

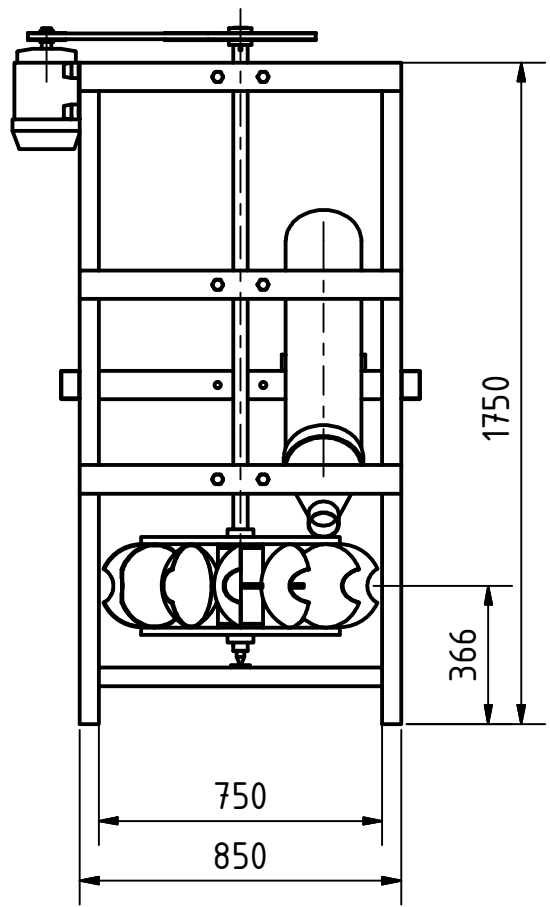
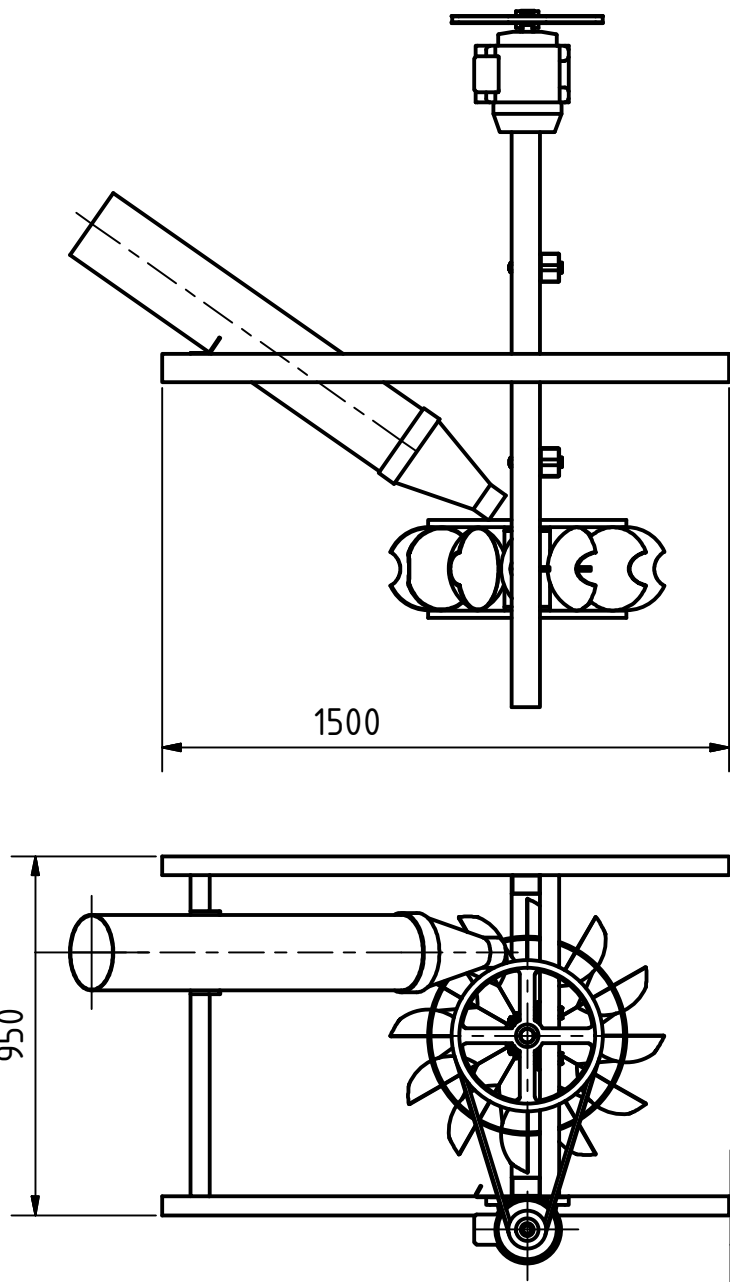


