	MASS
1	1	TONGUE	Steel, Mild	2.450 kg
2	1	SLEEVE	Steel, Mild	0.022 kg
3	1	BALL	Steel, Mild	0.877 kg
4	1	BRACKET	Steel, Mild	0.118 kg
5	1	BOLT	Steel, Mild	0.074 kg
6	1	Helical spring lock washers (metric series)	Steel, Mild	0.011 kg
7	1	ISO metric hexagon nuts, including thin nuts, slotted nuts and castle nuts	Steel, Mild	0.040 kg

A	22/3/2026	Revision A - ISSUED FOR MARKING	JW
REV	DATE	DESCRIPTION	APPROVED
		REVISIONS	



DO NOT SCALE

DRN:
Josh Wall
DATE:
22/3/2026
CHECKED:
TAFE NSW

MECHANICAL ENGINEERING NEWCASTLE

BALL TOWING COUPLING
ASSEMBLY DRAWING

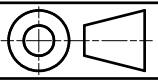
ORIGINAL DRAWING SIZE:
A2

SCALE:
1 : 1

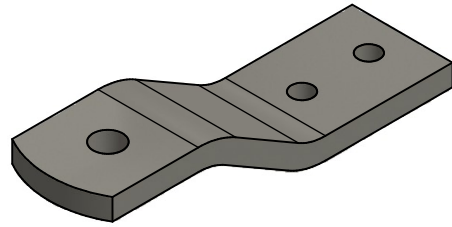
DRAWING No:

MEM09204-P1-006

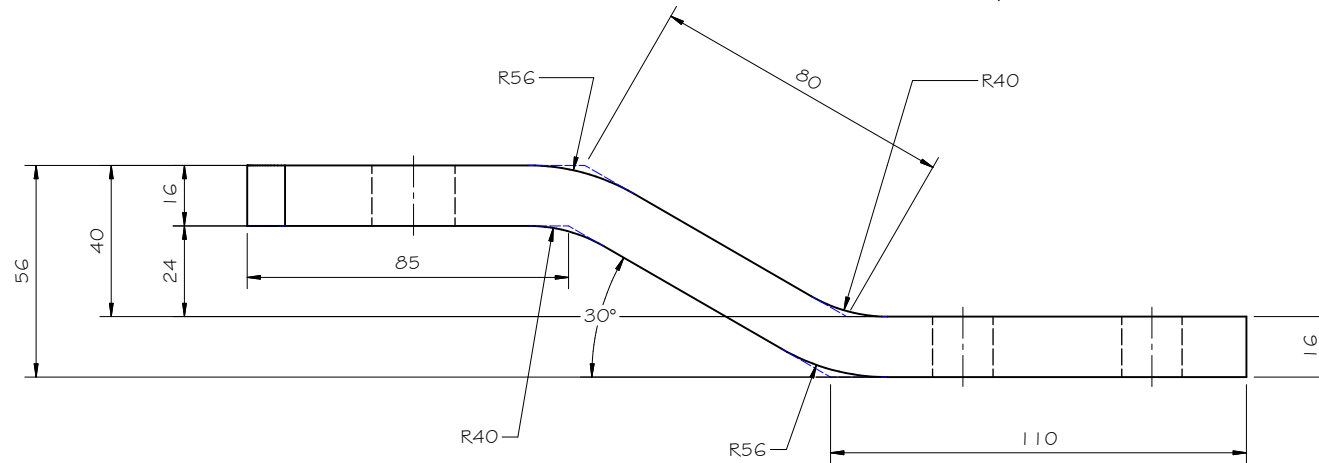
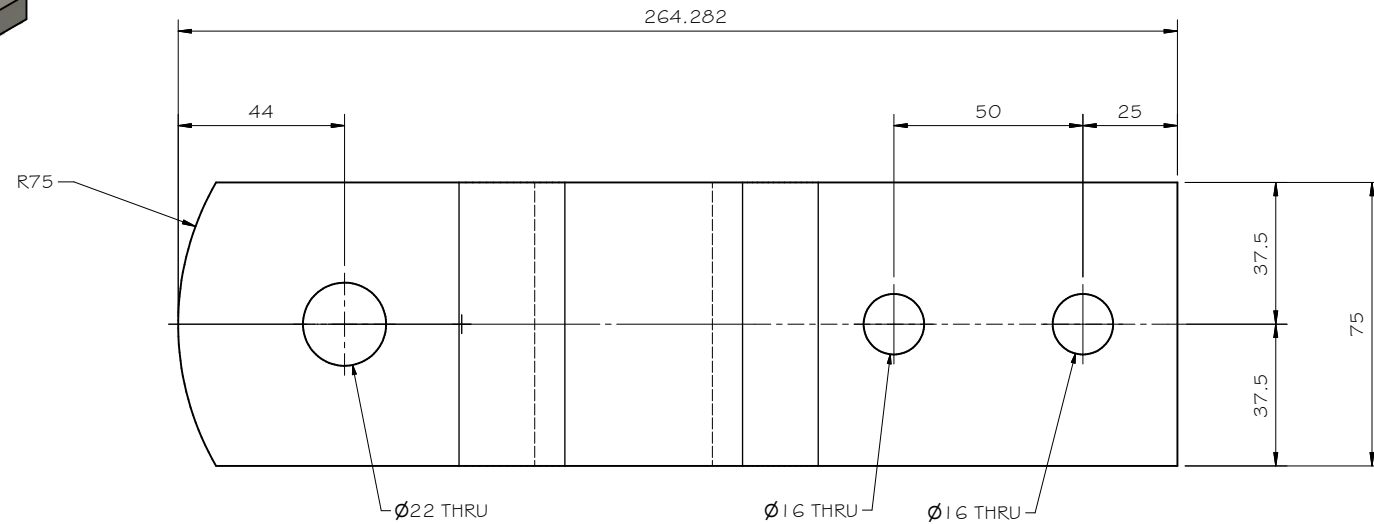
REVISION:
A



