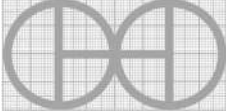
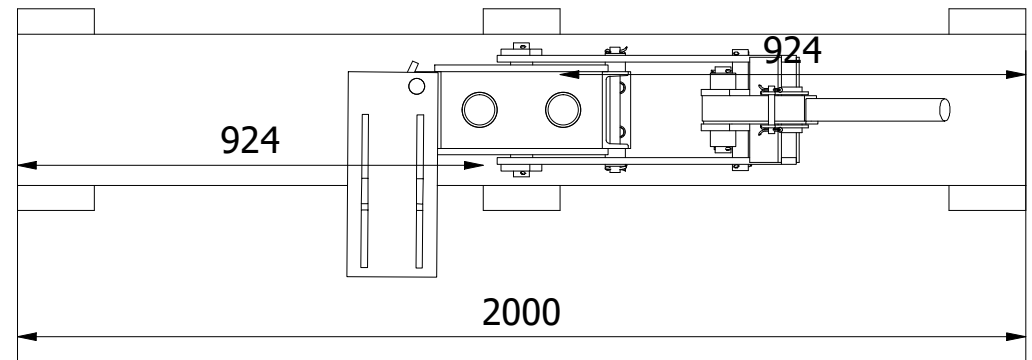
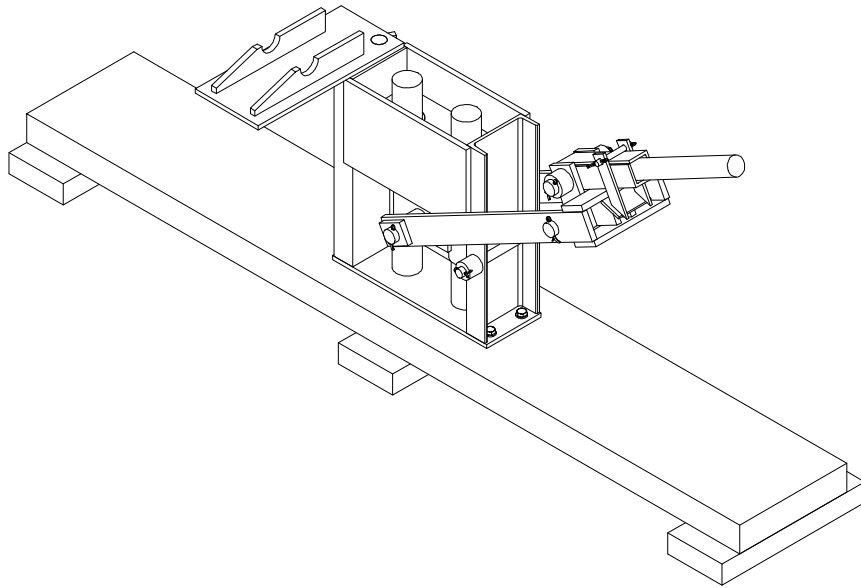
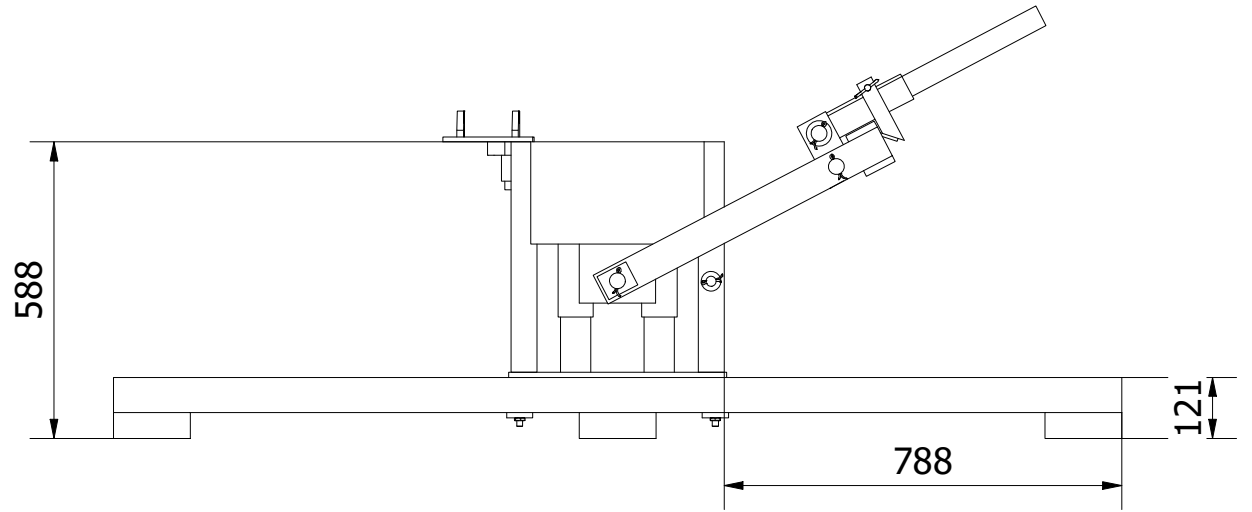
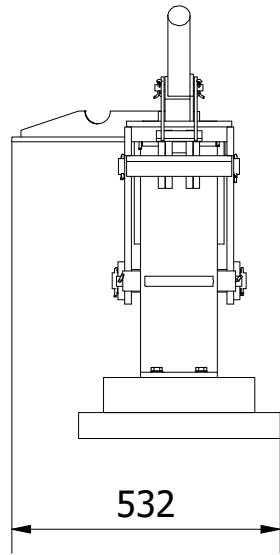


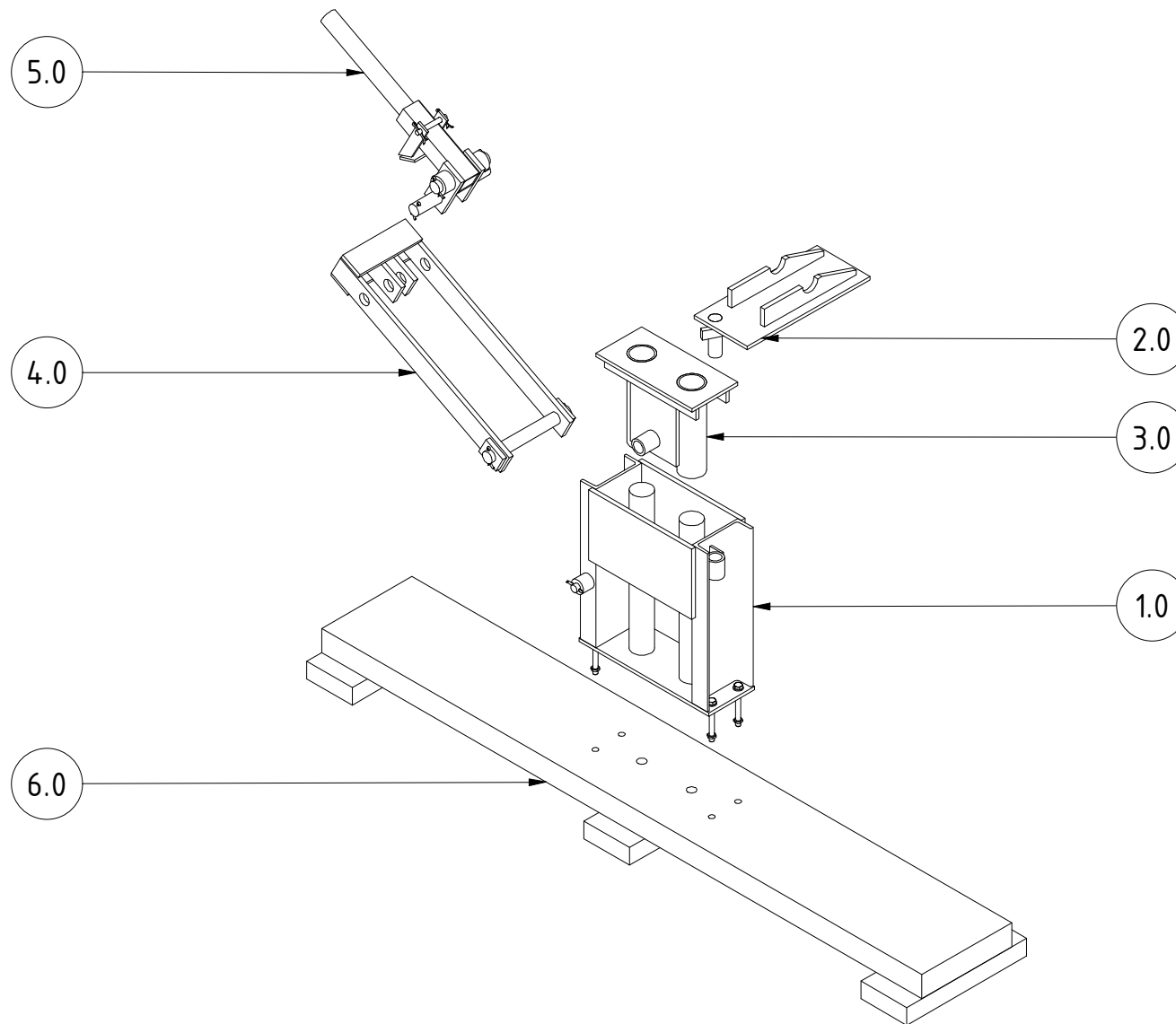
Note: All units in mm.

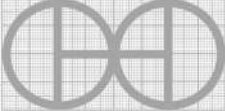
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME 3d views		FILE NAME ceta_bbmc_rbrick-making-machine-ceta-ram.iam			POS A1
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada		REDESIGNED BY  OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/11	SHEET 1 /53



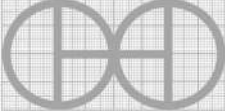
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME 3d views		FILE NAME ceta_bbmc_rbrick-making-machine-ceta-ram.iam			POS A1
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada	REDESIGNED BY OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/15	SHEET 2 /53	



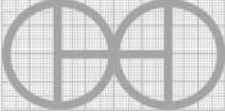
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Exploded 3d view		FILE NAME ceta_bbmc_rbrick-making-machine-ceta-ram.ipn			POS A2
DEVELOPED BY Centro de Experimentación en Tecnología Apropiada	REDESIGNED BY  OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/16	SHEET 3 /53	

Parts list						
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1		3d views	ceta_bbmcr_brick-making-machine-ceta-ram.iam			1
A1		3d views	ceta_bbmcr_brick-making-machine-ceta-ram.iam			2
A2		Exploded 3d view	ceta_bbmcr_brick-making-machine-ceta-ram.ipn			3
B1		Parts list	ceta_bbmcr_brick-making-machine-ceta-ram.csv			4
B2		Parts list	ceta_bbmcr_brick-making-machine-ceta-ram.csv			5
C1		Technical notes				6
1.0	1	Structure	Structure.iam			7-8
1.1	2	Side	Side.ipt	Production	Thk 13ASTM A36	9
1.2	1	Base structure	Base structure.ipt	Production	Thk 10 ASTM A36	10
1.3	1	Beam 1	Beam 1.ipt	Production	152x52x8 ASTM A36	11
1.4	1	Beam 2	Beam 2.ipt	Production	152x52x8 ASTM A36	12
1.5	1	Cap insurance	Cap insurance.ipt	Production	OD 44 DIN C45	13
1.6	1	Cap insurance 1	Cap insurance 1.ipt	Production	Thk 6 ASTM A36	14
1.7	2	Support structure	Support structure.ipt	Production	OD 40 DIN C45	15
1.8	1	Support structure 1	Support structure 1.ipt	Production	OD 20 DIN C45	16
1.9	2	Bars structure	Bars structure.ipt	Production	OD 60 DIN C45	17
1.10	2	Bolts structure	Bolts structure.ipt	Standard	M14x30 DIN 933	
1.11	4	Bolts	Bolts.ipt	Standard	M12x100 DIN 931-1	
1.12	4	Nuts	Nuts.ipt	Standard	M12 DIN 439-2	
1.13	4	Washer	Washer.ipt	Standard	DIN 125-1	
1.14	2	Cotter pins structure	Cotter pins structure.ipt	Standard	DIN EN ISO 1234	
2.0	1	Top assembly	Top assembly.iam			18-19
2.1	1	Top	Top.ipt	Production	Thk 10 ASTM A36	20
2.2	2	Top support	Top support.ipt	Production	Thk 13 ASTM A36	21
2.3	1	Bottom top	Bottom top.ipt	Production	OD 32 DIN C45	22
2.4	1	Bottom top 1	Bottom top 1.ipt	Production	Thk 13 ASTM A36	23
3.0	1	Piston assembly	Piston assembly.iam			24-25
3.1	1	Piston top	Piston top.ipt	Production	Thk 10 ASTM A36	26
3.2	2	Piston caps	Piston caps.ipt	Production	Thk 10 ASTM A36	27
3.3	2	Piston caps 1	Piston caps 1.ipt	Production	Thk 10 ASTM A36	28
3.4	2	Piston rod	Piston rod.ipt	Production	OD 70 DIN C45	29

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Parts list		FILE NAME ceta_bbmcr_brick-making-machine-ceta-ram.csv			POS B1
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY  OHO e.V.	DOC. TYPE Parts list	MATERIAL LICENCE CC-BY-SA 4.0	QUANTITY SCALE SHEET 4 /53

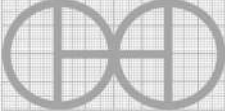
Parts list

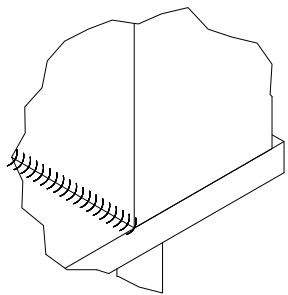
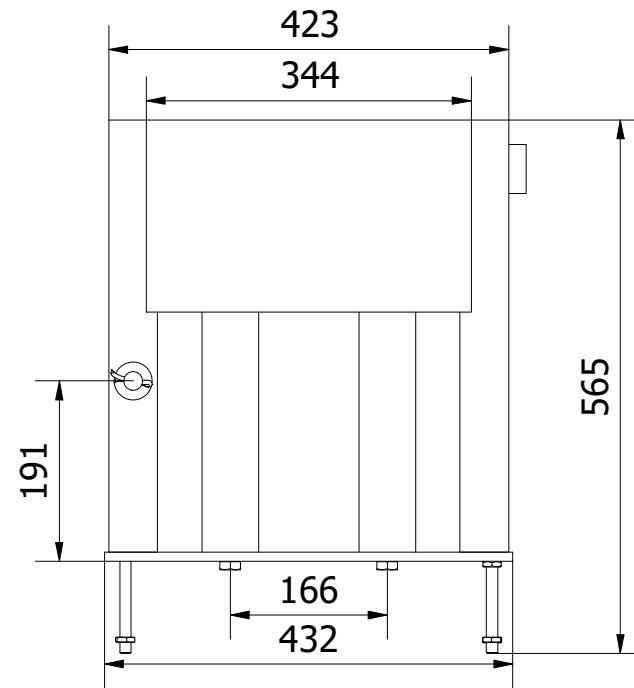
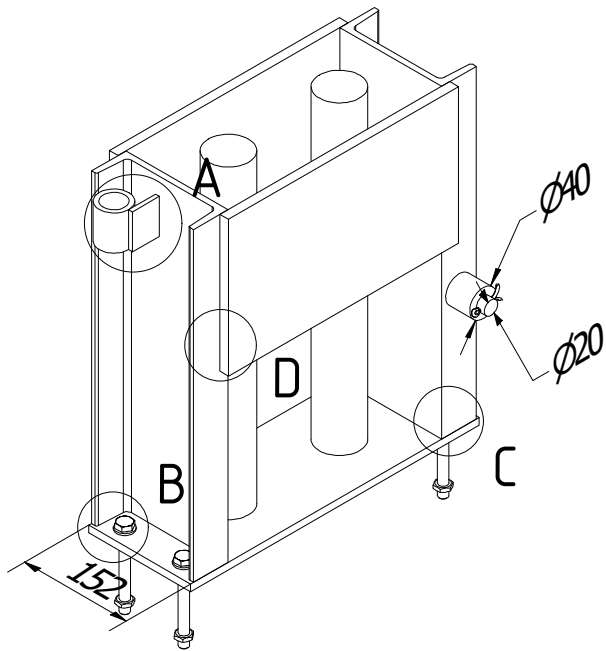
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
3.5	1	Piston rod 1	Piston rod 1.ipt	Production	OD 44 DIN C45	30
4.0	1	Support assembly	Support assembly.iam	Production		31-32
4.1	2	Support piston	Support piston.ipt	Production	Thk 13 ASTM A36	33
4.2	2	Support piston 1	Support piston 1.ipt	Production	Thk 13 ASTM A36	34
4.3	2	Bar support	Bar support.ipt	Production	Thk 13 ASTM A36	35
4.4	1	Axis support	Axis support.ipt	Production	OD 32 DIN C45	36
4.5	2	Internal support	Internal support.ipt	Production	Thk 13 ASTM A36	37
4.6	2	Cotter pins support	Cotter pins support.ipt	Standard	DIN EN ISO 1234	
5.0	1	Lever	Lever.iam			38-39
5.1	2	Cover bracket	Cover bracket.ipt	Production	Thk 13 ASTM A 36	40
5.2	1	Barrette	Barrette.ipt	Production	OD 32 DIN C45	41
5.3	1	Barrette 1	Barrette 1.ipt	Production	OD 32 DIN C45	42
5.4	1	Barrette 2	Barrette 2.ipt	Production	OD 12 DIN C45	43
5.5	2	Support barrette	Support barrette.ipt	Production	OD 52 DIN C45	44
5.6	2	Side lever	Side lever.ipt	Production	Thk 6 ASTM A 36	45
5.7	1	Side lever 1	Side lever 1.ipt	Production	Thk 6 ASTM A36	46
5.8	2	Cover lever	Cover lever.ipt	Production	50x50x6 ASTM A 36	47
5.9	1	Bar lever	Bar lever.ipt	Production	OD 44 DIN C45	48
5.10	6	Cotter pins lever	Cotter pins lever.ipt	Standard	DIN EN ISO 1234	
6.0	1	Fixing Support	Fixing Support.iam			49-50
6.1	1	Platform	Platform.ipt	Production	Kild dried wood	51
6.2	3	Platform base	Platform base.ipt	Production	Kild dried wood	52
6.3	2	Flat	Flat.ipt	Production	Thk 10 ASTM A36	53
6.4	6	Wood screw	Wood screw.ipt	Standard	GOST 1145-80 6x80	

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Parts list		FILE NAME ceta_bbmcr_brick-making-machine-ceta-ram.csv			POS B2
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY  OHO e.V.	DOC. TYPE Parts list	MATERIAL LICENCE CC-BY-SA 4.0	QUANTITY SCALE SHEET 5 /53

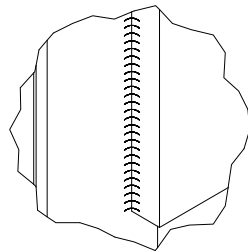
TECHNICAL NOTES

NOTES	CONTENT
GENERAL NOTES	
Metal structure treatment	Iron structures should be painted to prevent rust and improve equipment life. - Remove loose rust with a wire brush, sandpaper or chemical rust remover. - If applicable, sand areas where paint is chipping until surface is smooth. - Remove dust or oil with a degreaser or denatured alcohol. - Prime surface to protect against rust and corrosion
Wood treatment	- The wood must be treated with pesticides and kiln-dried to ensure adequate humidity. - Wood sealer should be applied for later use.