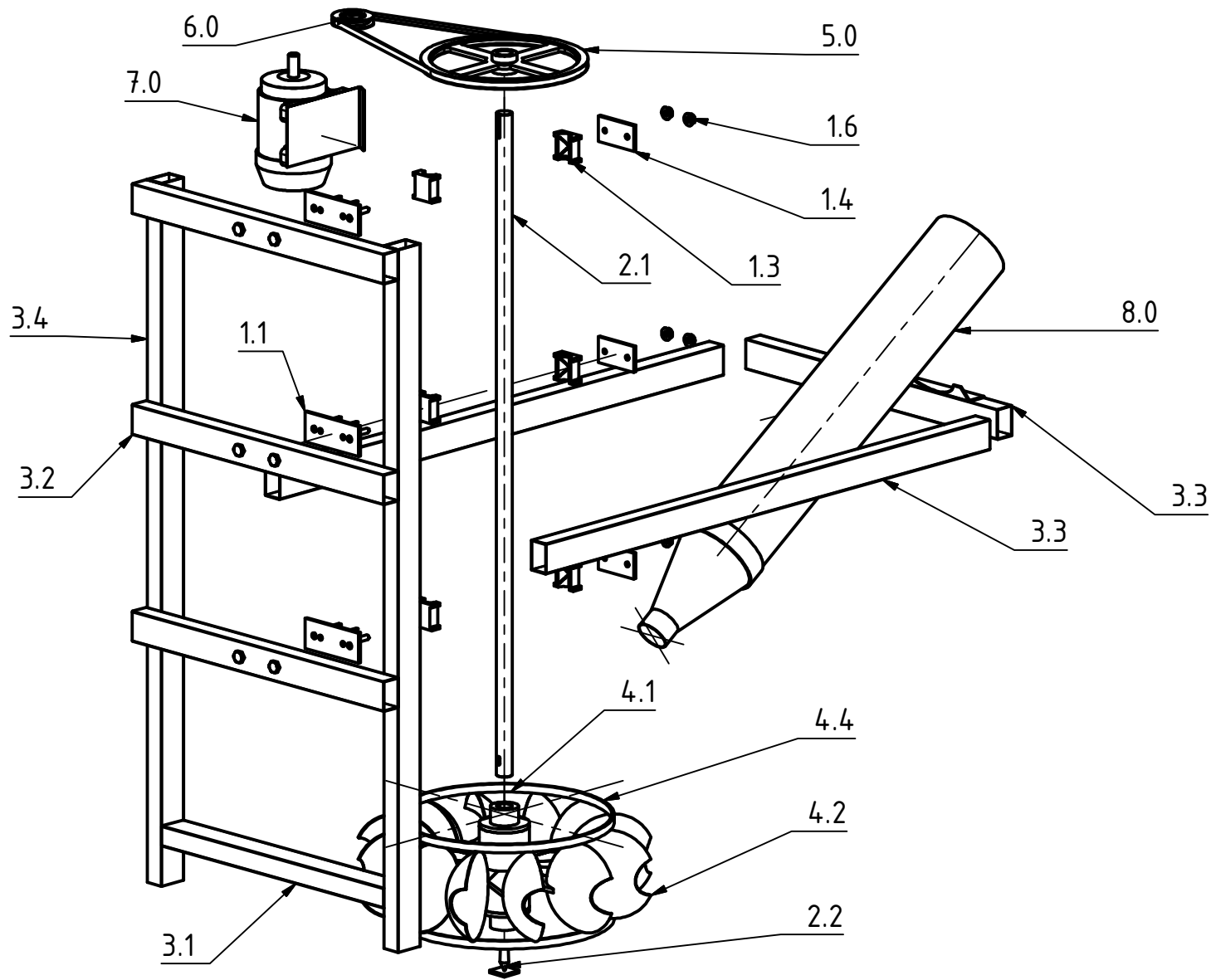




PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
oseg_hww_Himalayan-Water-Wheel		oseg_hww_Himalayan-Water-Wheel.iam			A1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
	 OPEN SOURCE ECOLOGY GERMANY		ASSEMBLY		1
			LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0		1 /38





PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
oseg_hww_Himalayan-Water-Wheel		oseg_hww_Himalayan-Water-Wheel.iam			A1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
	 OPEN SOURCE ECOLOGY GERMANY		ASSEMBLY		1
UNICEF	OSEG	E.ON STIFTUNG	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0		2 /38





PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Himalayan Water Wheel		oseg_hww_Himalayan-Water-Wheel.ipn			A2
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
	 OPEN SOURCE ECOLOGY GERMANY	 E.ON STIFTUNG	ASSEMBLY		1
UNICEF	OSEG	E.ON STIFTUNG	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0	1:15	3 /38