Parts List				
ITEM	QTY	DESCRIPTION	MATERIAL	MASS
1	1	TONGUE	Steel, Mild	2.450 kg



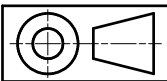
ISOMETRIC VIEW
SCALE 1 : 2



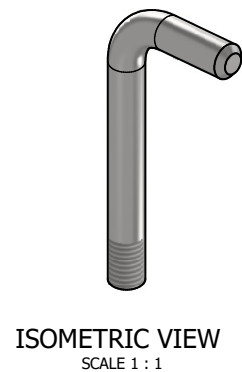
TONGUE - 1 REQ'D
MATERIAL: MILD STEEL
SCALE 1:1

A	22/3/2026	Revision A - ISSUED FOR MARKING	JW
REV	DATE	DESCRIPTION	APPROVED
REVISIONS			

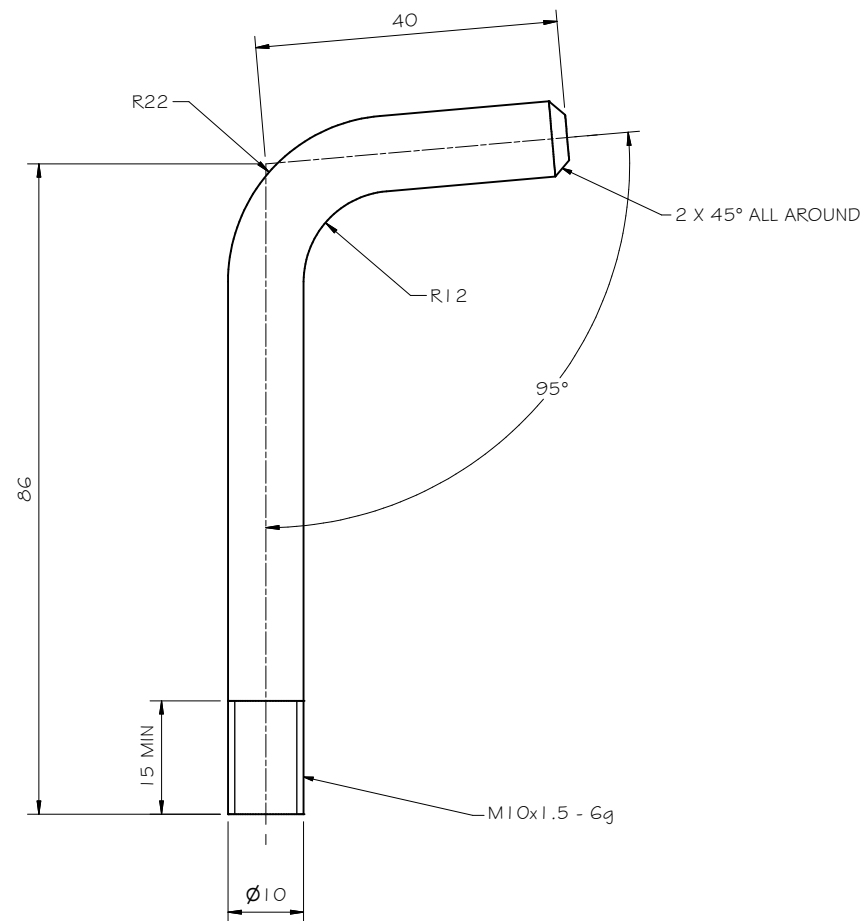
 TAFE ^{NSW}	DRN: Josh Wall	MECHANICAL ENGINEERING NEWCASTLE		
	DATE: 22/3/2026	TONGUE PART DRAWING		
	CHECKED: TAFE NSW			
DO NOT SCALE	ORIGINAL DRAWING SIZE: A2	SCALE: 1:1	DRAWING No: MEM09204-P1-005	REVISION: A



Parts List				
ITEM	QTY	DESCRIPTION	MATERIAL	MASS
1	1	BOLT	Steel, Mild	0.074 kg



ISOMETRIC VIEW
SCALE 1 : 1



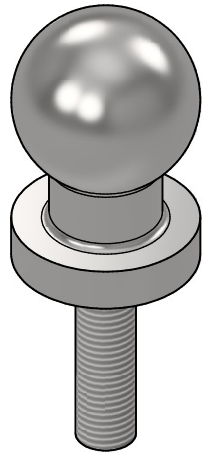
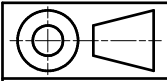
BOLT - 1 REQ'D
MATERIAL: MILD STEEL
SCALE 2:1