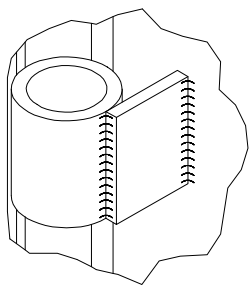
PROJECT Brick Making Machine CETA-RAM - for soil bricks	CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Technical notes	FILE NAME			POS C1
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Technical notes	MATERIAL	QUANTITY
		LICENCE CC-BY-SA 4.0	SCALE	SHEET 6 /53



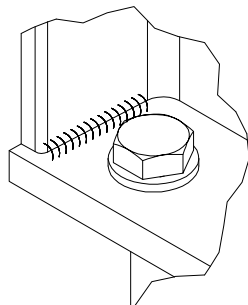
C (1 : 2)



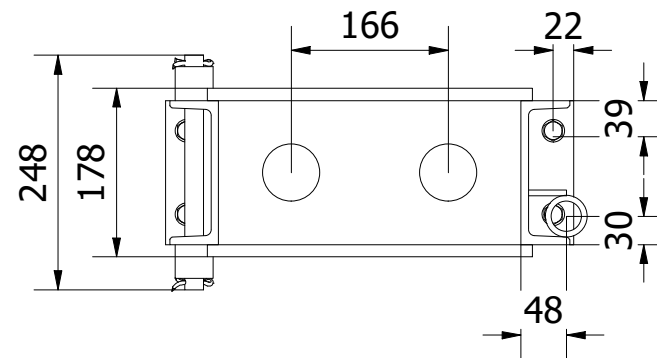
D (1 : 2.5)



A (1:3)

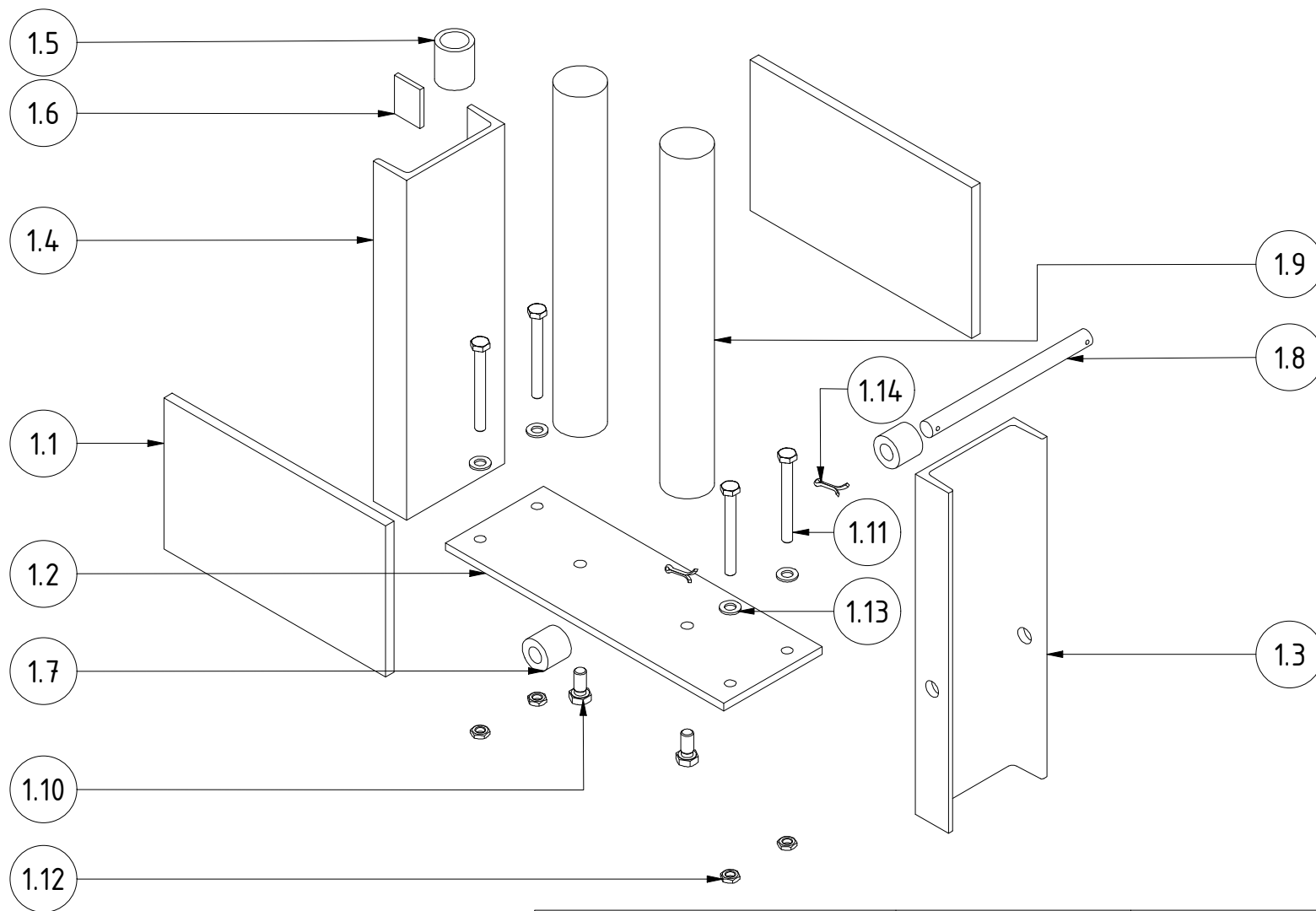


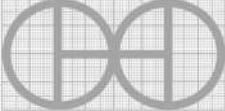
B (1 : 2)

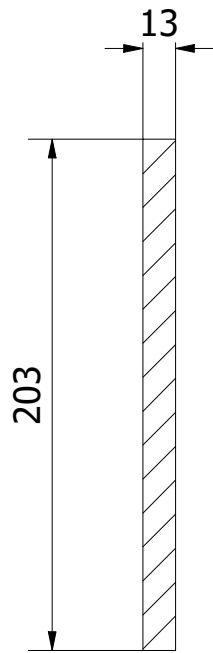


Note: All units in mm.

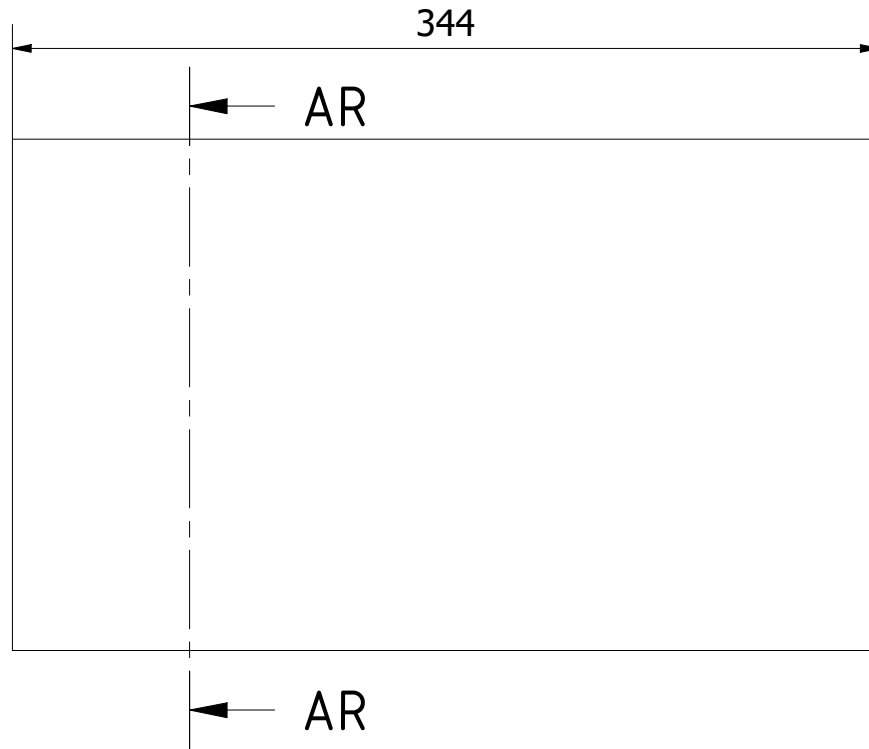
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Structure		FILE NAME Structure.iam			POS 1.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada	REDESIGNED BY OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/8	SHEET 7 /53	



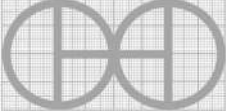
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Structure		FILE NAME Structure.ipn			POS 1.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/7	SHEET 8 /53	

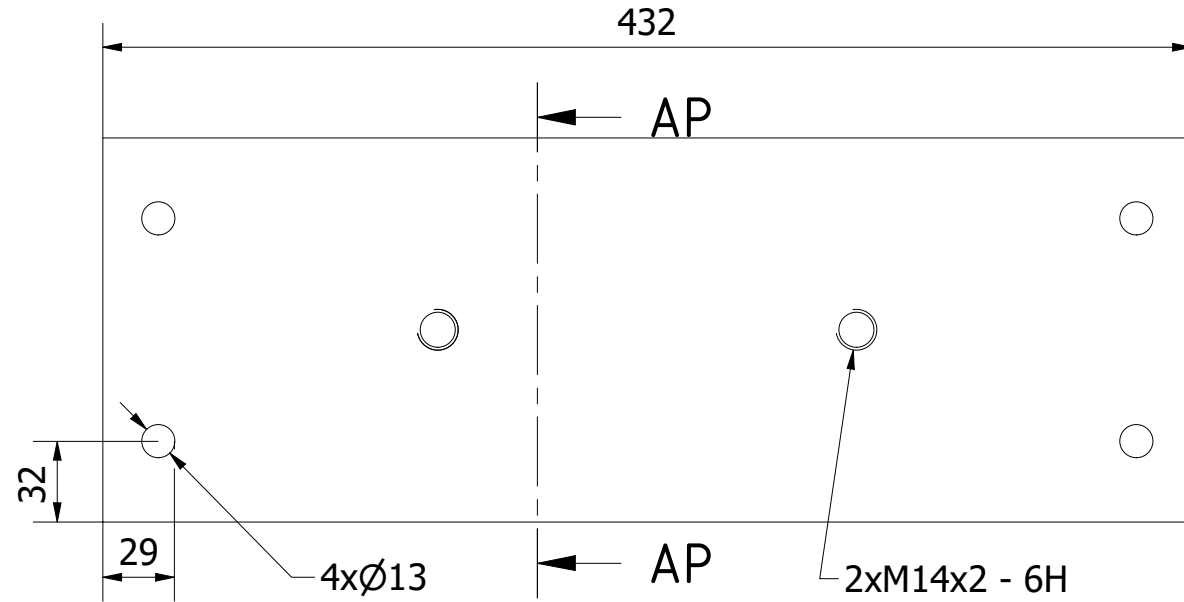
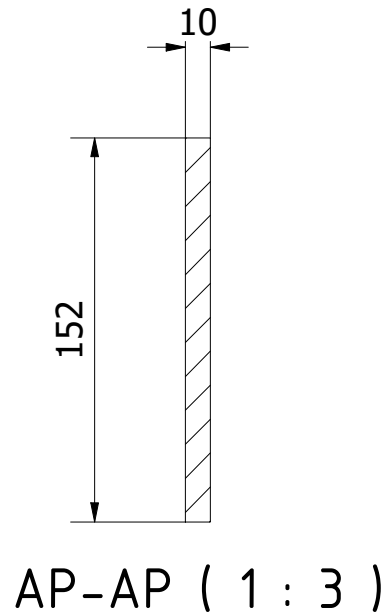


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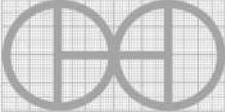


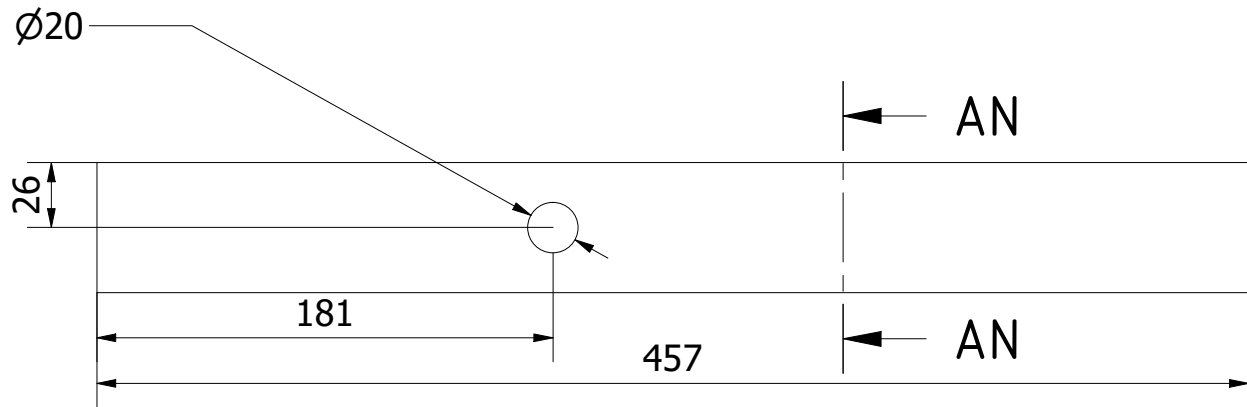
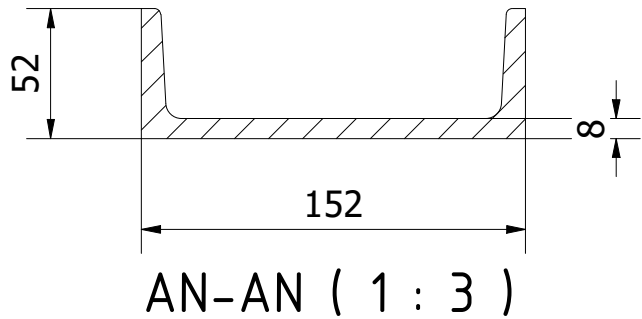
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Side		FILE NAME side.ipt			POS 1.1
DEVELOPED BY Centro de Experimentación en Tecnología Apropiada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2	
		LICENCE CC-BY-SA 4.0	SCALE 1/3	SHEET 9 /53	

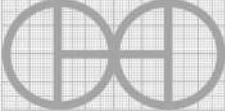


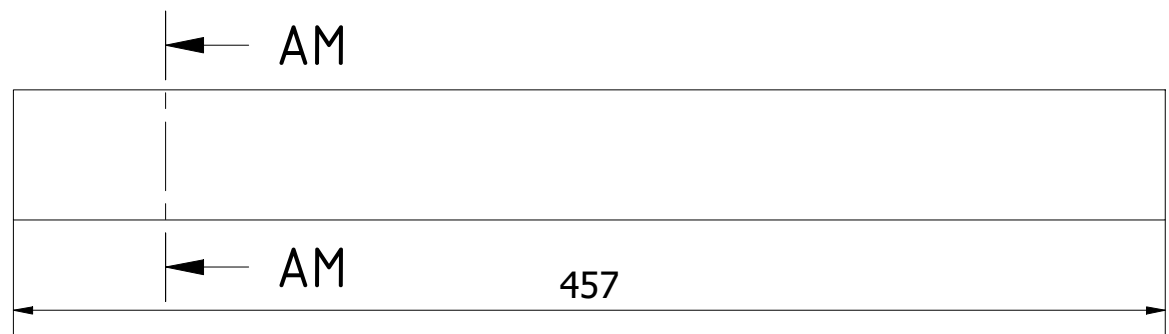
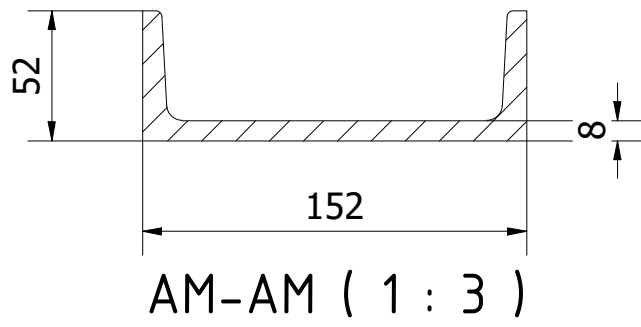
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Base structure		FILE NAME base structure.ipt			POS 1.2
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/3	SHEET 10 /53	




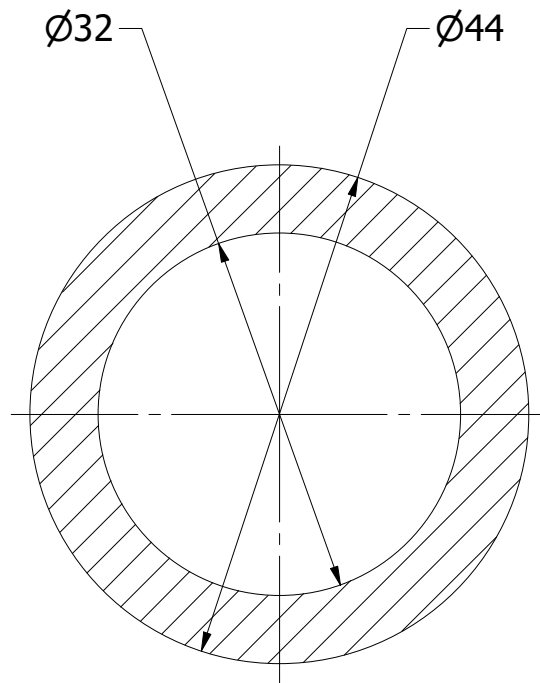
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Beam 1		FILE NAME beam 1.ipt			POS 1.3
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/3	SHEET 11 /53

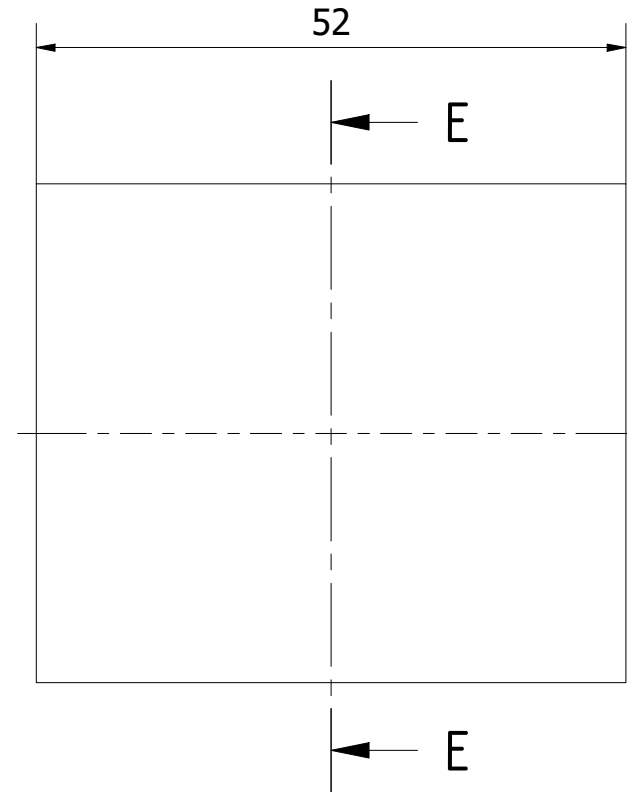


Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Beam 2		FILE NAME beam 2.ipt			POS 1.4
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/3	SHEET 12 /53

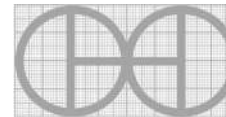


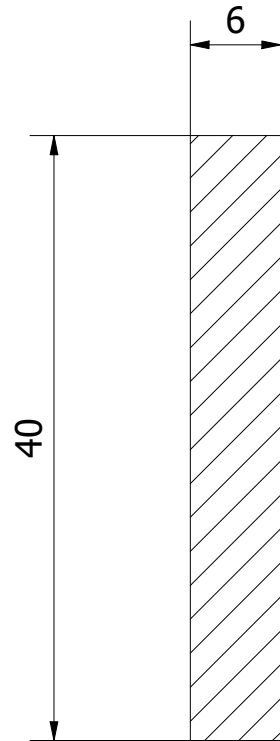
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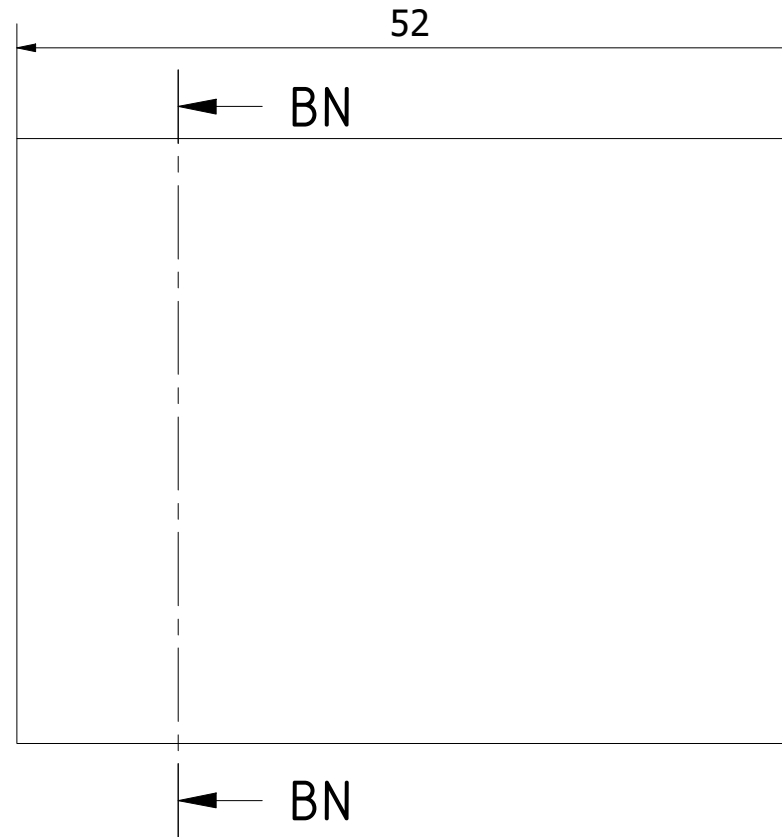
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Cap insurance		FILE NAME cap insurance.ipt			POS 1.5
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1.5/1	SHEET 13 /53	

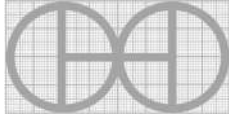


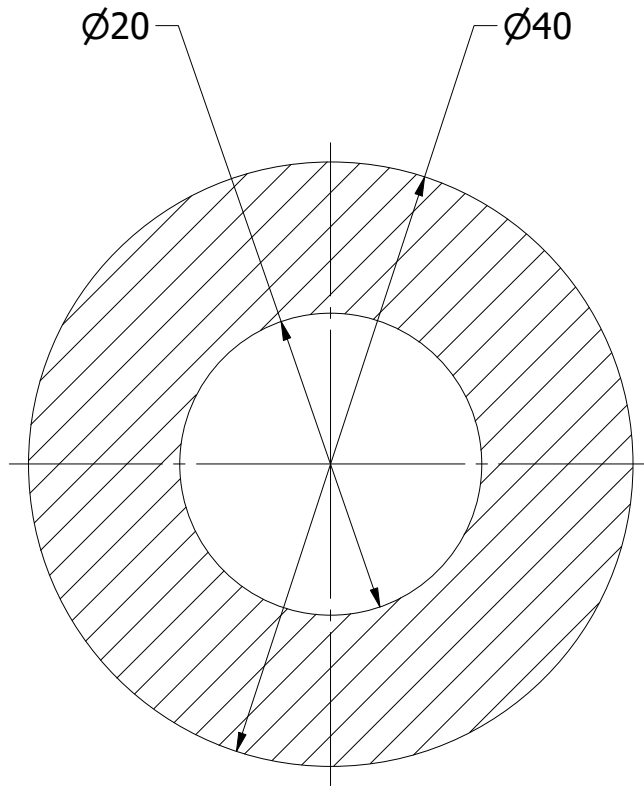


BN-BN (1 : 0.5)

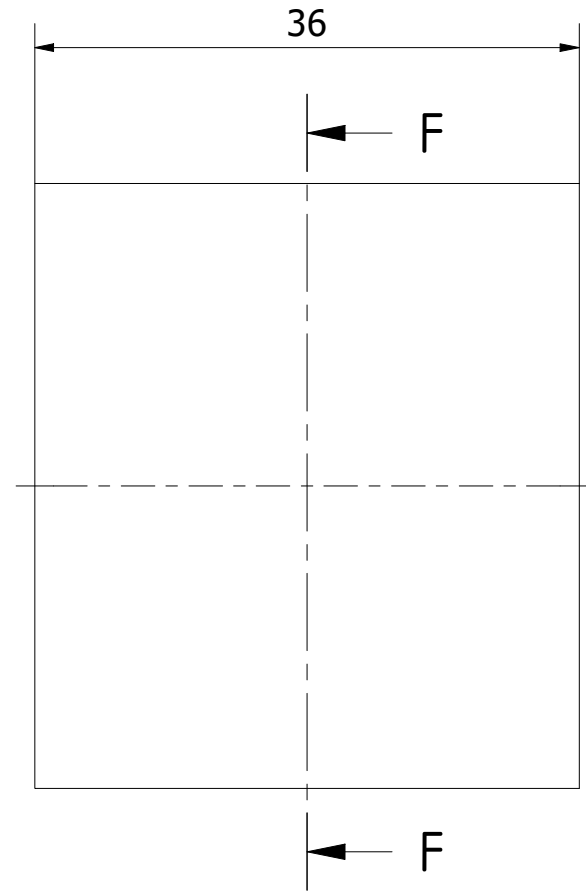


Note: All units in mm.