PART LIST							
POS	POS.OLD	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1		1	oseg_hww_Himalayan-Water-Wheel	oseg_hww_Himalayan-Water-Wheel.iam			1
A1		1	oseg_hww_Himalayan-Water-Wheel	oseg_hww_Himalayan-Water-Wheel.iam			2
A2		1	oseg_hww_Himalayan-Water-Wheel	oseg_hww_Himalayan-Water-Wheel.ipn			3
B1			PART LIST				4
B2			PART LIST				5
C1			TECH NOTES				6
1.0		3	Axle fixation	oseg_hww_Axle-fixation.iam			7
1.0		3	Axle fixation	oseg_hww_Axle-fixation.ipn	Production		8
1.1		3	Backl plate	oseg_hww_Back-plate.ipt	Production	Steel C45	9
1.2		6	Lateral plate	oseg_hww_Side-plate.ipt	Production	Steel C45	10
1.3		6	Bronze bush	oseg_hww_Bronze-bush.ipt	Production	Bronze	11
1.4		3	Front plate	oseg_hww_Front-plate.ipt	Production	Steel C45	12
1.5		6	Bolt-M12x95	oseg_hww_bolt-M12x95.ipt	Production	Steel C45	13
1.6		6	Nut M12	oseg_hww_nut-M12.ipt	Standard	Nut M12	
1.7		6	Washer-M12	oseg_hww_Washer-M12.ipt	Standard	Washer-M12	
2.0		1	Axle pivote	oseg_hww_Axle-pivote.iam			14
2.0		1	Axle-pivote	oseg_hww_Axle-pivote.ipn			15
2.1		1	Axle	oseg_hww_Axle.ipt	Production	Steel C45	16
2.2		1	Pivote	oseg_hww_Pivote.ipt	Production	Steel C45	17
2.3		1	Iron-plate	oseg_hww_iron-plate.ipt	Production	Steel C45	18
3.0		1	Frame	oseg_hww_Frame.iam			19
3.0		1	Frame	oseg_hww_Frame.ipn			20
3.1		1	horizontal-75x50x750	oseg_hww_horizontal-75x50x750.ipt	Production	Structural Steel, ASTM-A36	21
3.2		3	horizontal-75x50x850	oseg_hww_horizontal-75x50x850.ipt	Production	Structural Steel, ASTM A-36	22
3.3		2	Floor-nevel-75x50x1500	oseg_hww_Floor-nevel-75x50x1500.ipt	Production	StructuralSteel, ASTM A-36	23
3.4		2	supporting-laths-50x25x1300	oseg_hww_vertical-75x50x1750.ipt	Production	Structural Steel, ASTM A-36	24
3.5		1	Angle 50x50x125	oseg_hww_Angle 50x50x125.ipt	Production	Steel C45	25
4.0		1	Turbine	oseg_hww_Turbine.iam			26
4.0		1	Turbine	oseg_hww_Turbine.ipn			27

PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
PART LIST					B1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART LIST		
UNICEF	OSEG	E.ON STIFTUNG	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0		4 /38