A	22/3/2026	Revision A - ISSUED FOR MARKING	JW
REV	DATE	DESCRIPTION	APPROVED
REVISIONS			

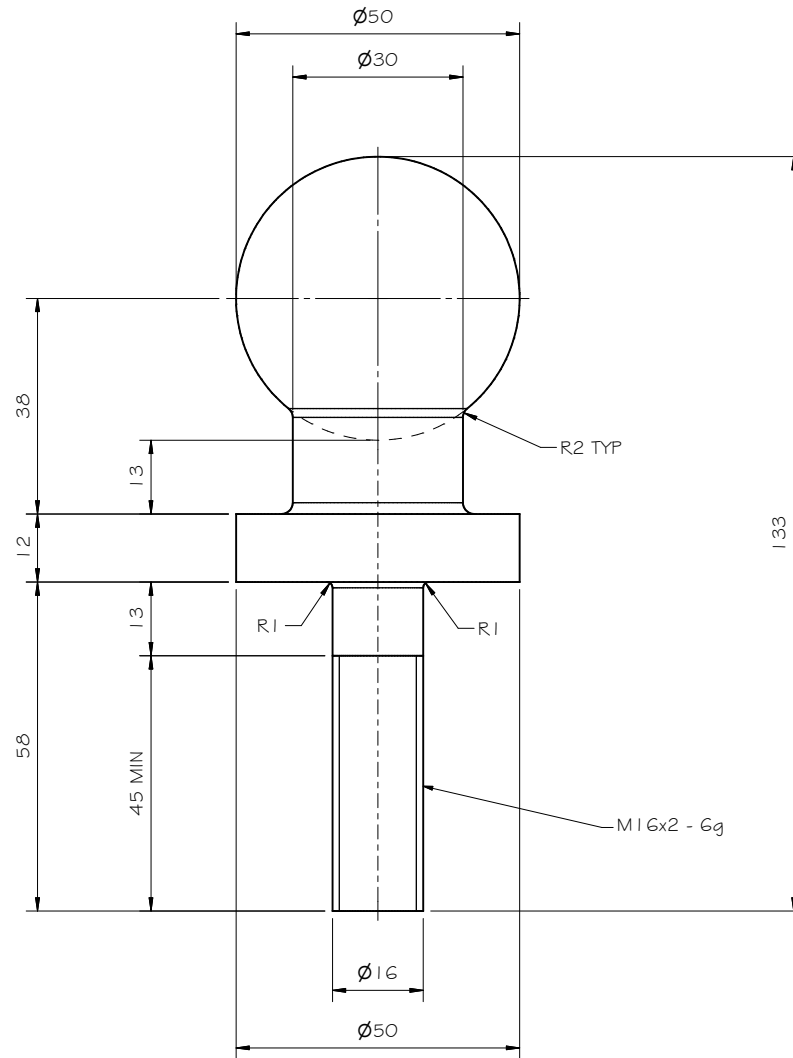


DO NOT SCALE

DRN:	Josh Wall	MECHANICAL ENGINEERING NEWCASTLE		
DATE:	22/3/2026	BOLT PART DRAWING		
CHECKED:	TAFE NSW			
ORIGINAL DRAWING SIZE:	A2	SCALE:	2:1	DRAWING No:
MEM09204-P1-004				REVISION:
				A



ISOMETRIC VIEW
SCALE 1 : 1



BALL - 1 REQ'D
MATERIAL: MILD STEEL
SCALE 1.5:1

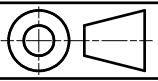
Parts List				
ITEM	QTY	DESCRIPTION	MATERIAL	MASS