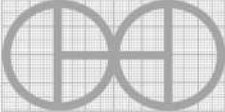
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Cap insurance 1		FILE NAME cap insurance 1.ipt			POS 1.6
DEVELOPED BY Centro de Experimentación en Tecnología Apropiada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/0.5	SHEET 14 /53	

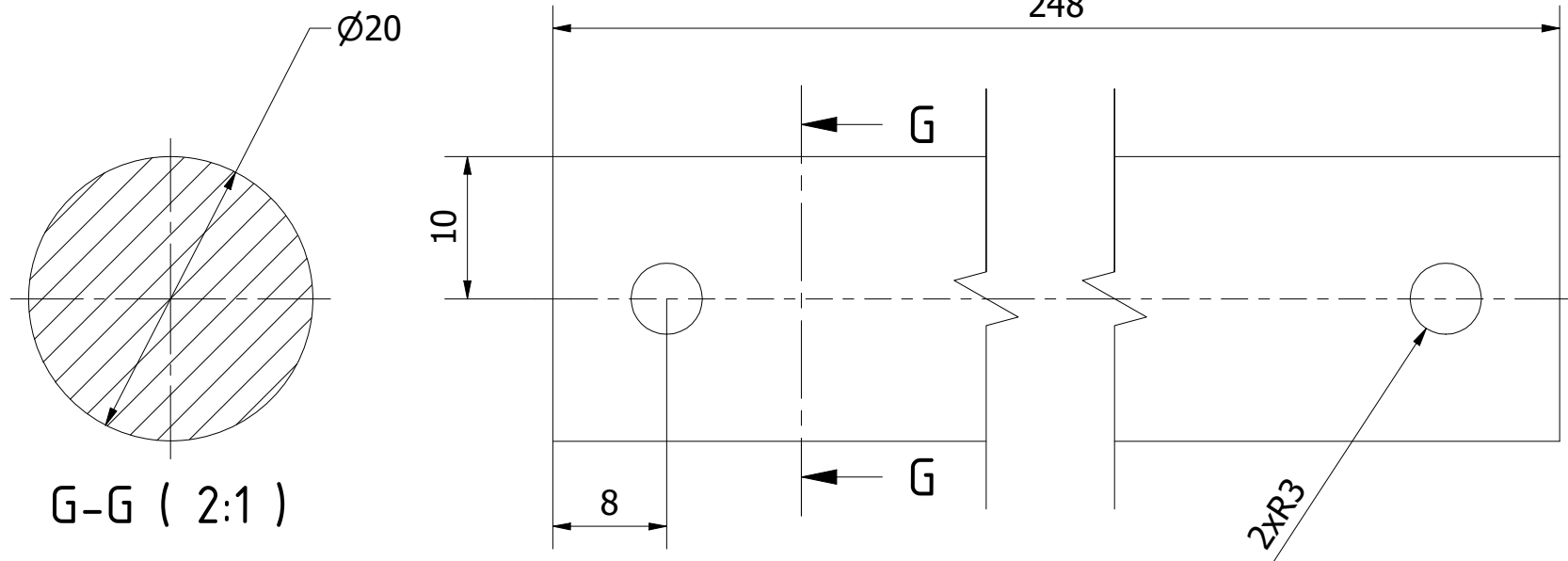


F-F (2 : 1)




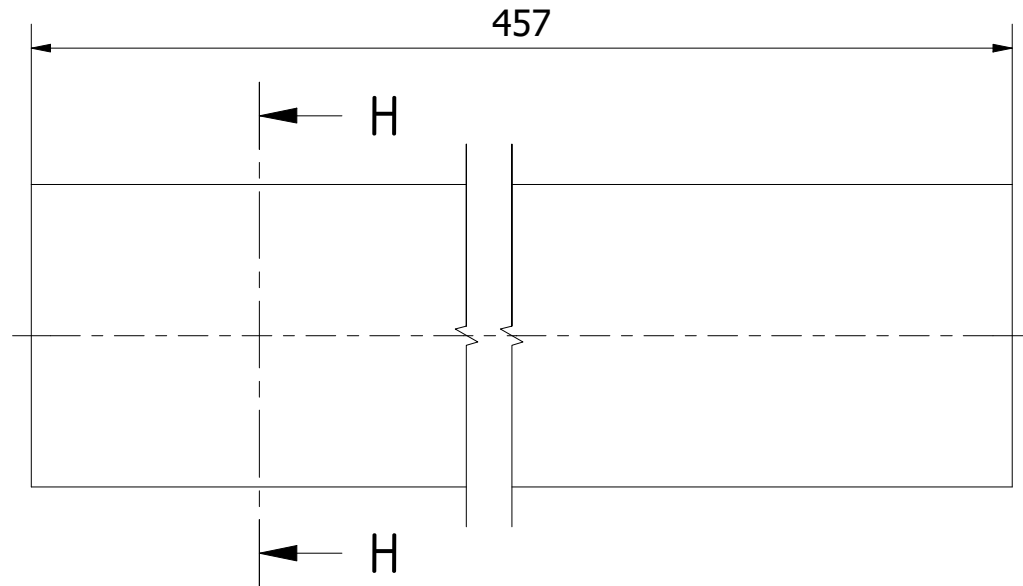
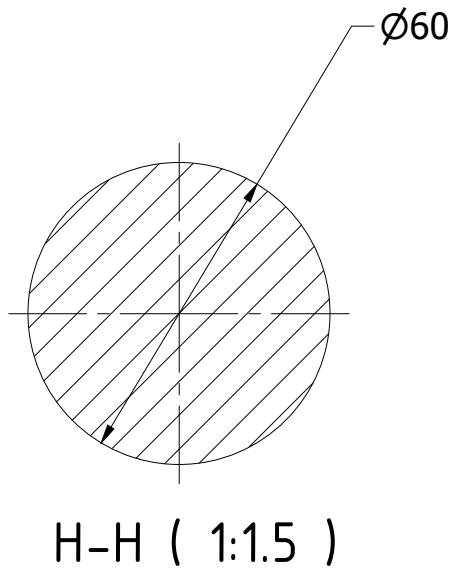
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Support structure		FILE NAME support structure.ipt			POS 1.7
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 2	LICENCE CC-BY-SA 4.0
		SCALE 2/1	SHEET 15 /53		



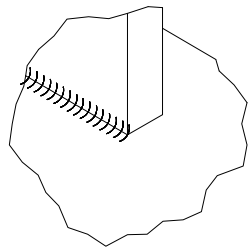
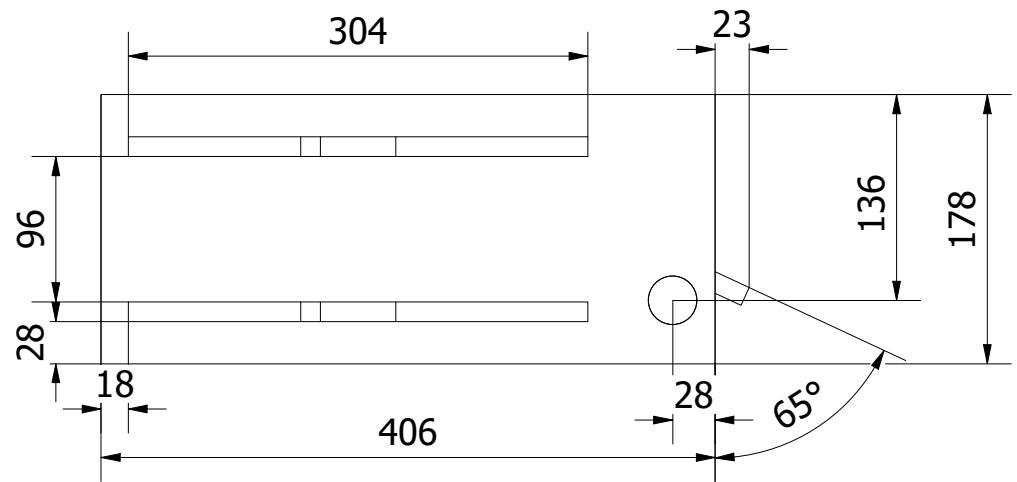
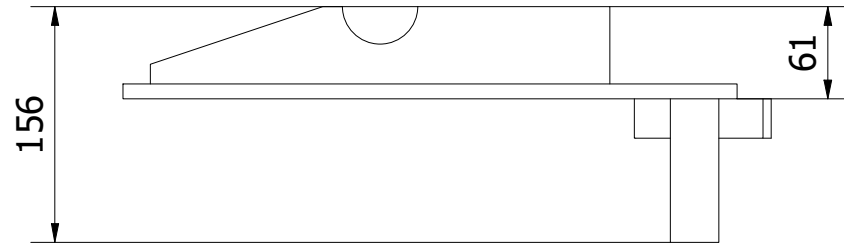
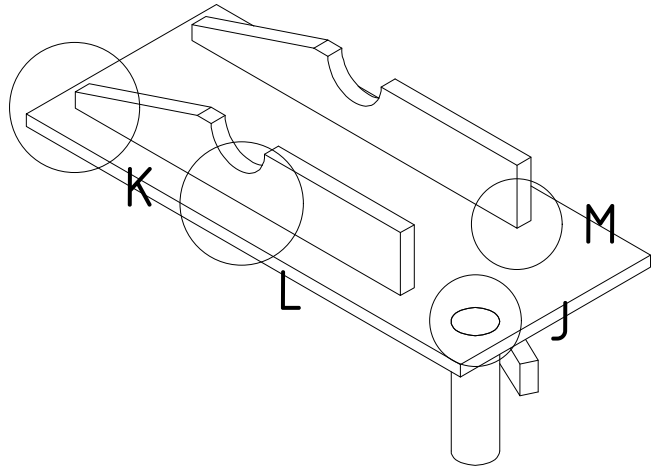
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Support structure 1		FILE NAME support structure 1.ipt			POS 1.8
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 2/1	SHEET 16 /53	

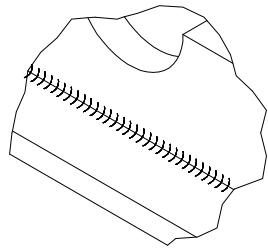


Note: All units in mm.

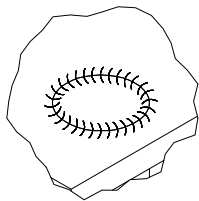
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Bars structure		FILE NAME bars structure.ipt			POS 1.9
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 2	
		LICENCE CC-BY-SA 4.0	SCALE 1/1.5	SHEET 17 /53	



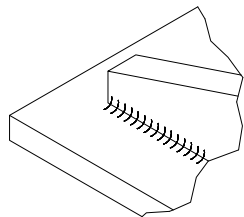
M (0.50 : 1)



L (0.40 : 1)

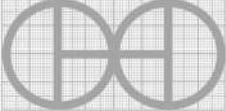


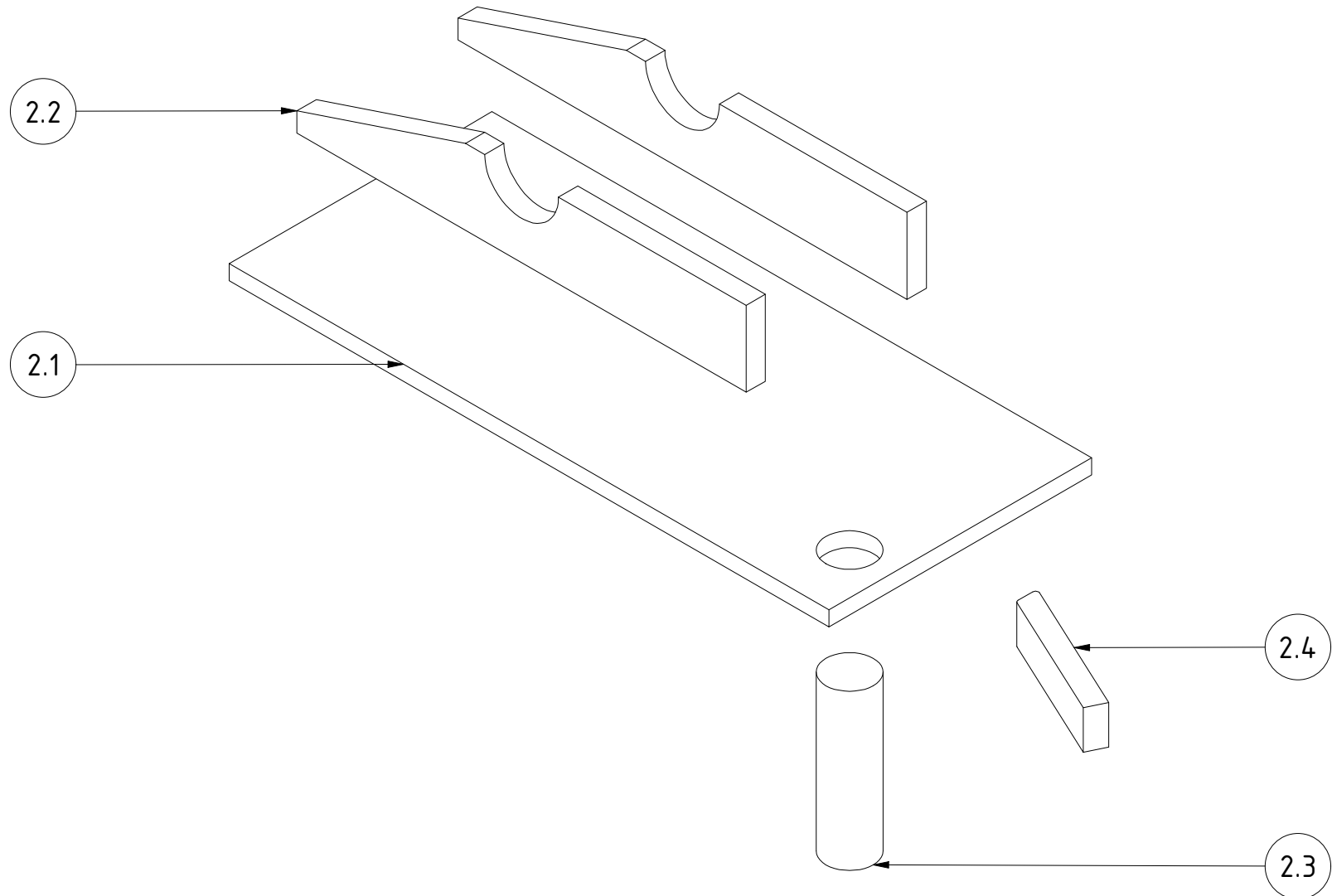
J (0.40 : 1)

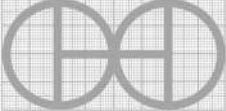


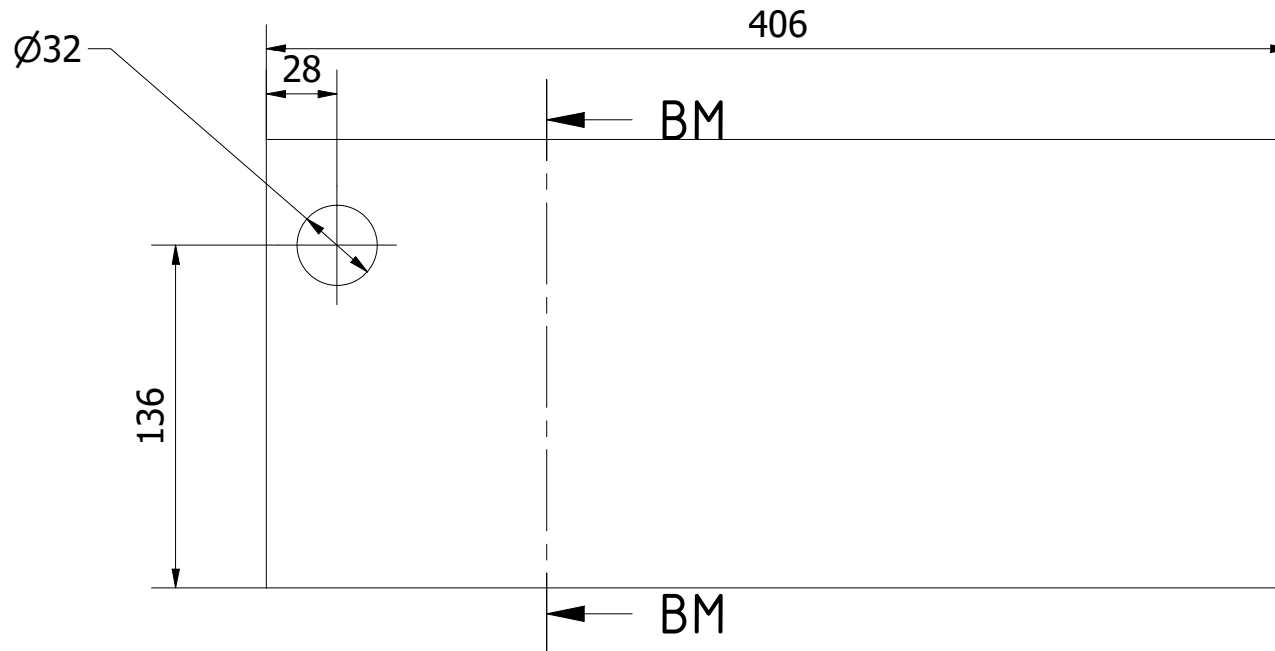
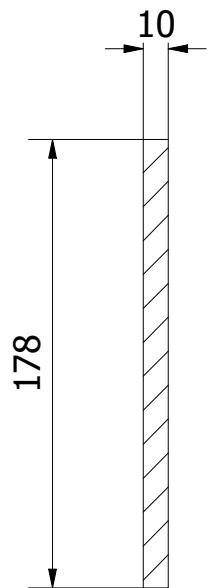
K (0.40 : 1)

Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Top assembly		FILE NAME Top assembly.iam			POS 2.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/5	SHEET 18 /53	




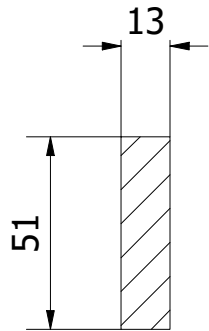
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Top assembly		FILE NAME Top assembly.ipn			POS 2.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropiada		REDESIGNED BY  OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/3	SHEET 19 /53



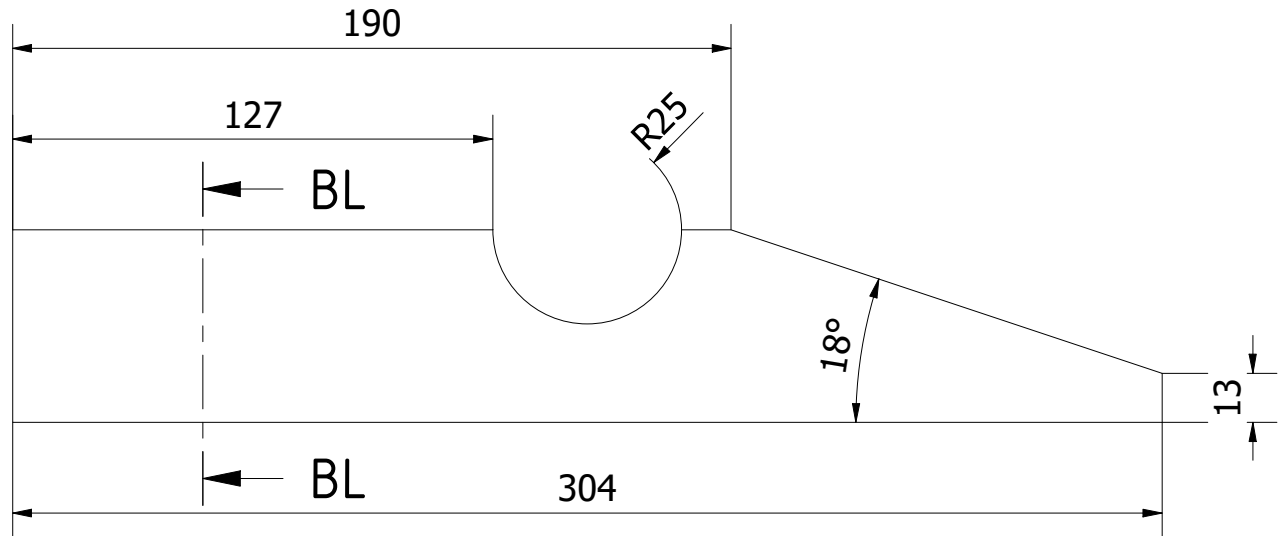
BM-BM (1 : 3)

Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Top		FILE NAME top.ipt			POS 2.1
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/3	SHEET 20 /53	