PART LIST

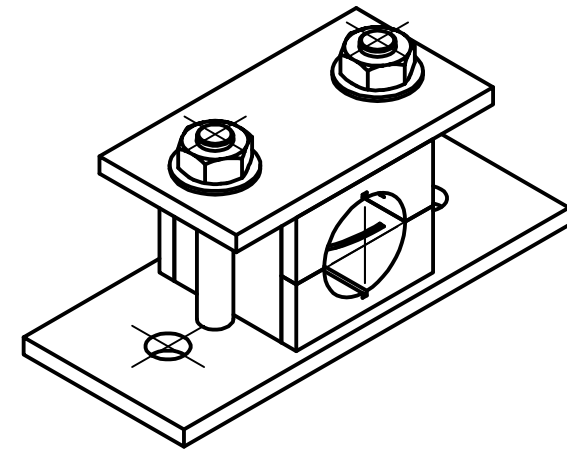
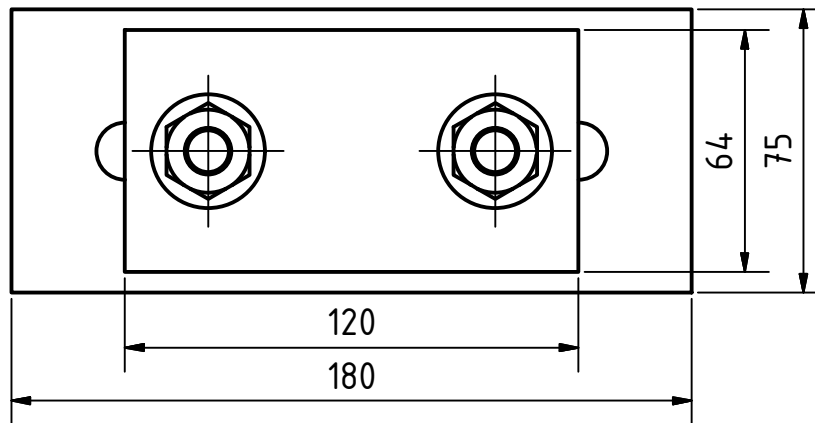
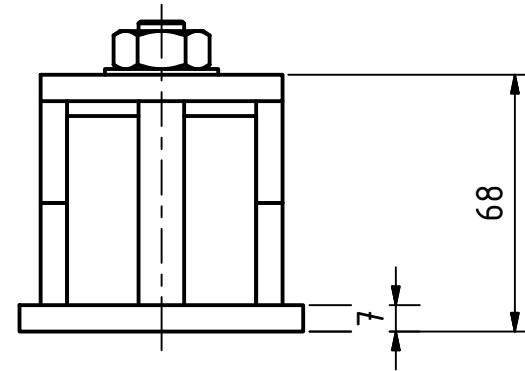
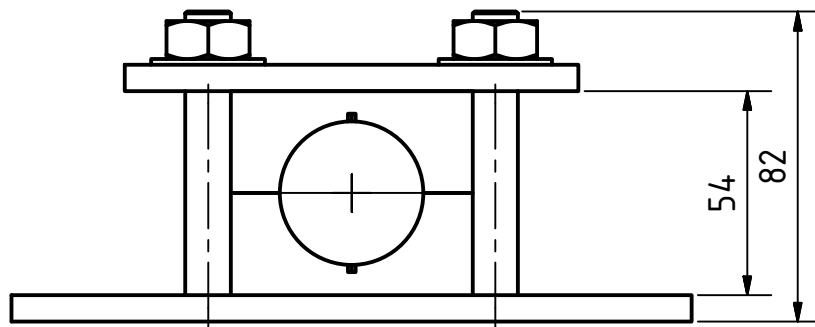
POS	POS.OLD	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
4.1		1	Hub	oseg_hww_Hub.iam			28
4.1		1	Hub	oseg_hww_Hub.ipn			29
4.1.1		1	Hub cylinder	oseg_hww_Hub-cylinder.ipt	Production	Steel C45	30
4.1.2		2	Hub shaft	oseg_hww_Hub-shaft.ipt	Production	Steel C45	31
4.1.3		2	Hub ring	oseg_hww_Hub-ring.ipt	Production	Steel C45	32
4.2		12	Spoon-one	oseg_hww_Spoon-one.iam			33
4.2		12	Spoon-one	oseg_hww_Spoon-one.ipn			34
4.2.1		12	Spoon	oseg_hww_Spoon.ipt	Production	Steel C45	35
4.2.2		12	Spood shaft	oseg_hww_Spood-shaft.ipt	Production	Steel C45	36
4.3		2	Spood ring	oseg_hww_Spood-ring.ipt	Production	Steel C45	37
5.0		1	Fly wheel D400	oseg_hww_Fly-wheel-D400.ipt	Standard		
6.0		1	Fly wheel D100	oseg_hww_Fly-wheel-D100.ipt	Standard		
7.0		1	Dynamo	oseg_hww_Dynamo.ipt	Buy		
8.0		1	Nozzle pipe	oseg_hww_Nozzle-pipe.ipt	Production	Gavanized Steel	38
9.0		6	Bolt-M15x75	oseg_hww_bolt-M15x75.ipt	Standard	Bolt M15x75	
10.0		6	Nut M15	oseg_hww_nut-M15.ipt	Standard	Nut M15	



PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
PART LIST					B2
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
	 OPEN SOURCE ECOLOGY GERMANY		PART LIST		
UNICEF	OSEG	E.ON STIFTUNG	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0		5 /38