1	1	BALL	Steel, Mild	0.877 kg

A	22/3/2026	Revision A - ISSUED FOR MARKING	JW
REV	DATE	DESCRIPTION	APPROVED
REVISIONS			

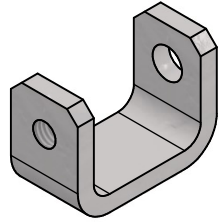


DO NOT SCALE

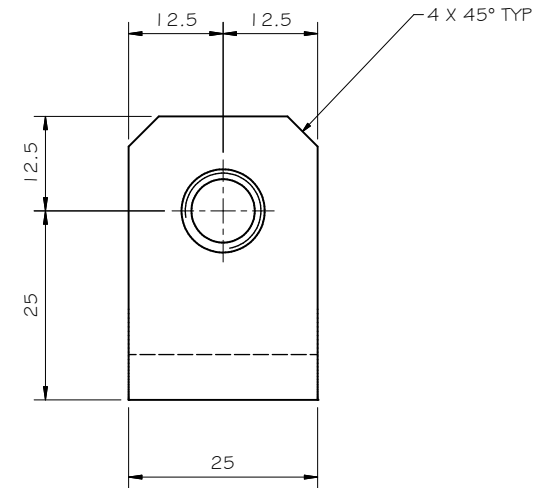
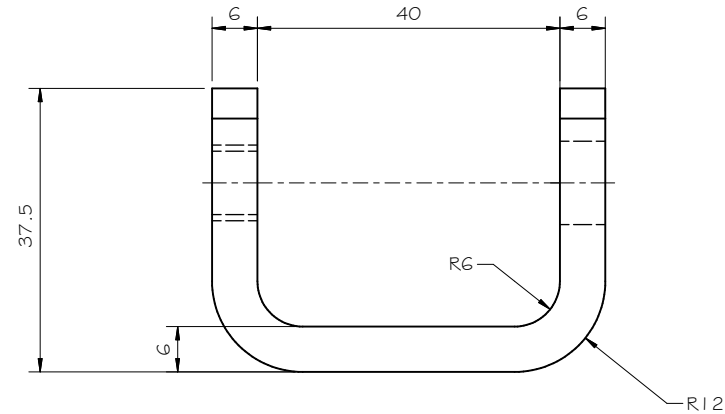
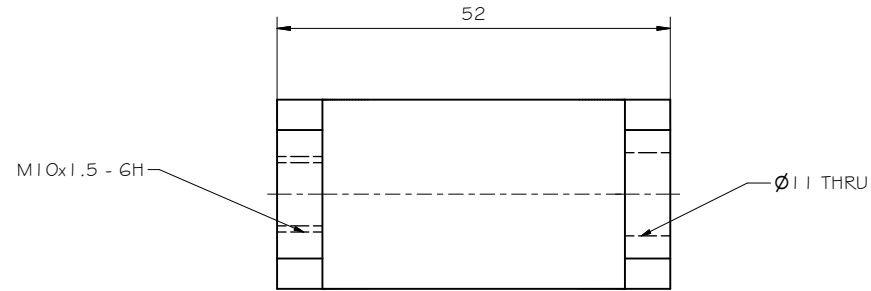
DRN:	Josh Wall	MECHANICAL ENGINEERING NEWCASTLE		
DATE:	22/3/2026	BALL PART DRAWING		
CHECKED:	TAFE NSW			
ORIGINAL DRAWING SIZE:	A2	SCALE:	1.5:1	DRAWING No: MEM09204-P1-003
				REVISION: A