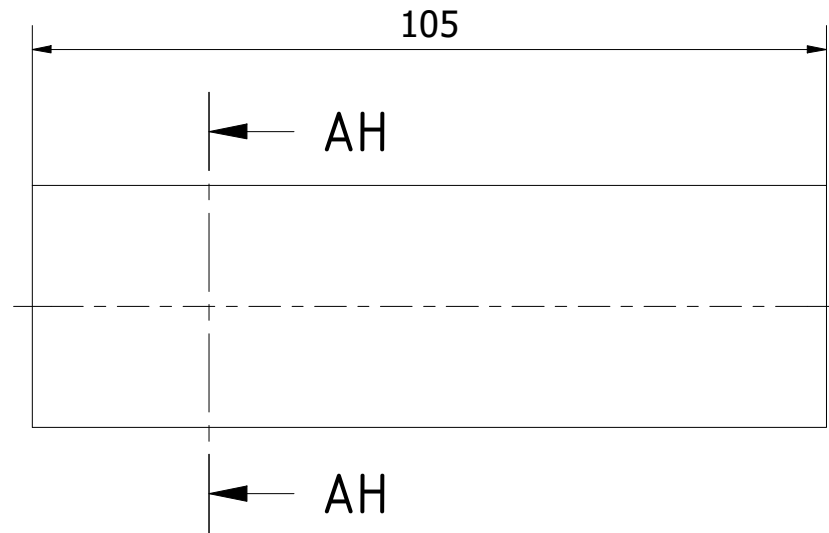
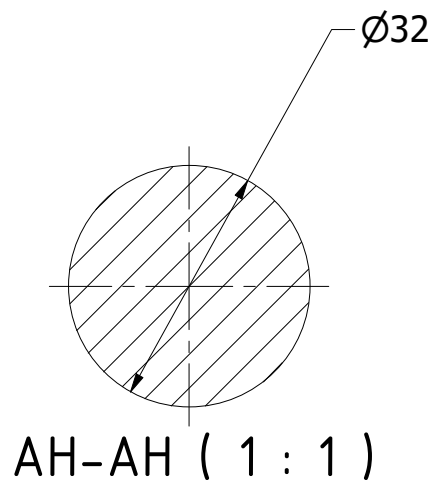


BL-BL (1 : 2)




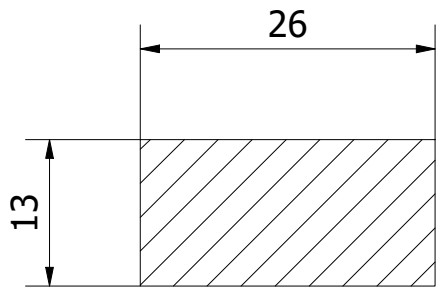
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Top support		FILE NAME Top support.ipt			POS 2.2
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2	
		LICENCE CC-BY-SA 4.0	SCALE 1/2	SHEET 21 /53	

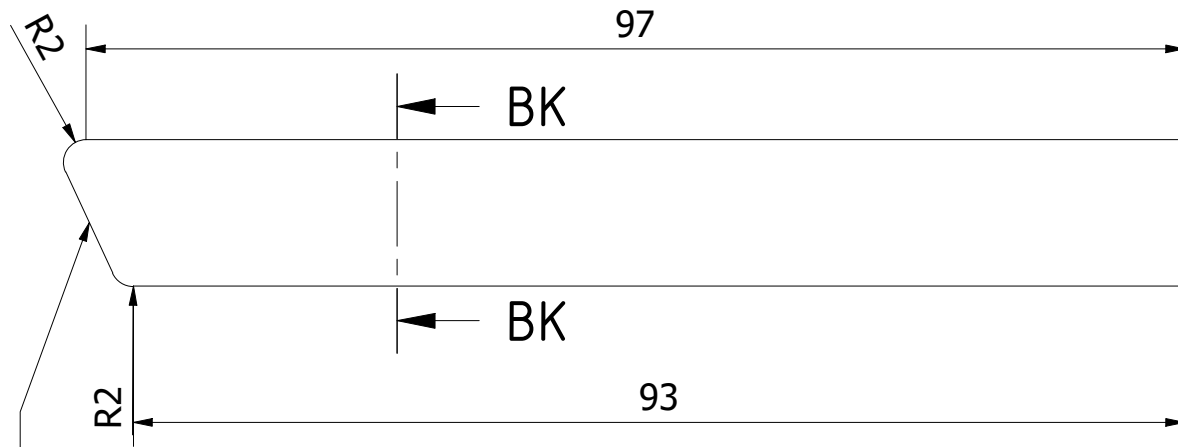


Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME bottom top		FILE NAME bottom top.ipt			POS 2.3
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 22 /53	

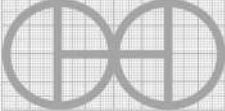


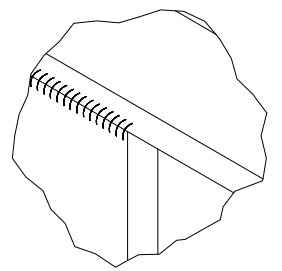
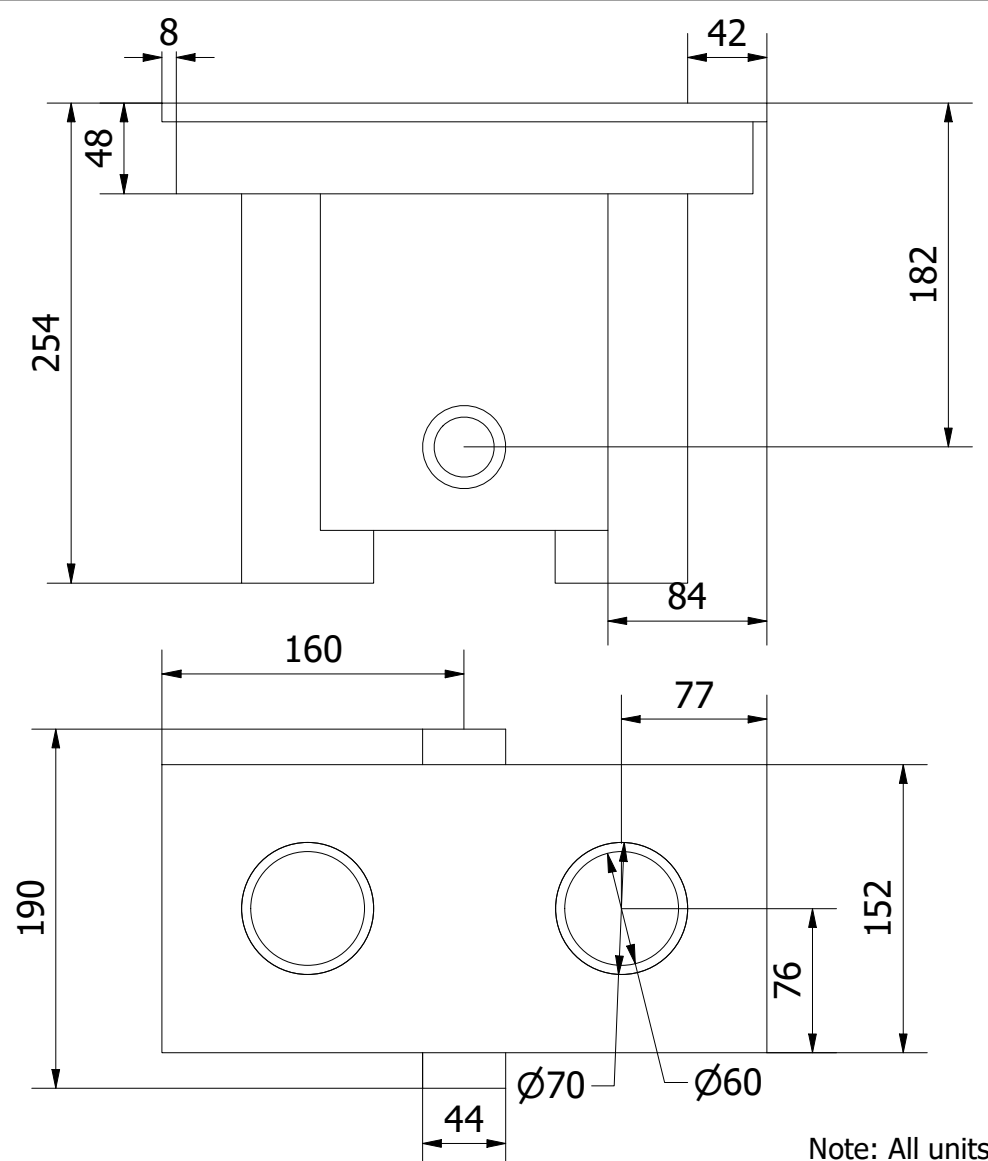
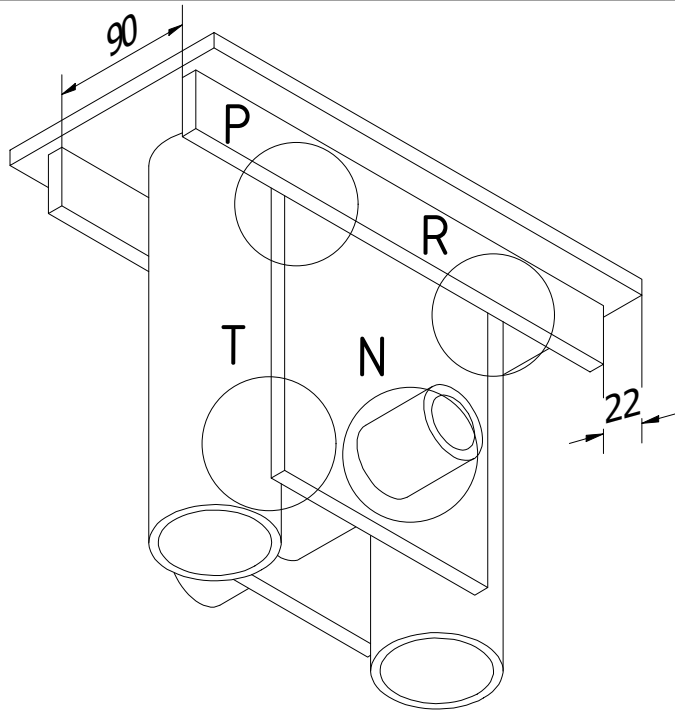
BK-BK (1.50 : 1)



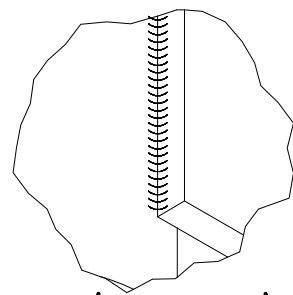
4 X 65° Chamfer

Note: All units in mm.

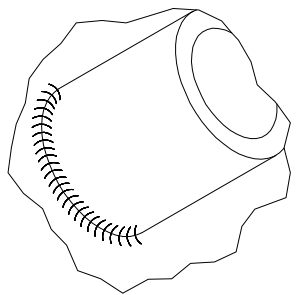
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Bottom top 1		FILE NAME bottom top 1.ipt			POS 2.4
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada		REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2
			LICENCE CC-BY-SA 4.0	SCALE 1.5/1	SHEET 23 /53



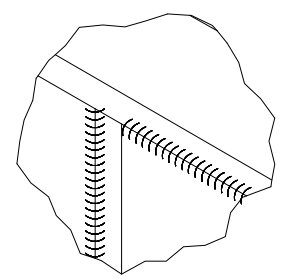
R (1 : 2)



T (1 : 2)

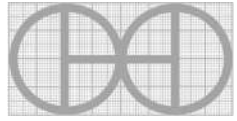


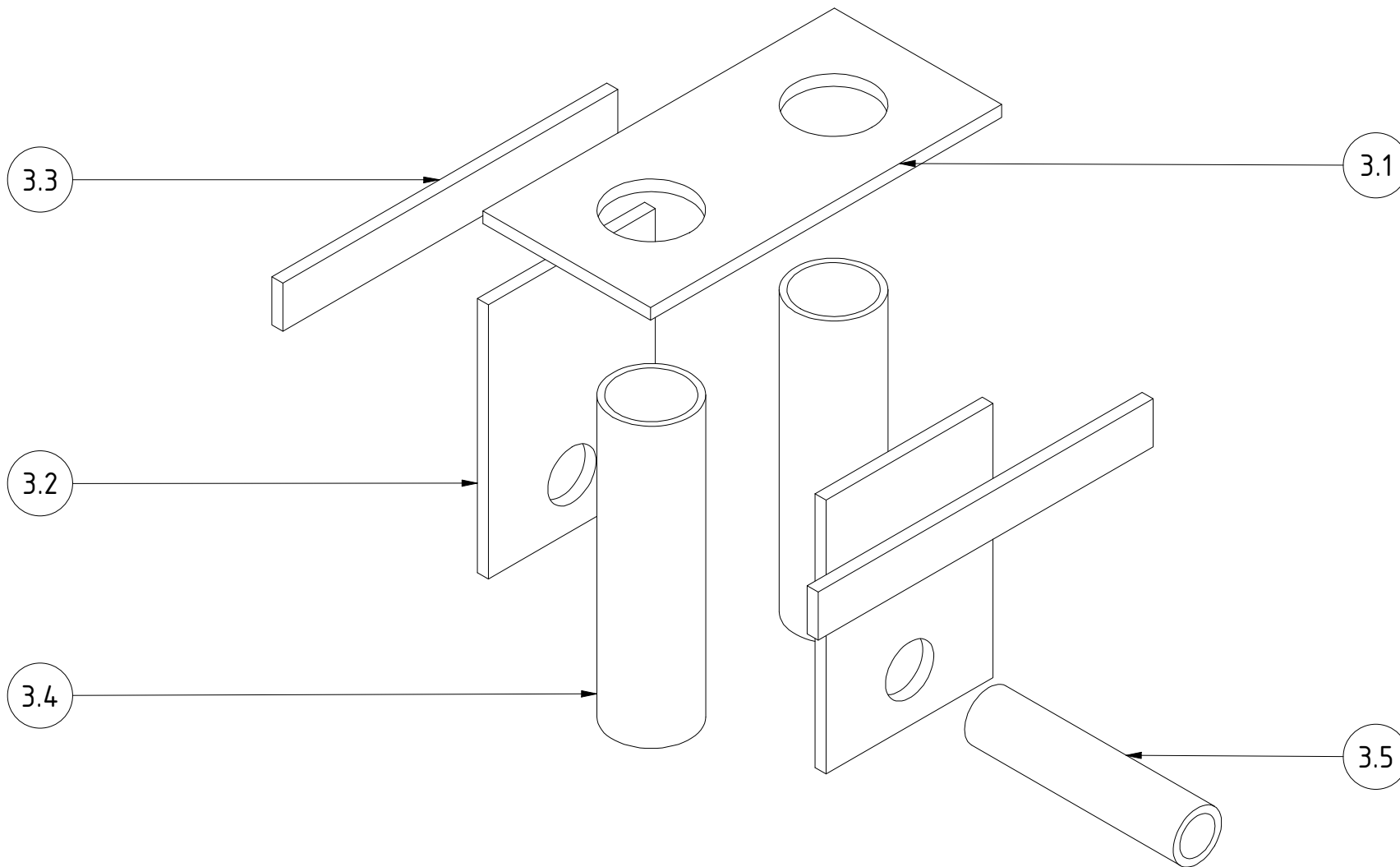
N (1 : 2)




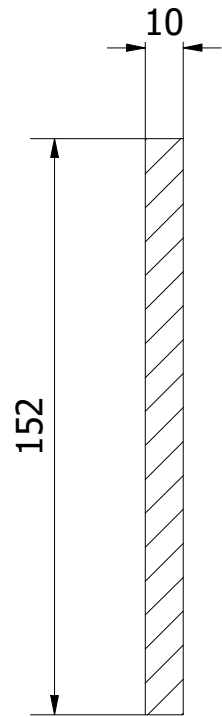
P (1 : 2)

Note: All units in mm.

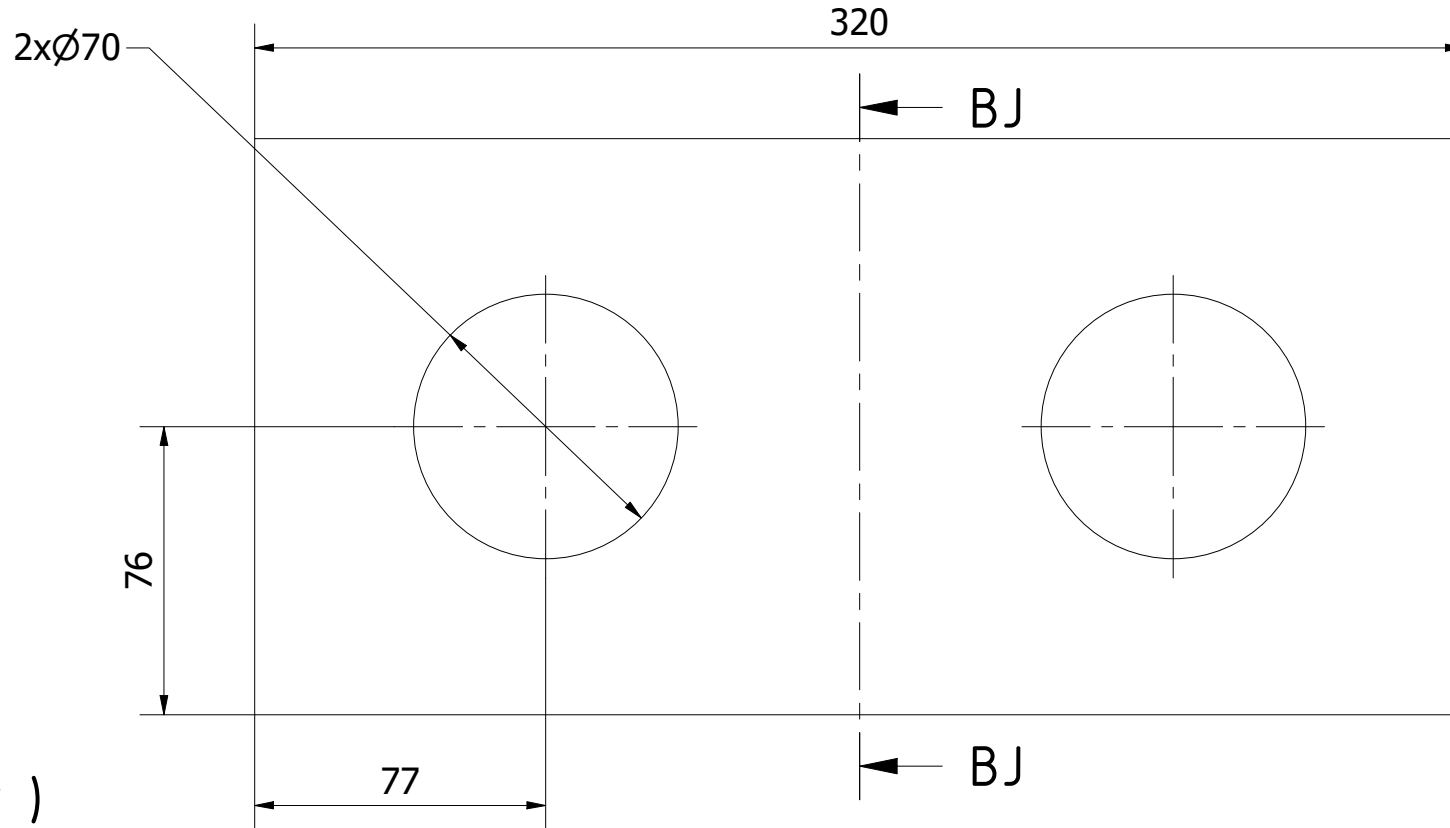
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano		APPROVED BY A. Morillo		DATE 28/07/2021		VERSION 1.1		
PART NAME Piston assembly		FILE NAME Piston assembly.iam								POS 3.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada		REDESIGNED BY OHO e.V.		DOC. TYPE Assembly		MATERIAL		QUANTITY 1		
				LICENCE CC-BY-SA 4.0		SCALE 1/4		SHEET 24 /53		



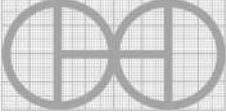
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Piston assembly		FILE NAME Piston assembly.ipn			POS 3.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropiada		REDESIGNED BY  OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/4	SHEET 25 /53

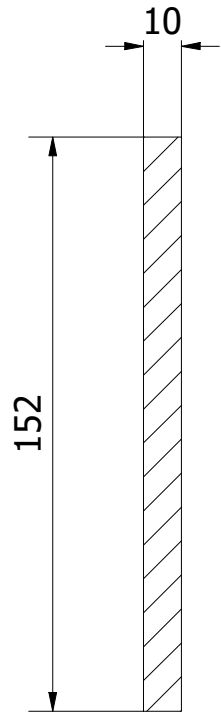


BJ-BJ (1 : 2)

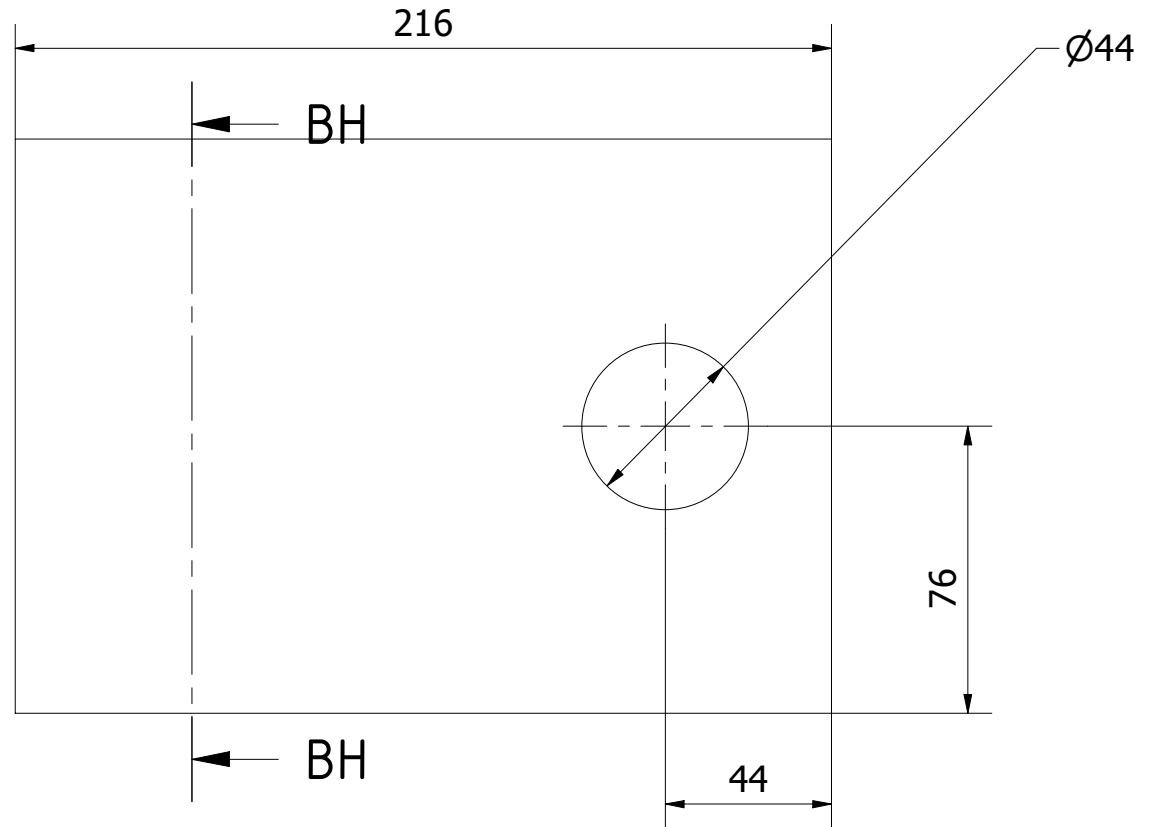


Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Piston top		FILE NAME Piston top.ipt			POS 3.1
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/2	SHEET 26 /53	