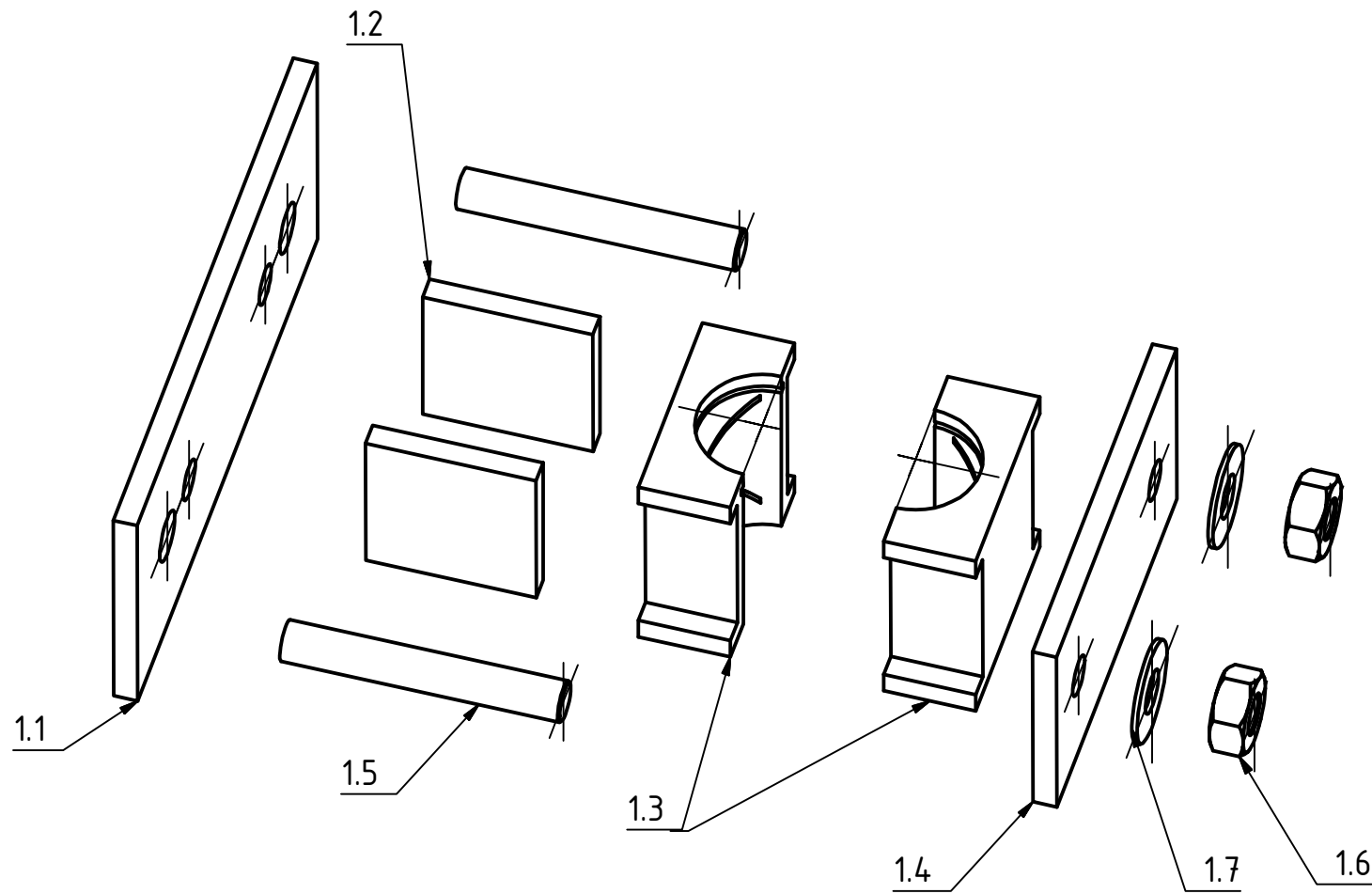
TECHNICAL NOTES



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
Foundations fixing	- The ground must be stable and have a low water table. - The structure must be fixed on firm oncrete soil or on poured footings with steel reinforcement. - The anchorage can be bolted with expansive ramplugs or welded.
...	...

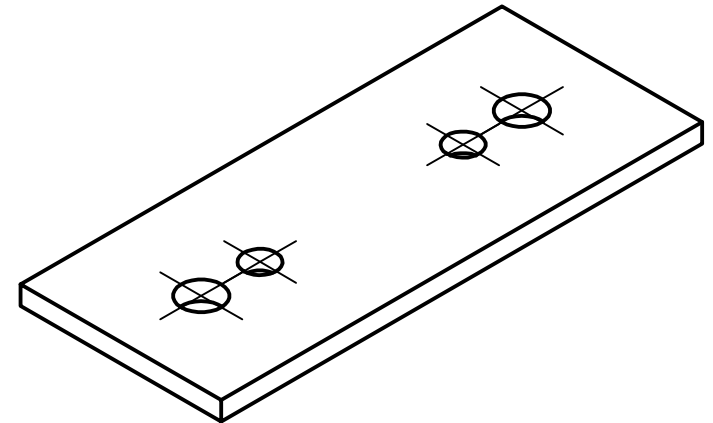
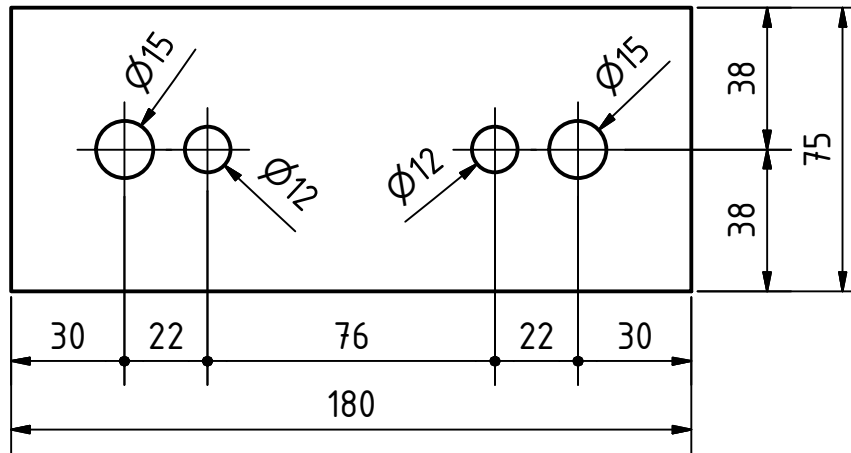
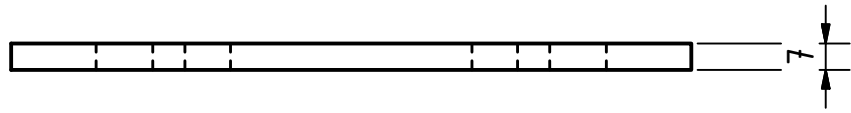
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
TECH NOTES					C1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
	 OPEN SOURCE ECOLOGY GERMANY		TECH NOTES		
UNICEF	OSEG	E.ON STIFTUNG	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0		6 /38