Parts List				
ITEM	QTY	DESCRIPTION	MATERIAL	MASS
1	1	BRACKET	Steel, Mild	0.118 kg



ISOMETRIC VIEW
SCALE 1 : 1



BRACKET - 1 REQ'D
MATERIAL: MILD STEEL
SCALE 2:1

A	22/3/2026	Revision A - ISSUED FOR MARKING	JW
REV	DATE	DESCRIPTION	APPROVED
REVISIONS			



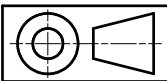
DO NOT SCALE

DRN:	Josh Wall
DATE:	22/3/2026
CHECKED:	TAFE NSW

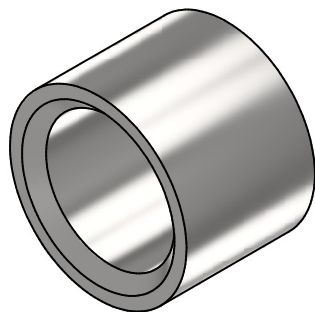
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A2	2:1	MEM09204-P1-002	A

MECHANICAL ENGINEERING NEWCASTLE

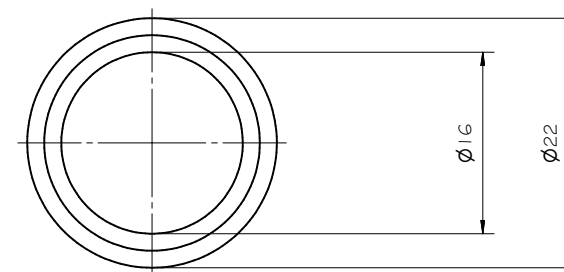
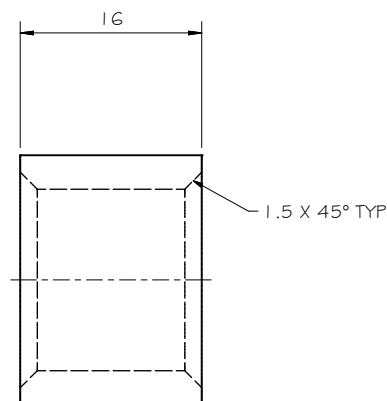
BRACKET
PART DRAWING



Parts List				
ITEM	QTY	DESCRIPTION	MATERIAL	MASS
1	1	SLEEVE	Steel, Mild	0.022 kg



ISOMETRIC VIEW
SCALE 3 : 1



SLEEVE - 1 REQ'D
MATERIAL: MILD STEEL
SCALE 5:1

A	22/3/2026	Revision A - ISSUED FOR MARKING	JW
REV	DATE	DESCRIPTION	APPROVED
REVISIONS			



DO NOT SCALE

DRN:	Josh Wall	MECHANICAL ENGINEERING NEWCASTLE		
DATE:	22/3/2026	SLEEVE PART DRAWING		
CHECKED:	TAFE NSW			
ORIGINAL DRAWING SIZE:	A2	SCALE:	5:1	DRAWING No: MEM09204-P1-001
				REVISION: A