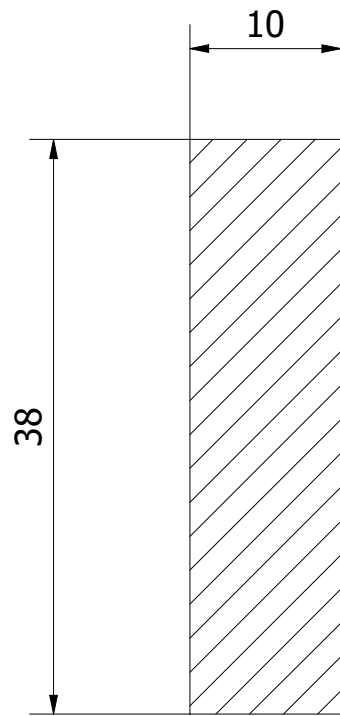


BH-BH (1 : 2)

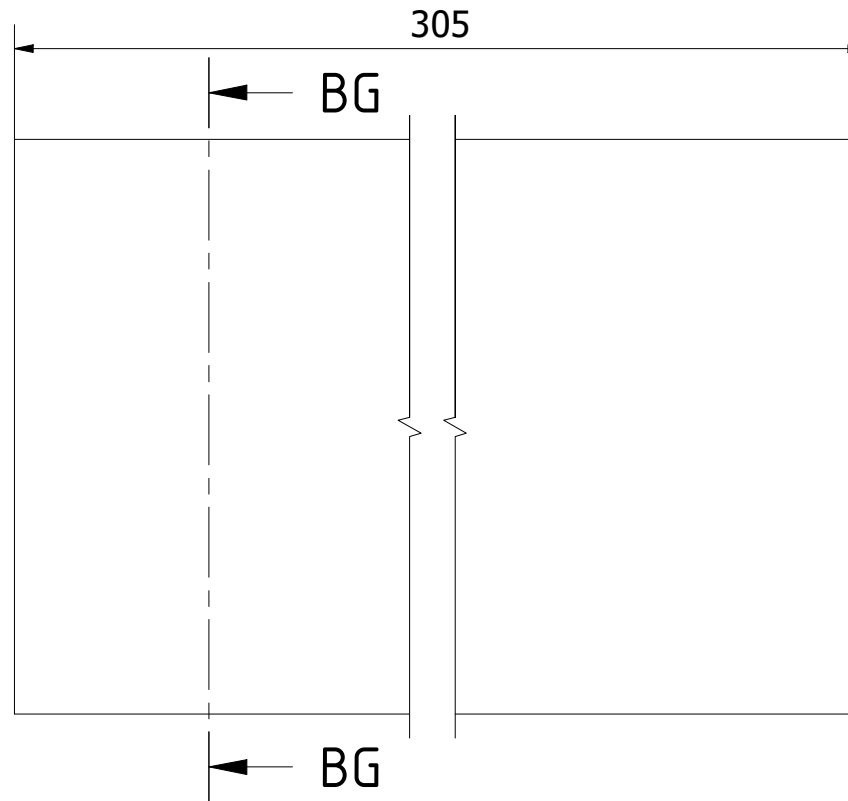


Note: All units in mm.

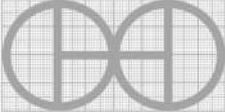
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Piston caps		FILE NAME piston caps.ipt			POS 3.2
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2	
		LICENCE CC-BY-SA 4.0	SCALE 1/2	SHEET 27 /53	

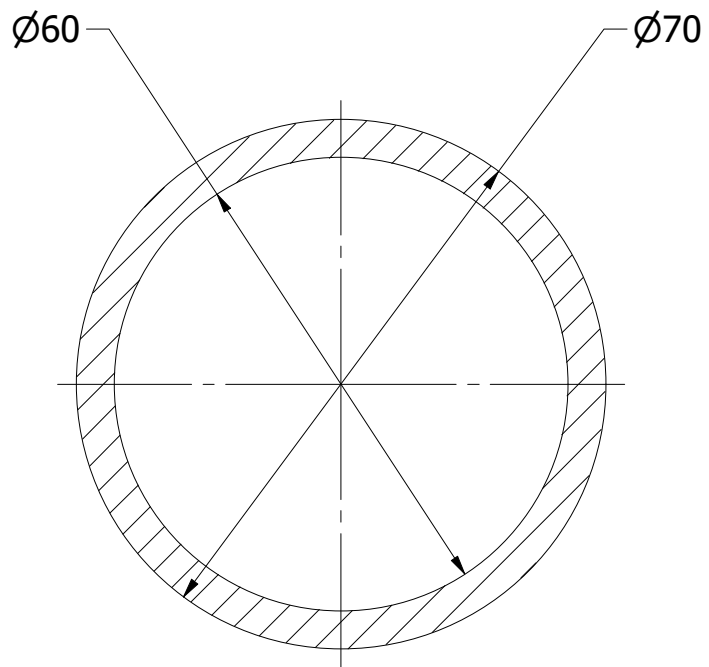


BG-BG (2/1)

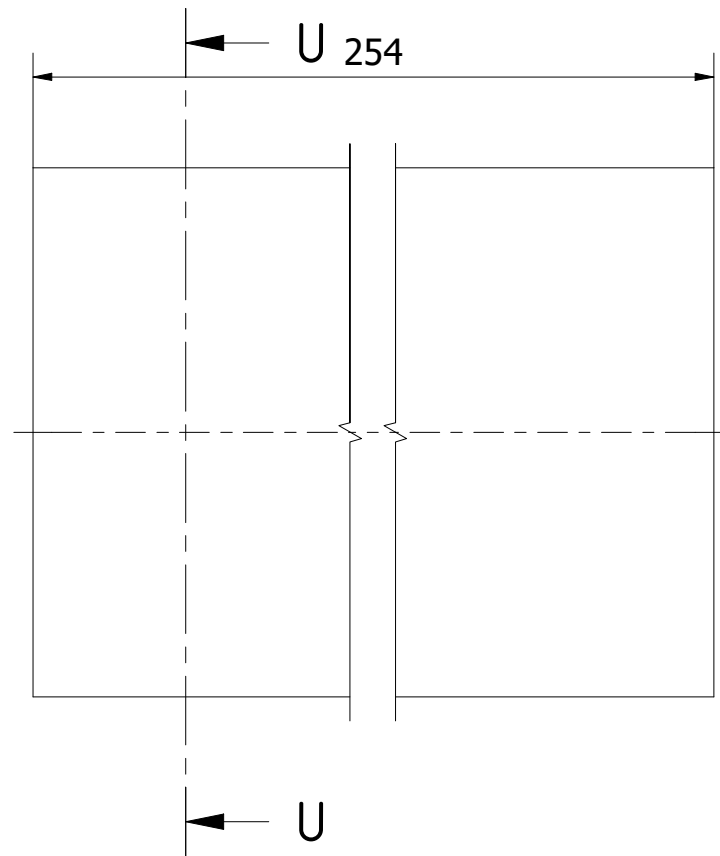


Note: All units in mm.

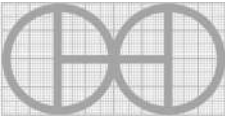
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Piston caps 1		FILE NAME piston caps 1.ipt			POS 3.3
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2
			LICENCE CC-BY-SA 4.0	SCALE 2/1	SHEET 28 /53

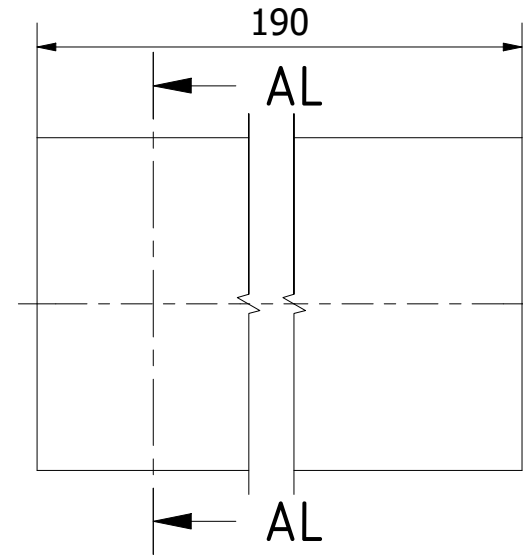
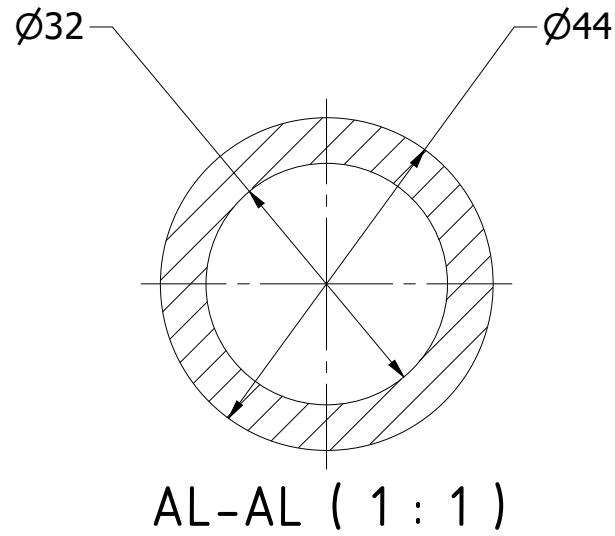


U-U (1 : 1)

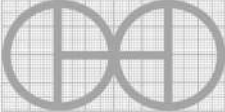


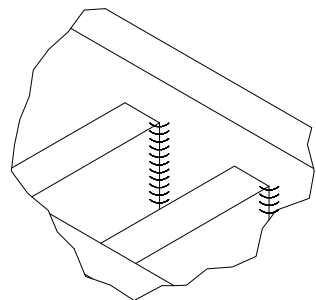
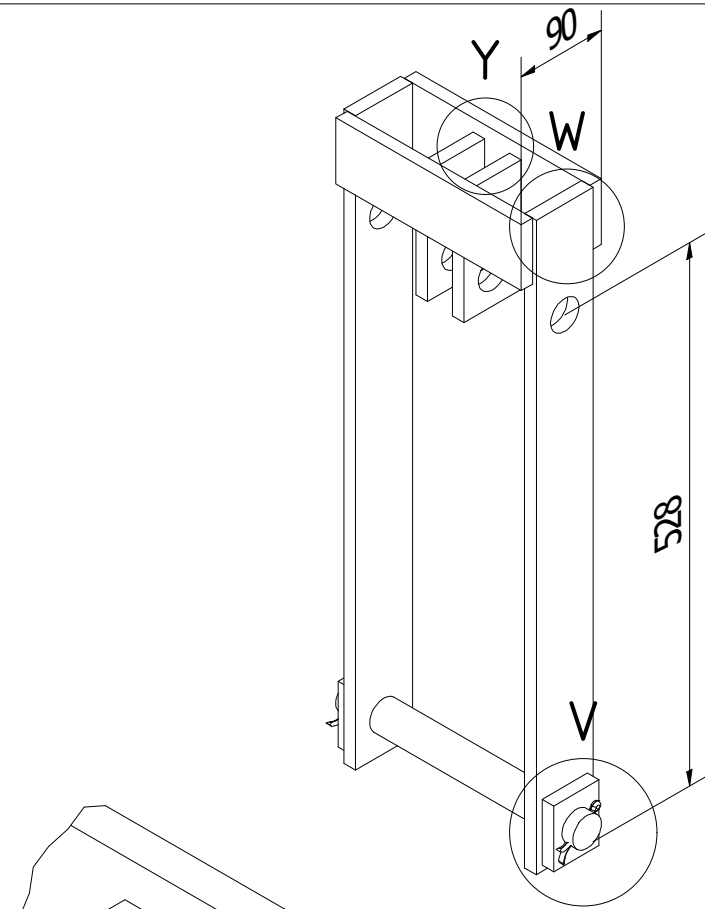
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Piston rod		FILE NAME piston rod.ipt			POS 3.4
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	SCALE 1/1	QUANTITY 2 SHEET 29 /53
					
		CC-BY-SA 4.0			

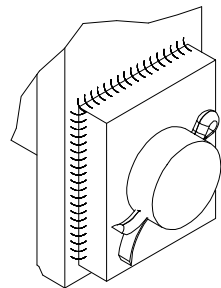


Note: All units in mm.

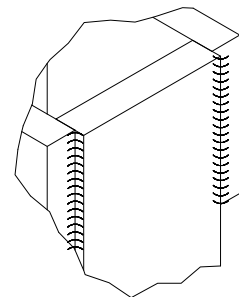
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Piston rod 1		FILE NAME piston rod 1.ipt			POS 3.5
DEVELOPED BY Centro de Experimentación en Tecnología Apropiada		REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 30 /53



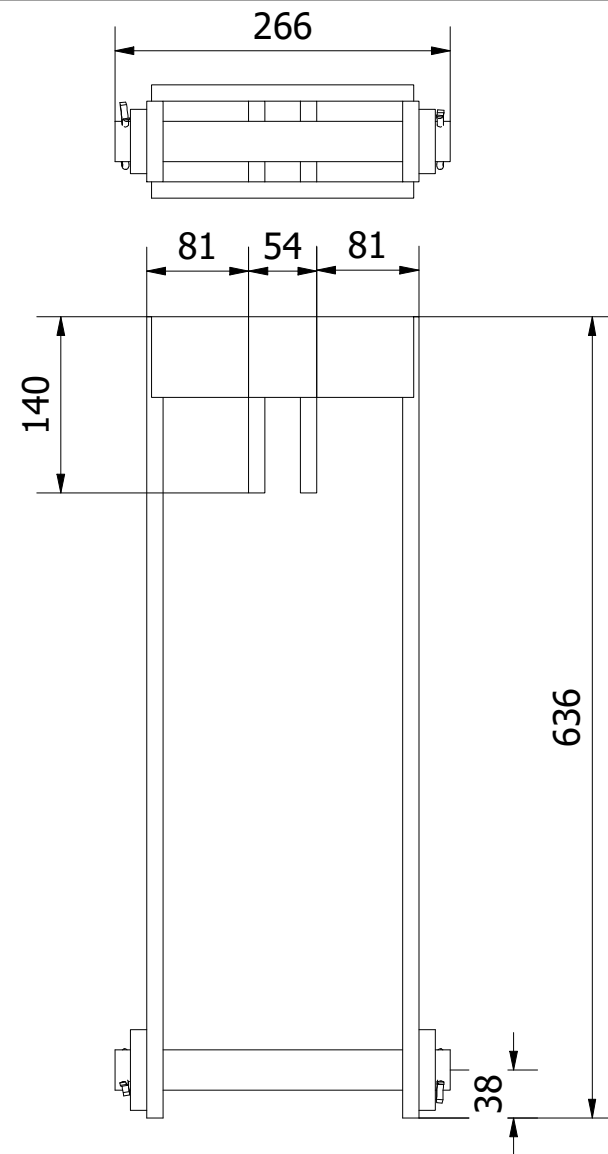
Y (1 : 2)



V (1 : 2.5)

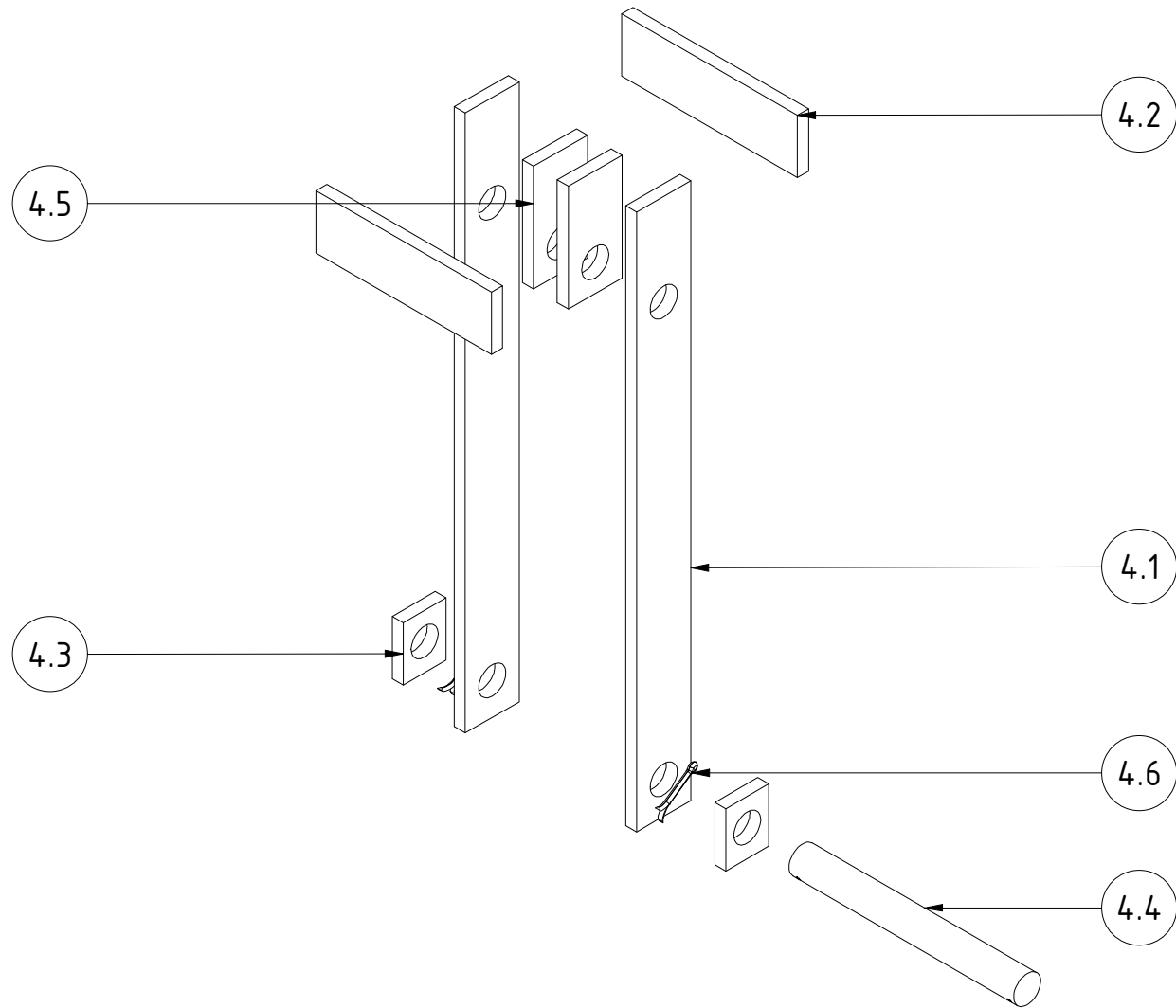


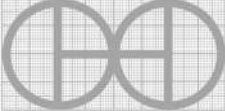
W (1 : 2.5)

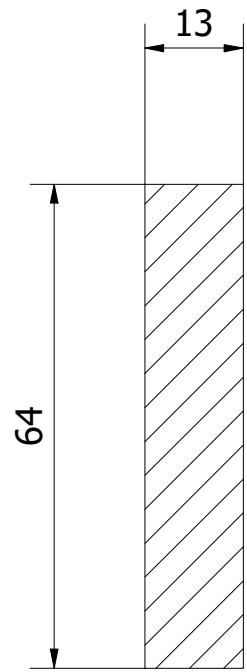


Note: All units in mm.