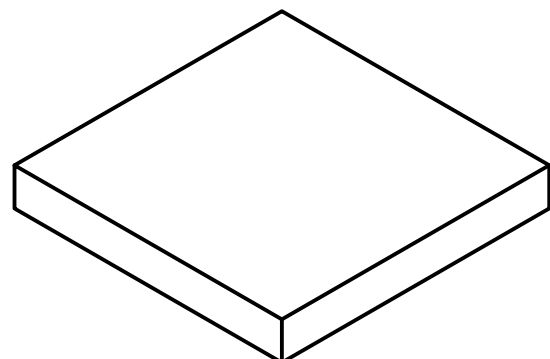
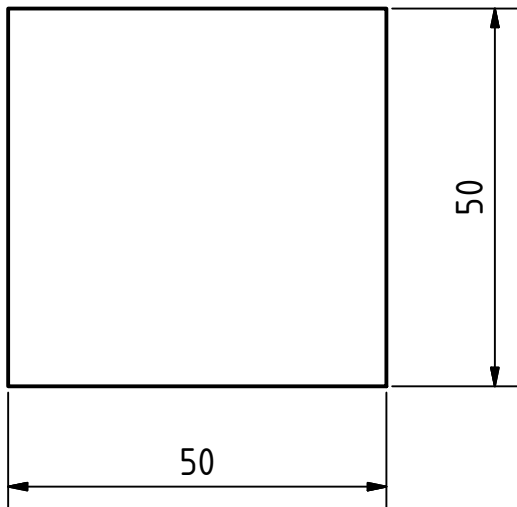
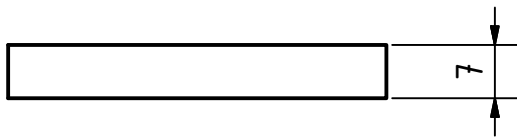
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Axle fixation		oseg_hww_Axle-fixation.iam			1.0
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
	 OPEN SOURCE ECOLOGY GERMANY	 E.ON STIFTUNG	ASSEMBLY LICENCE		3
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	SCALE	SHEET
				1:2	7 /38