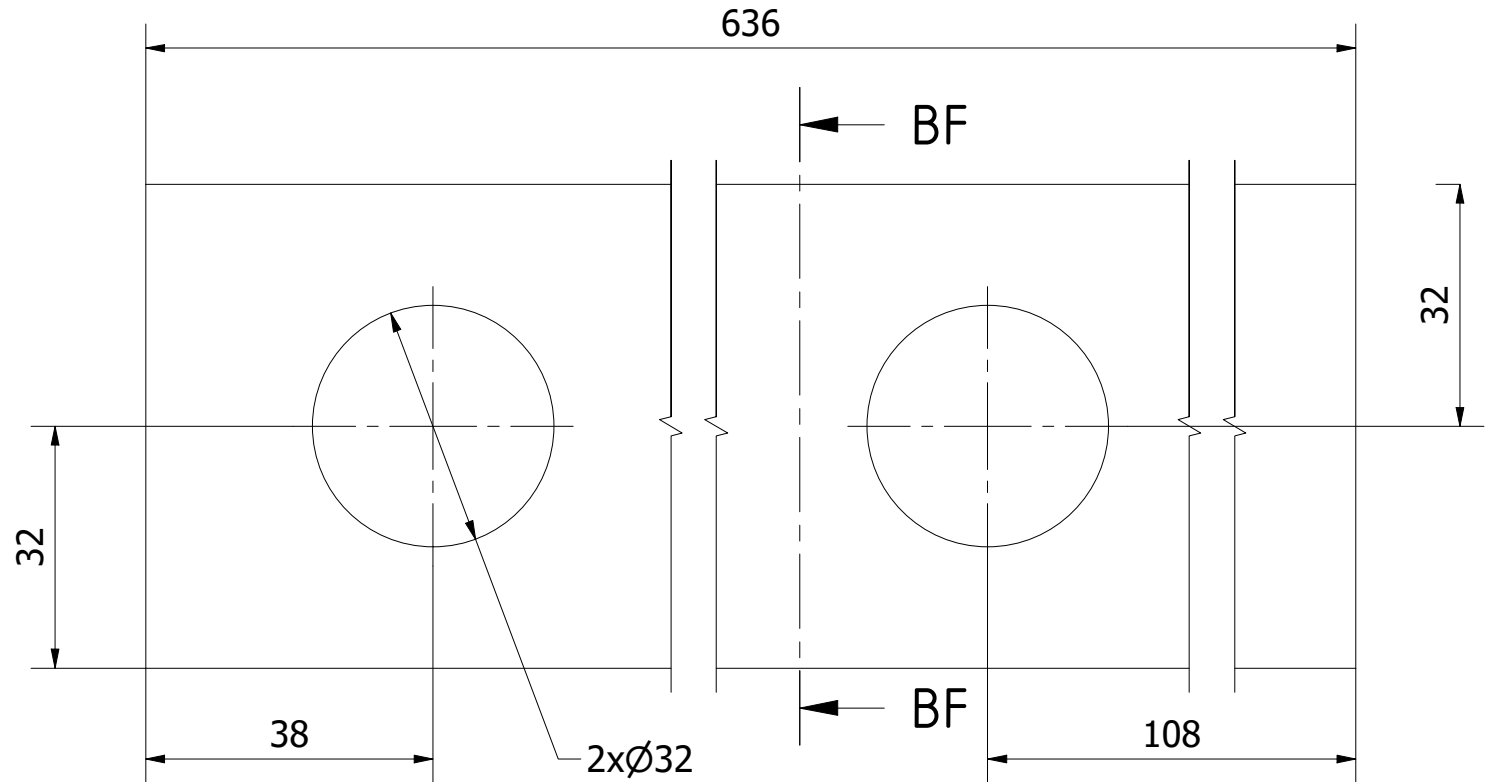
PROJECT Brick Making Machine CETA-RAM - for soil bricks	CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Support assembly	FILE NAME Support assembly.iam			POS 4.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada	REDESIGNED BY OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1
		LICENCE CC-BY-SA 4.0	SCALE 1/6	SHEET 31 /53



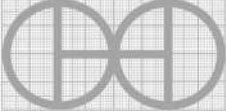
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Support assembly		FILE NAME Support assembly.ipn			POS 4.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada	REDESIGNED BY  OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/6	SHEET 32 /53	

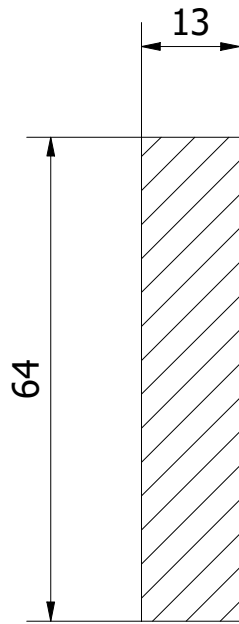


BF-BF (1 : 1)

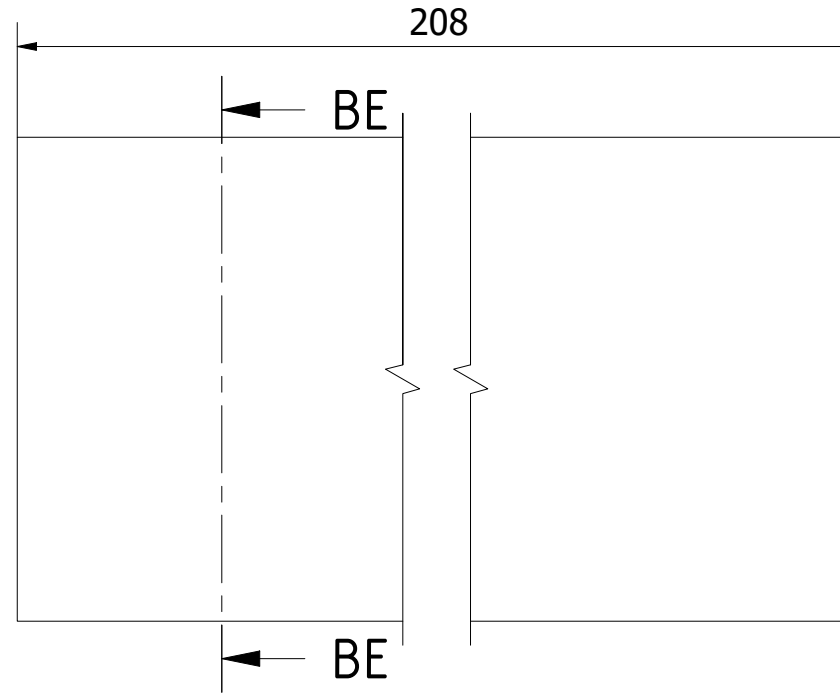


Note: All units in mm.

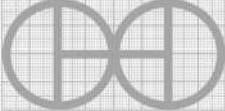
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Support piston		FILE NAME support piston.ipt			POS 4.1
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2	
		LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 33 /53	

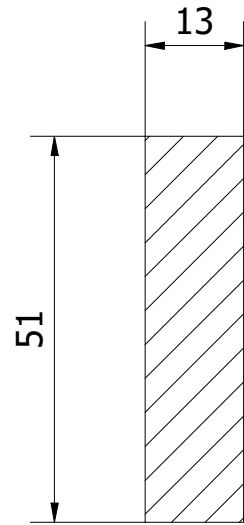


BE-BE (1 : 1)

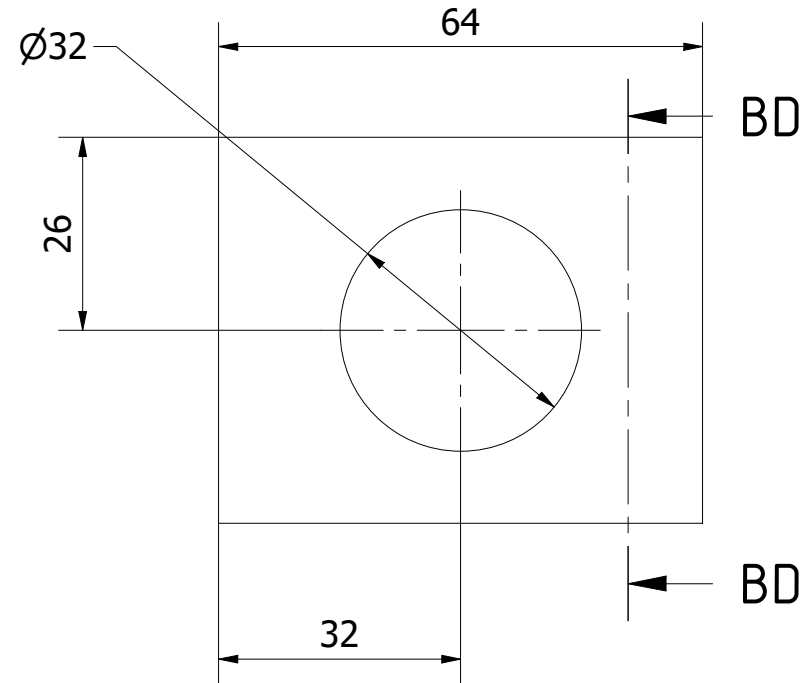


Note: All units in mm.

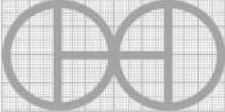
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Support piston 1		FILE NAME support piston 1.ipt			POS 4.2
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2	
		LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 34 /53	

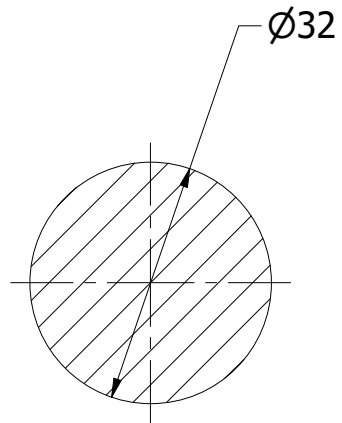


BD-BD (1 : 1)

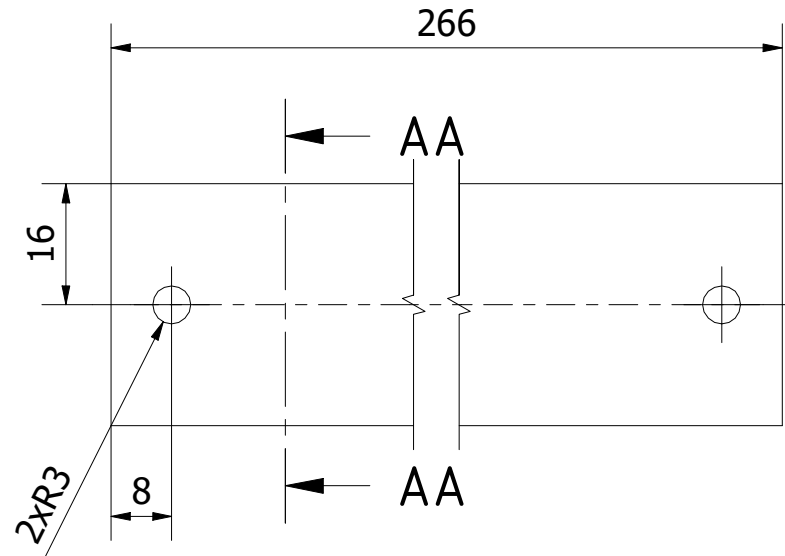


Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Bar support		FILE NAME bar support.ipt			POS 4.3
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2	
		LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 35 /53	

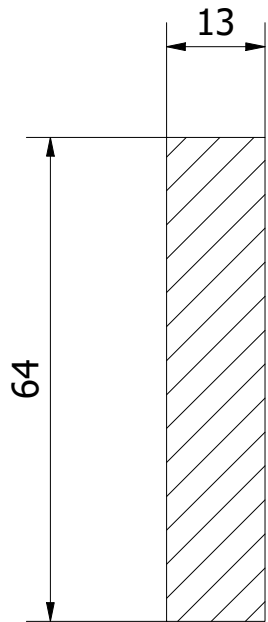


AA-AA (1 : 1)

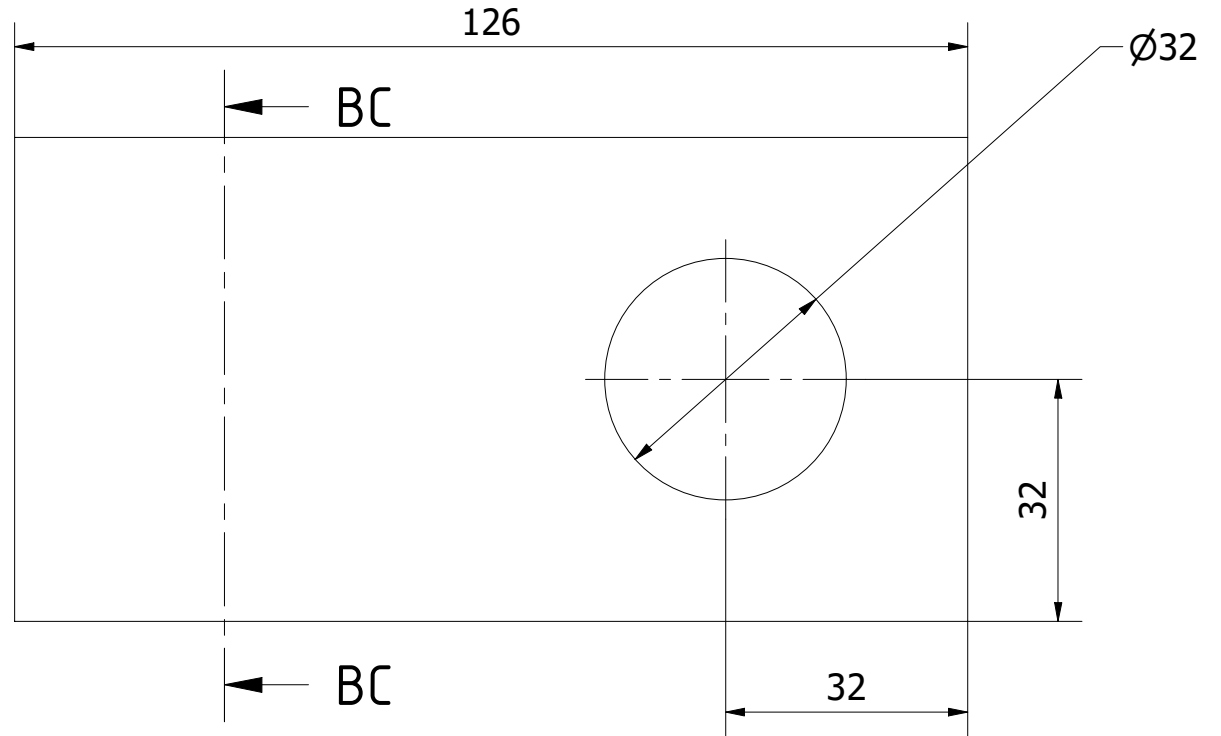


Note: All units in mm.

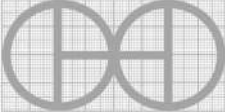
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Axis support		FILE NAME axis support.ipt			POS 4.4
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 36 /53	

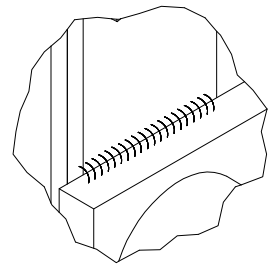
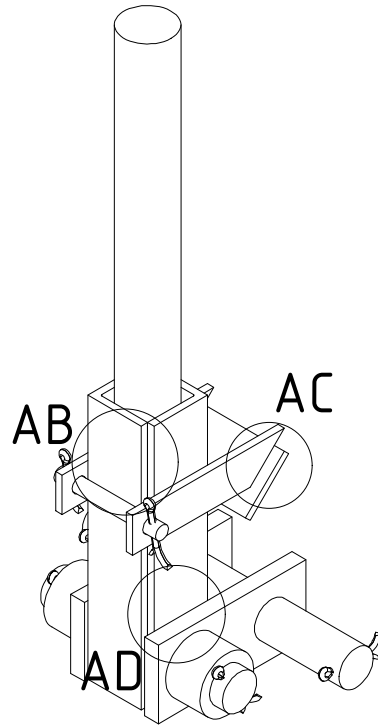


BC-BC (1 : 1)

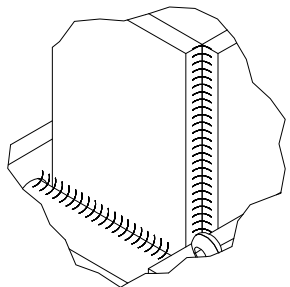


Note: All units in mm.

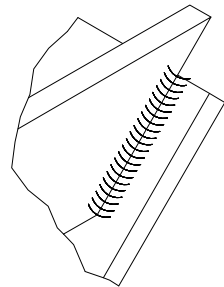
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Internal support		FILE NAME internal support.ipt			POS 4.5
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	LICENCE CC-BY-SA 4.0	QUANTITY 2
		SCALE 1/1		SHEET 37 /53	



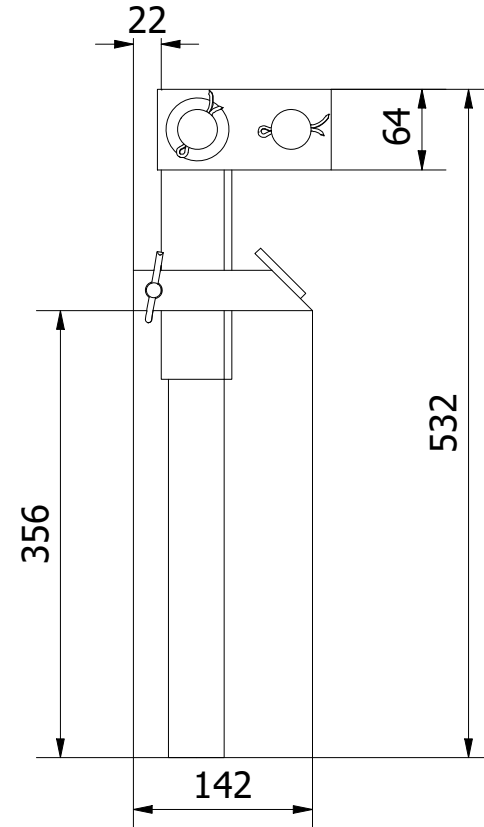
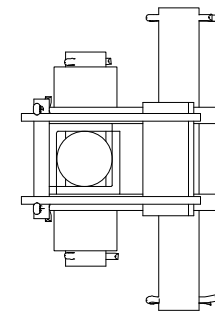
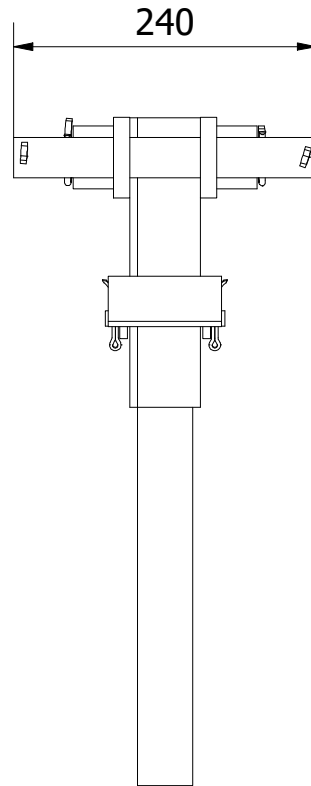
AD (1 : 2)



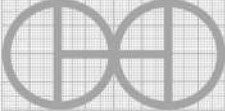
AB (1 : 2)

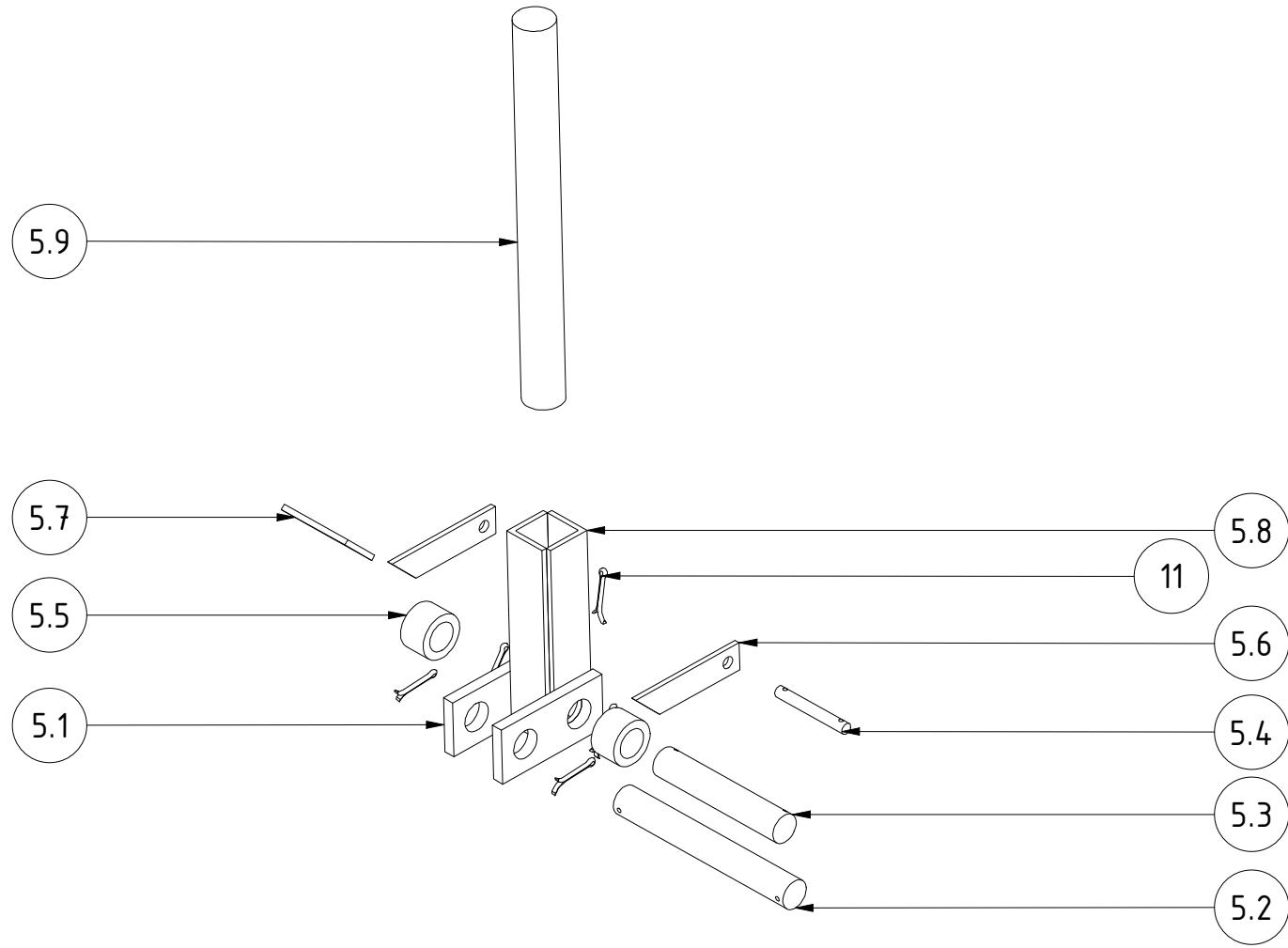


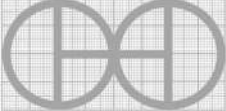
AC (1 : 1.5)

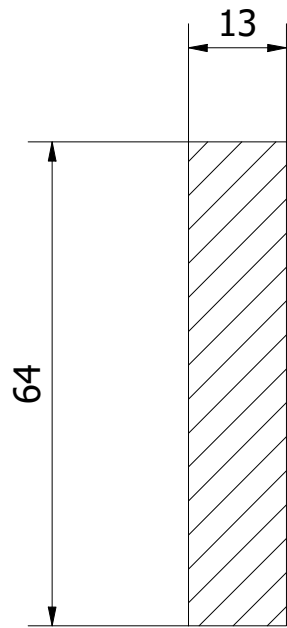


Note: All units in mm.