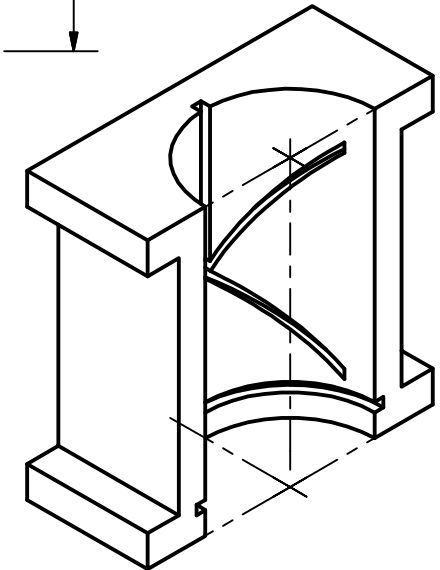
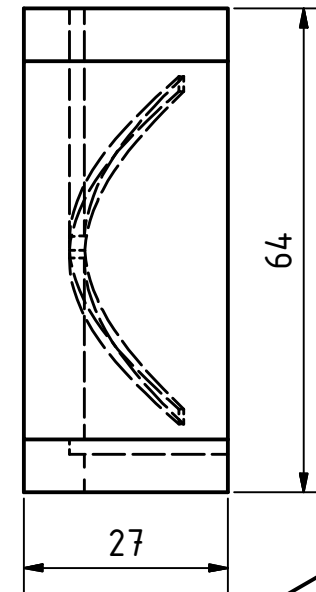
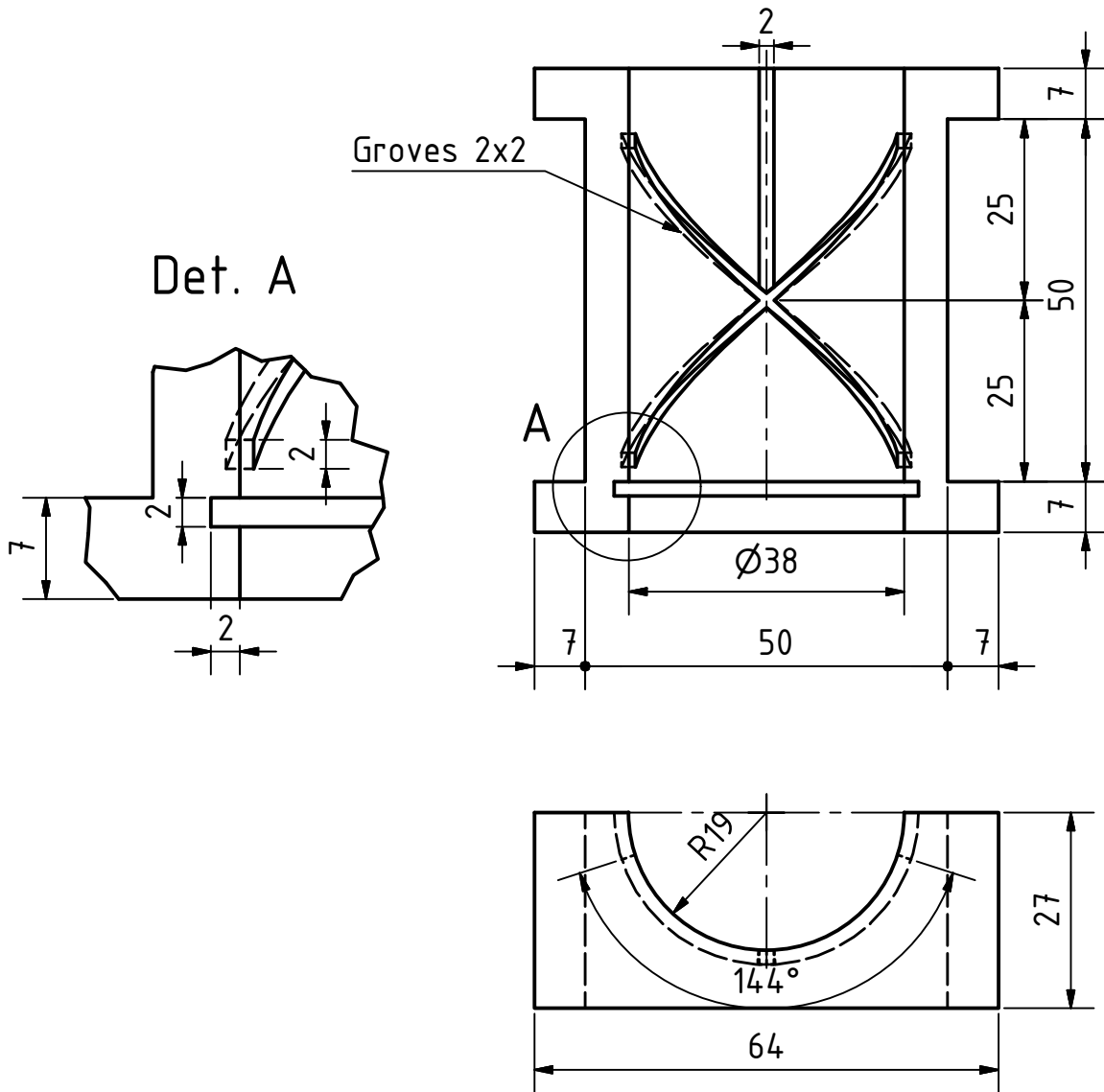
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PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Axle fixation		oseg_hww_Axle-fixation.ipn			1.0
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART LICENCE		3
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	SCALE	SHEET
				1:2	8 /38