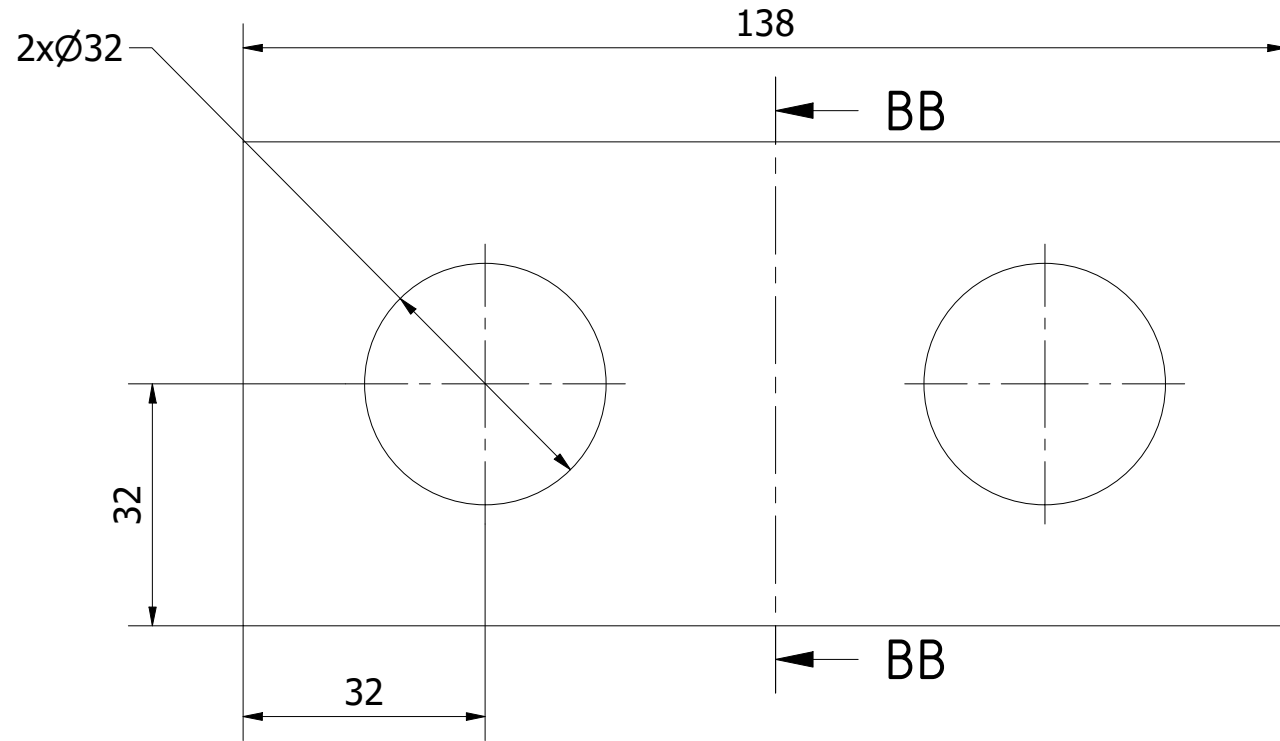
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano		APPROVED BY A. Morillo		DATE 28/07/2021		VERSION 1.1	
PART NAME Lever		FILE NAME Lever.iam						POS 5.0	
DEVELOPED BY Centro de Experimentación en Tecnología Apropiada		REDESIGNED BY OHO e.V.		DOC. TYPE Assembly		MATERIAL		QUANTITY 1	
				LICENCE CC-BY-SA 4.0		SCALE 1/6		SHEET 38 /53	




PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Lever		FILE NAME Lever.ipn			POS 5.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY  OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/7	SHEET 39 /53

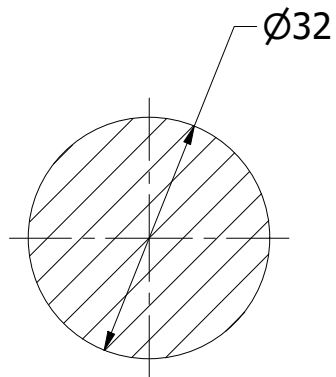


BB-BB (1 : 1)

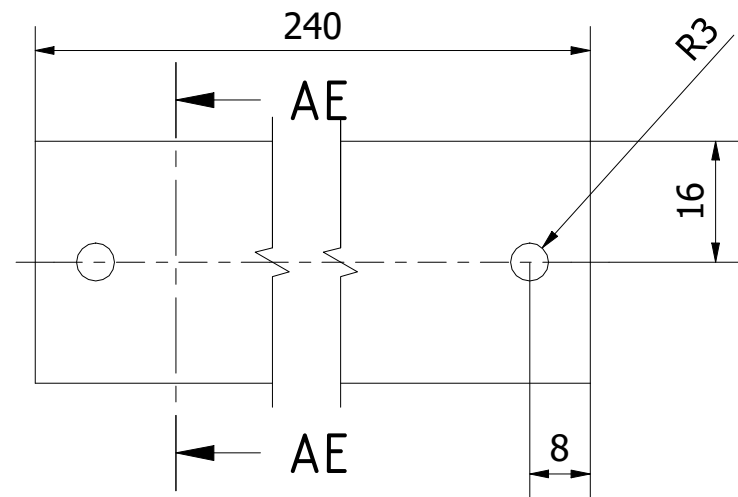


Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Cover bracket		FILE NAME			POS 5.1
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2
			LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 40 /53

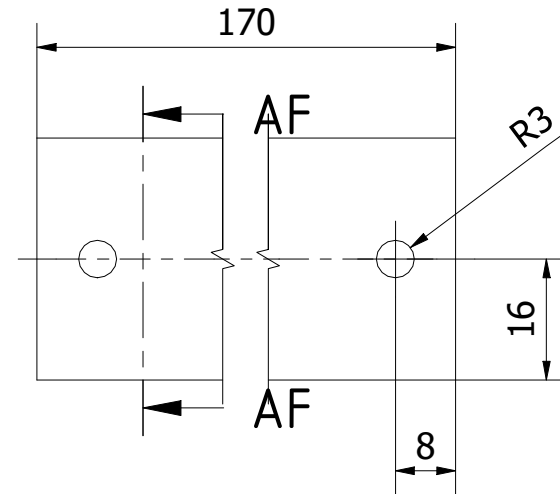
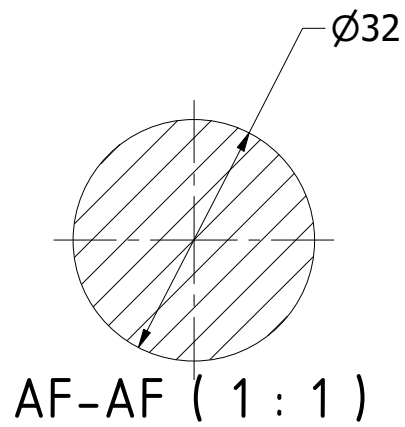


AE-AE (1 : 1)



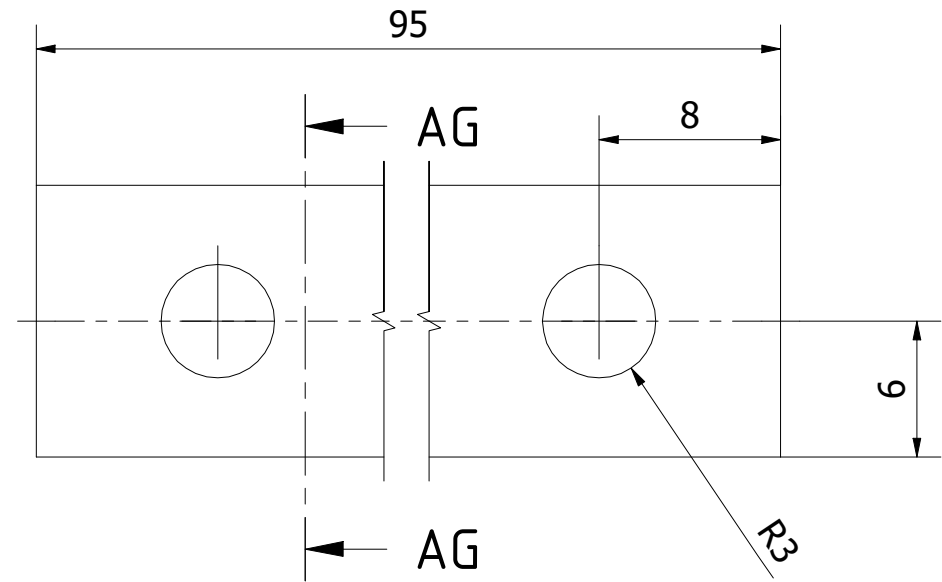
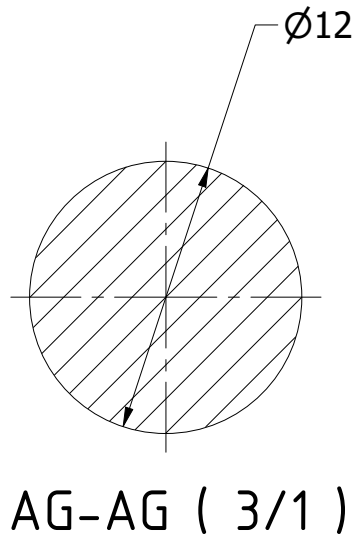
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Barrette		FILE NAME barrette.ipt			POS 5.2
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada	REDESIGNED BY OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 1	SHEET 41 /53
		LICENCE CC-BY-SA 4.0	SCALE 1/1		

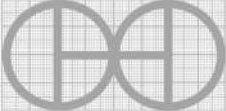


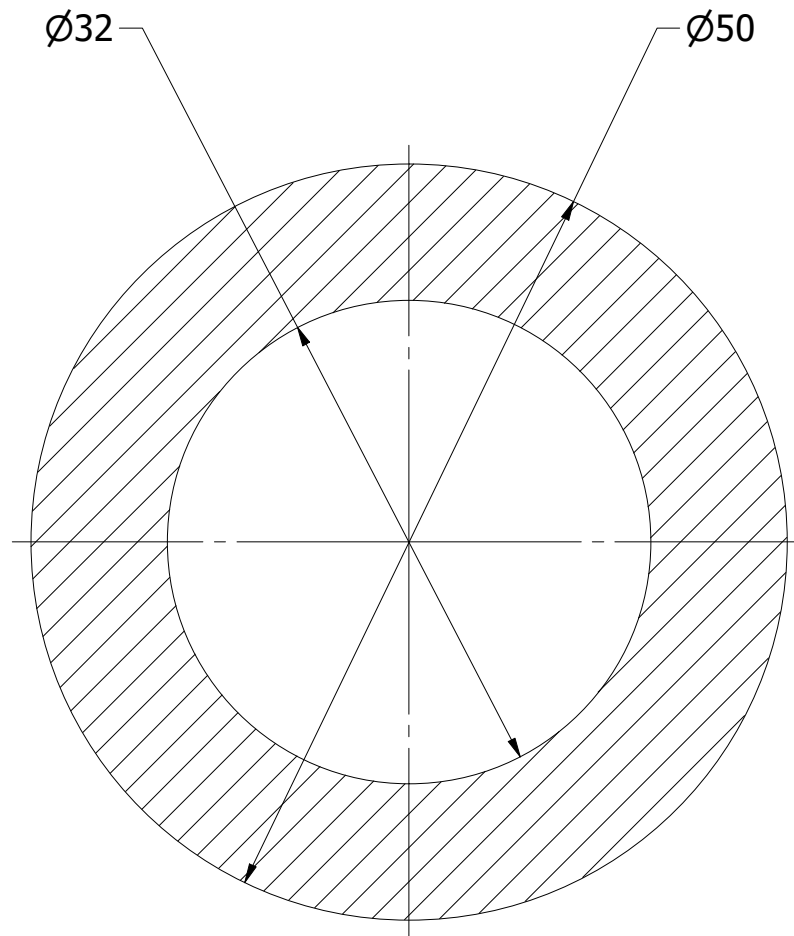
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Barrette 1		FILE NAME barrette 1.ipt			POS 5.3
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada		REDESIGNED BY OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 42 /53

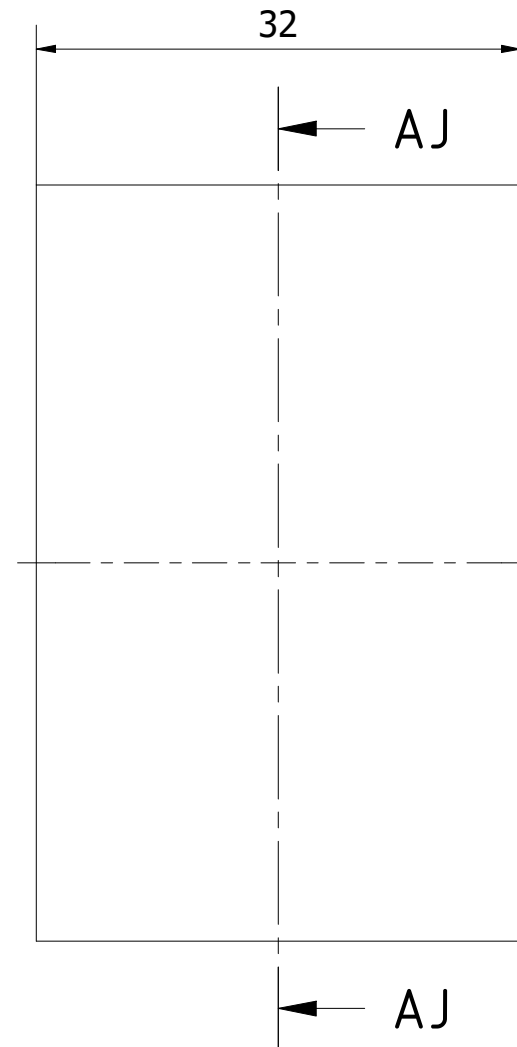


Note: All units in mm.

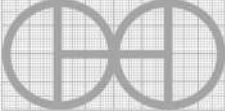
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Barrette 2		FILE NAME barrette 2.ipt			POS 5.4
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 3/1	SHEET 43 /53

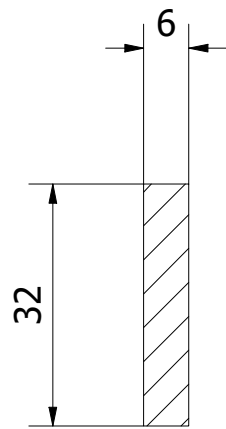


AJ-AJ (2:1)

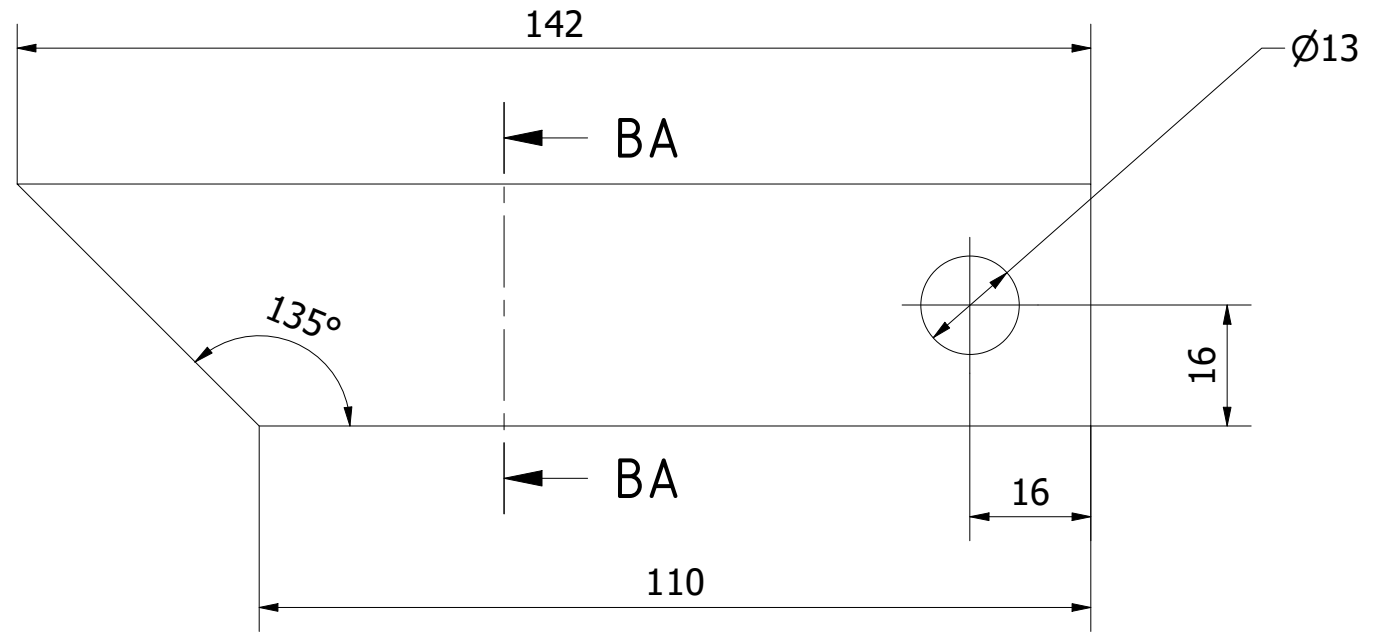


Note: All units in mm.

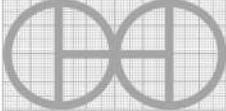
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Support barrette		FILE NAME support barrette.ipt			POS 5.5
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada		REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 2
			LICENCE CC-BY-SA 4.0	SCALE 2/1	SHEET 44 /53

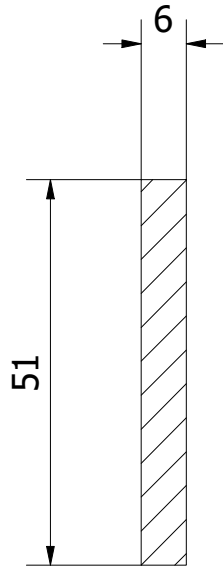


BA-BA (1 : 1)

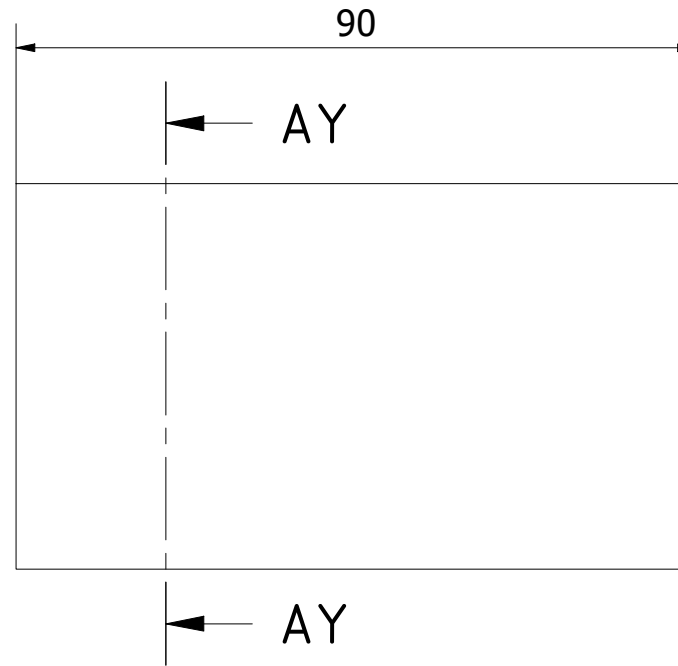


Note: All units in mm.

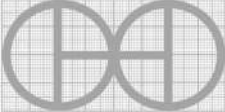
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Side lever		FILE NAME side lever.ipt			POS 5.6
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2
			LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 45 /53

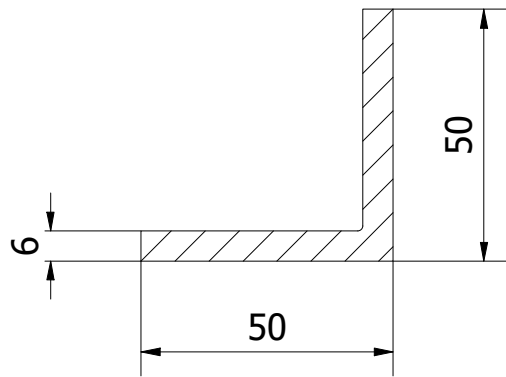


AY-AY (1 : 1)

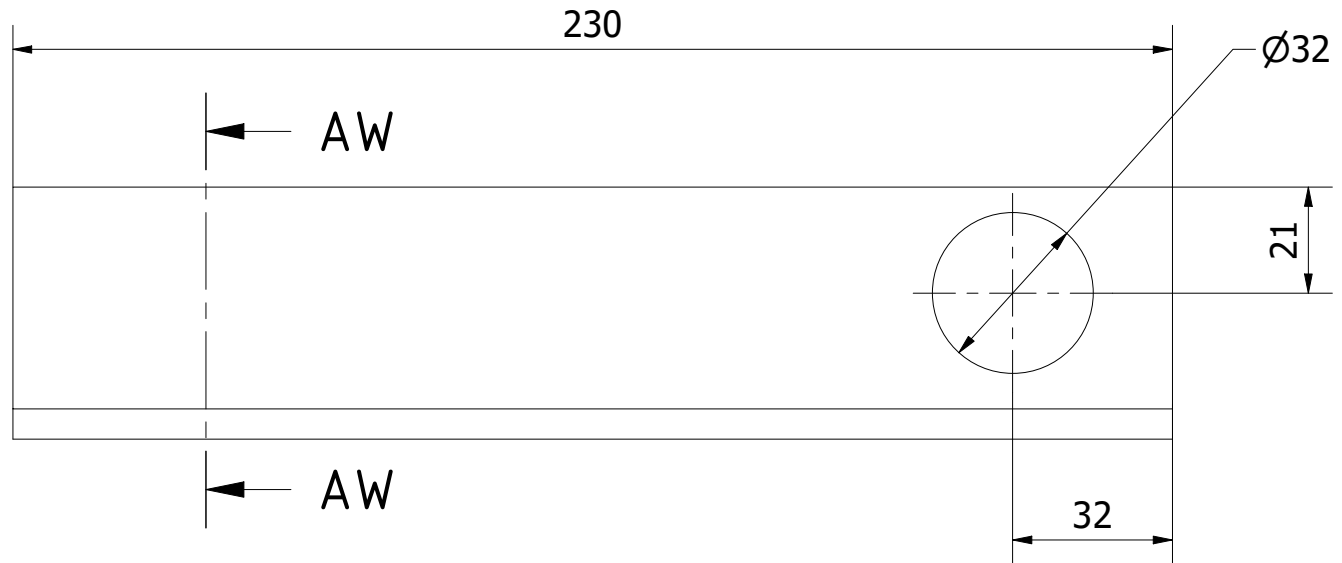


Note: All units in mm.

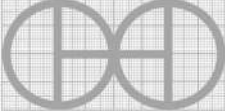
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Side lever 1		FILE NAME side lever 1.ipt			POS 5.7
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 46 /53

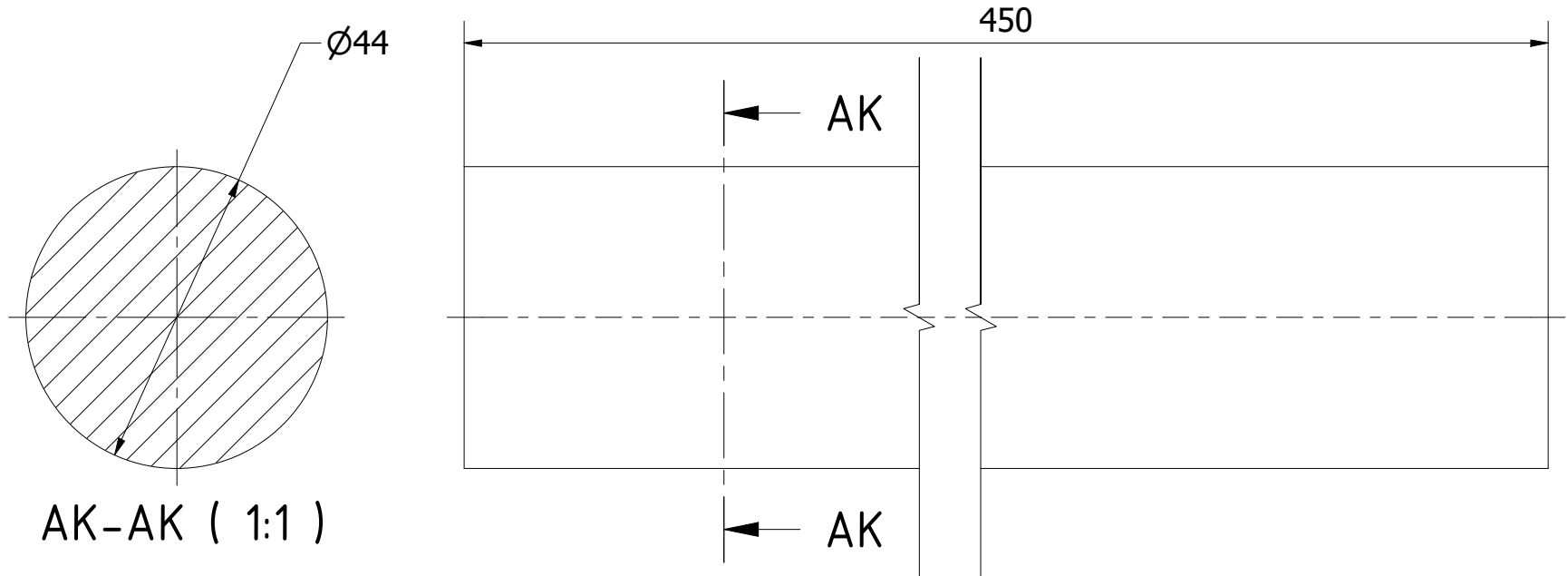


AW-AW (1 : 1.5)

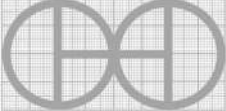


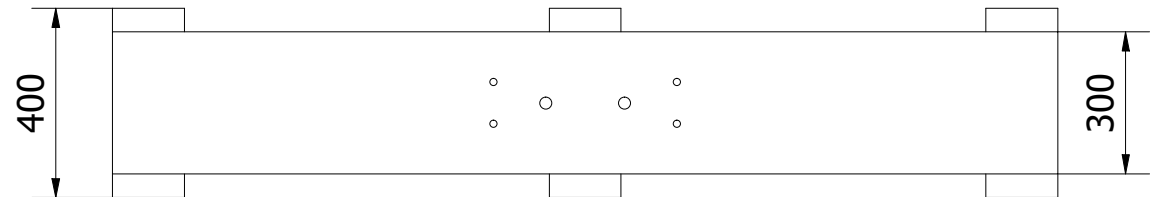
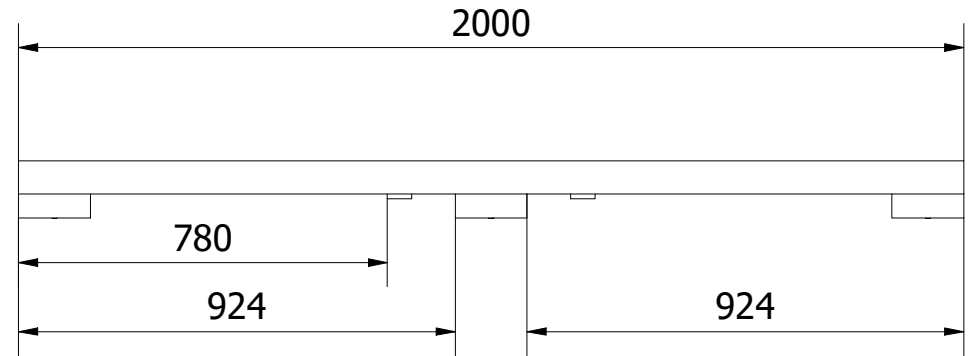
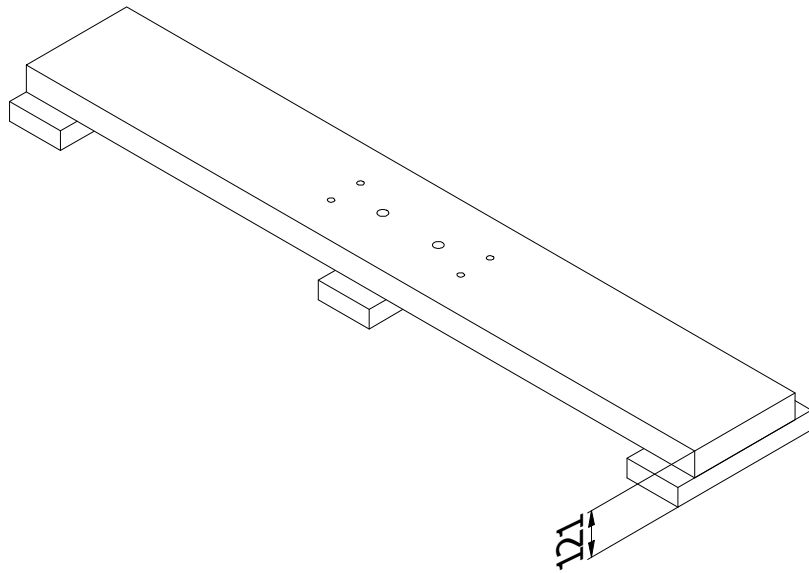
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks	CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Cover lever	FILE NAME cover lever.ipt			POS 5.8
DEVELOPED BY Centro de Experimentación en Tecnología Apropiada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2
		LICENCE CC-BY-SA 4.0	SCALE 1/1.5	SHEET 47 /53

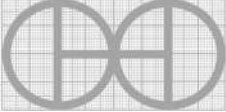


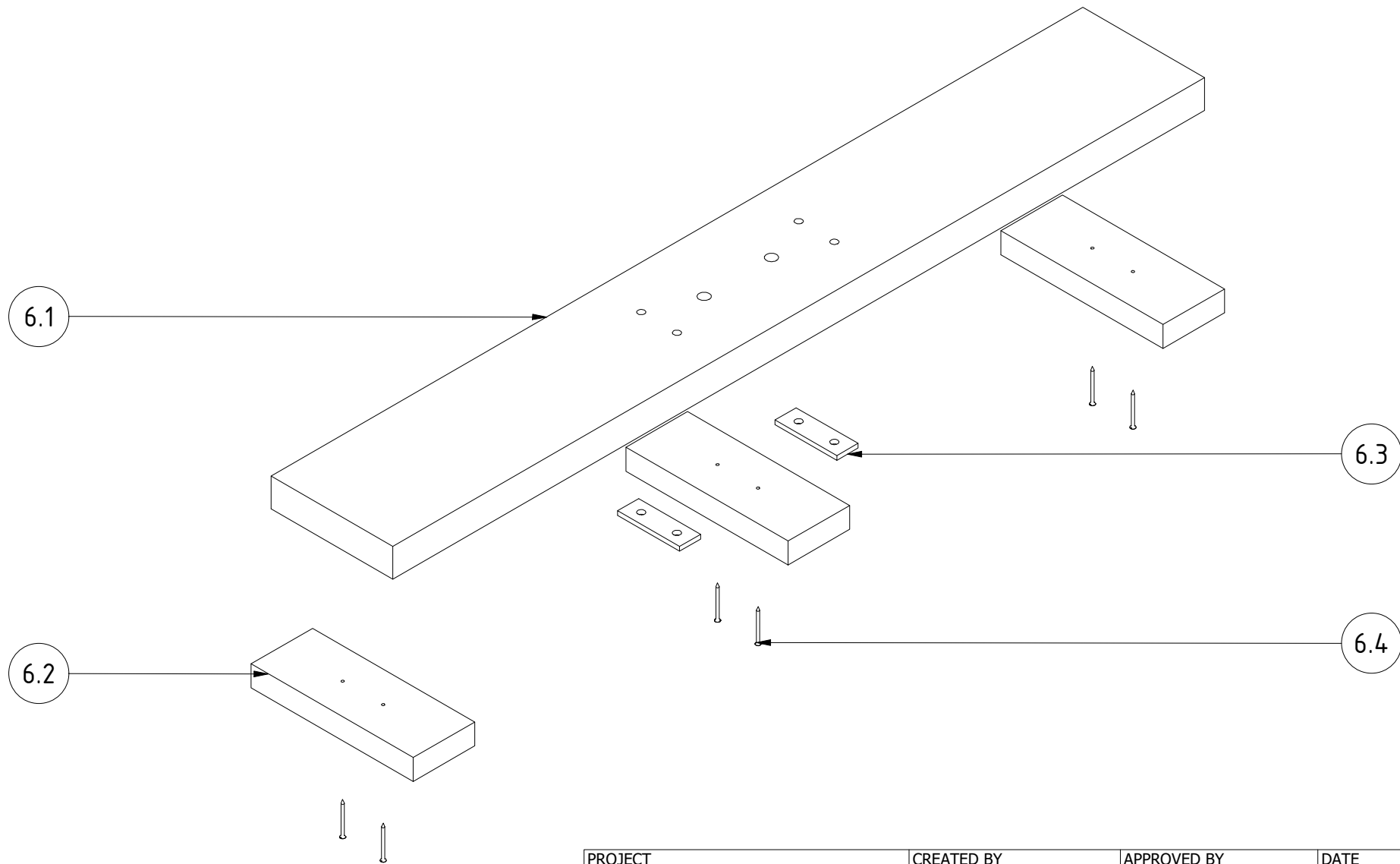
Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Bar lever		FILE NAME bar lever.ipt			POS 5.9
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL DIN C45	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 48 /53	

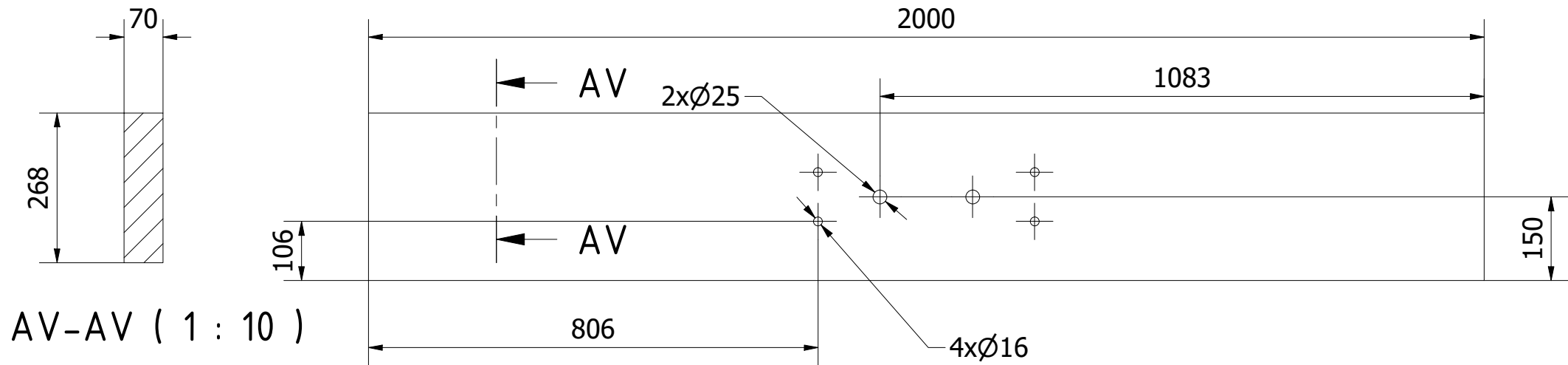


Note: All units in mm.

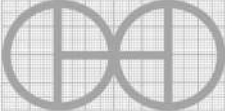
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Fixing platform		FILE NAME Fixing platform.iam			POS 6.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada		REDESIGNED BY  OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/16	SHEET 49 /53

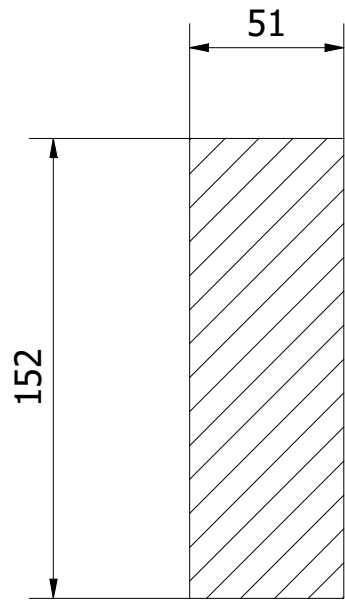


PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Fixing platform		FILE NAME Fixing platform.ipn			POS 6.0
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada		REDESIGNED BY OHO e.V.	DOC. TYPE Assembly	MATERIAL	QUANTITY 1
			LICENCE CC-BY-SA 4.0	SCALE 1/10	SHEET 50 /53

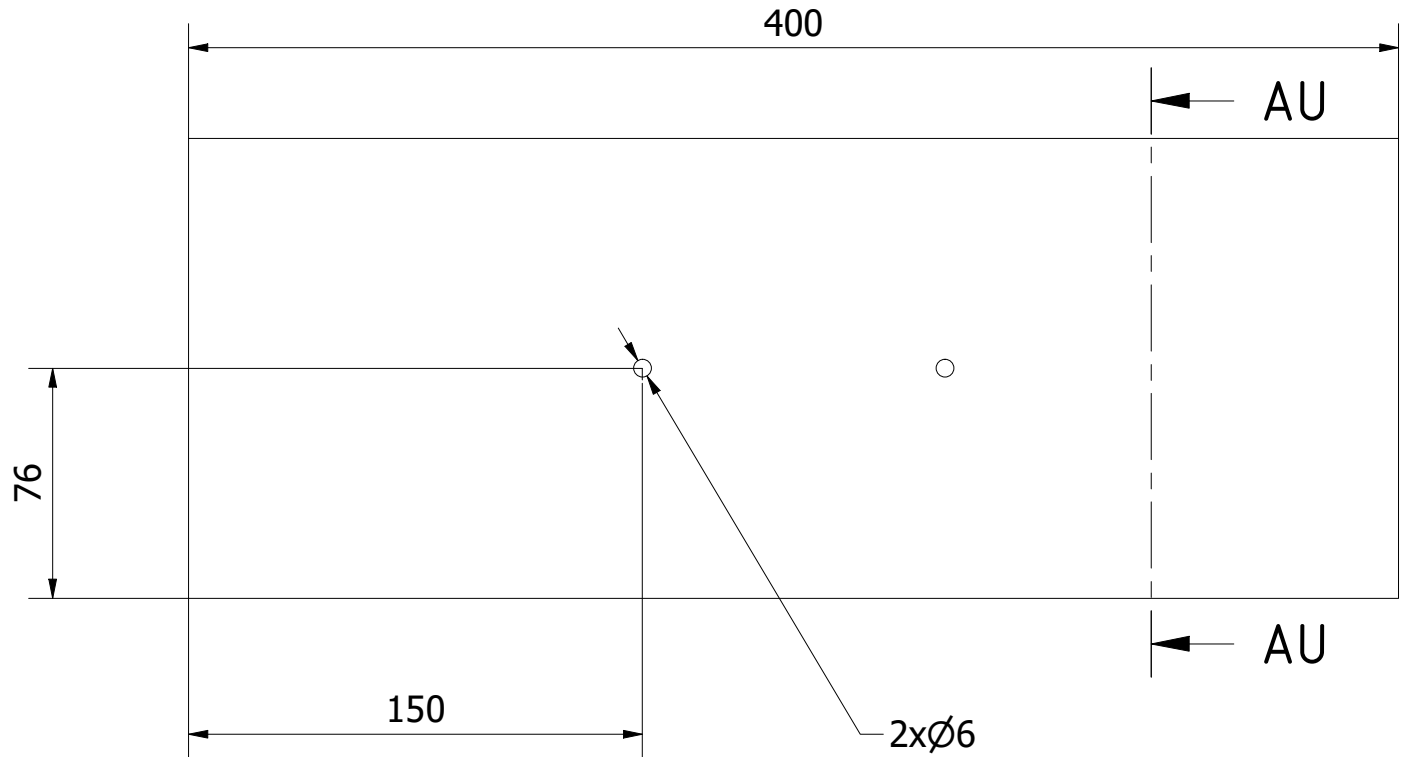


Note: All units in mm.

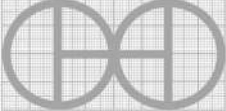
PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Platform		FILE NAME platform.ipt			POS 6.1
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL Kiln dried wood	QUANTITY 1	
		LICENCE CC-BY-SA 4.0	SCALE 1/10	SHEET 51 /53	

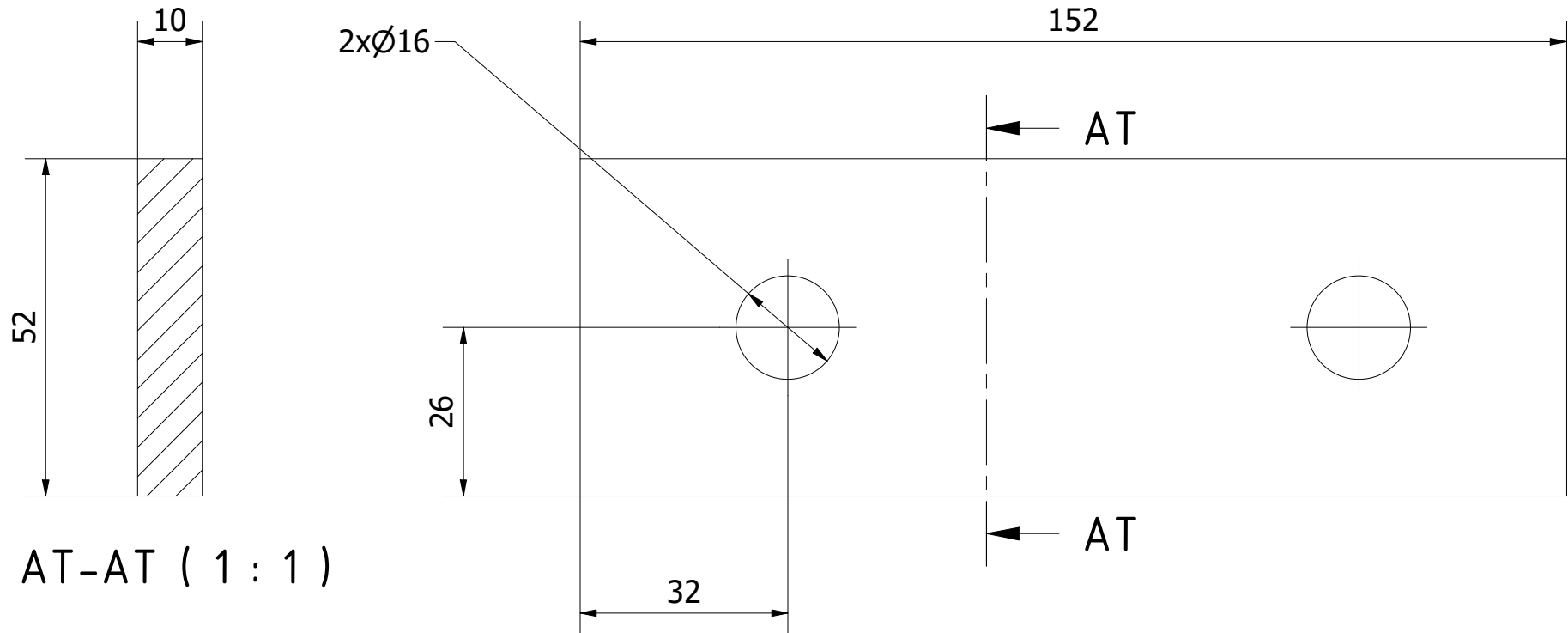


AU-AU (1 : 2.5)



Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Platform base		FILE NAME platform base.ipt			POS 6.2
DEVELOPED BY Centro de Experimentación en Tecnología Apropiaada	REDESIGNED BY  OHO e.V.	DOC. TYPE Part	MATERIAL Kiln dried wood	QUANTITY 3	
		LICENCE CC-BY-SA 4.0	SCALE 1/2.5	SHEET 52 /53	



Note: All units in mm.

PROJECT Brick Making Machine CETA-RAM - for soil bricks		CREATED BY J. Rosciano	APPROVED BY A. Morillo	DATE 28/07/2021	VERSION 1.1
PART NAME Flat		FILE NAME flat.ipt			POS 6.3
DEVELOPED BY Centro de Experimentación en Tecnología Apropriada	REDESIGNED BY OHO e.V.	DOC. TYPE Part	MATERIAL ASTM A36	QUANTITY 2	
		LICENCE CC-BY-SA 4.0	SCALE 1/1	SHEET 53 /53	