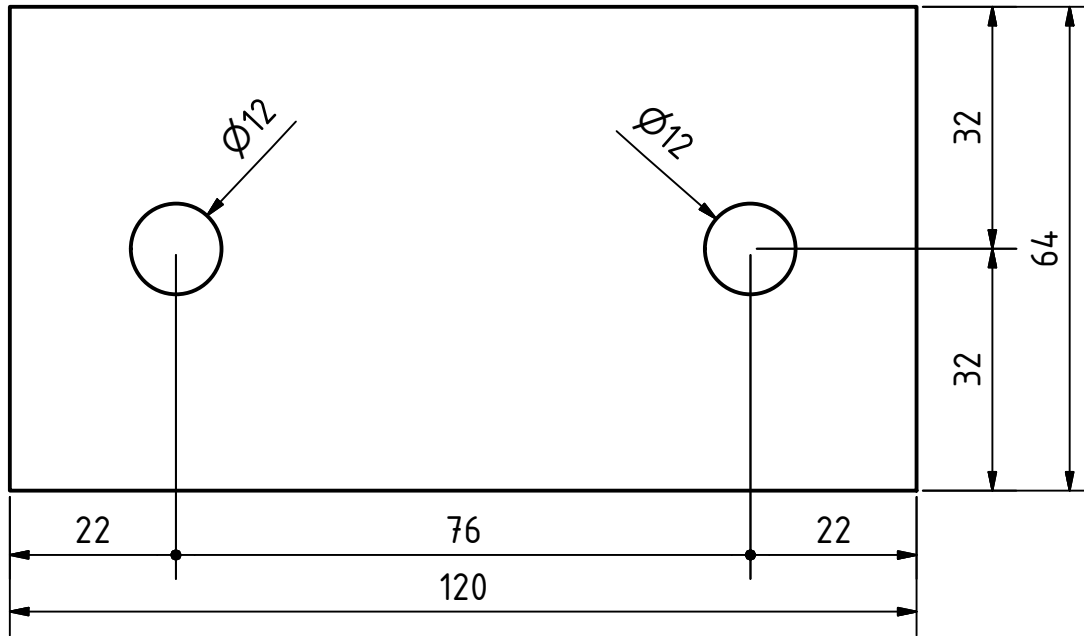
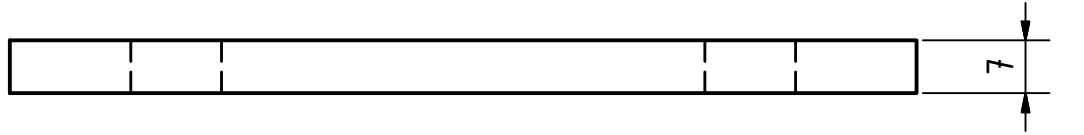
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Backl plate		oseg_hww_Back-plate.ipt			1.1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	3
UNICEF	OSEG	E.ON STIFTUNG	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0	1:2	9 /38





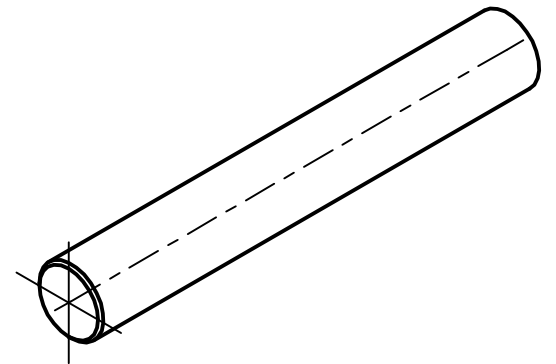
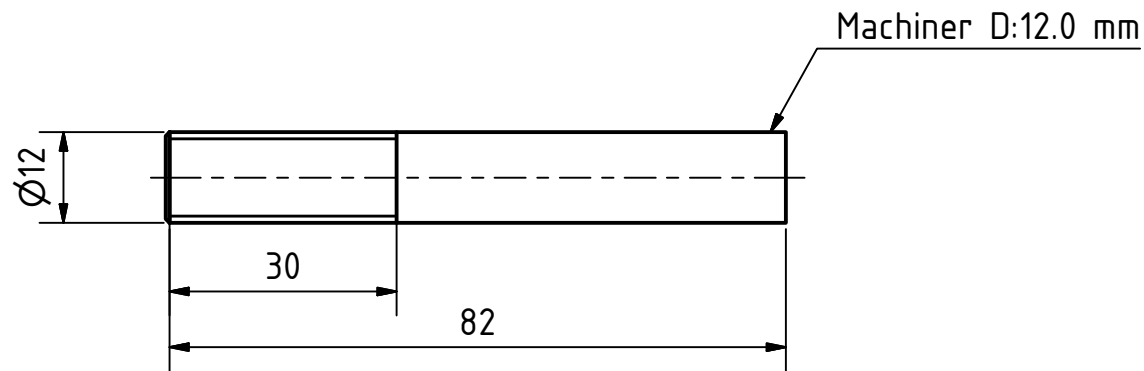
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PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Lateral plate		oseg_hww_Side-plate.ipt			1.2
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	6
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:1	10 /38





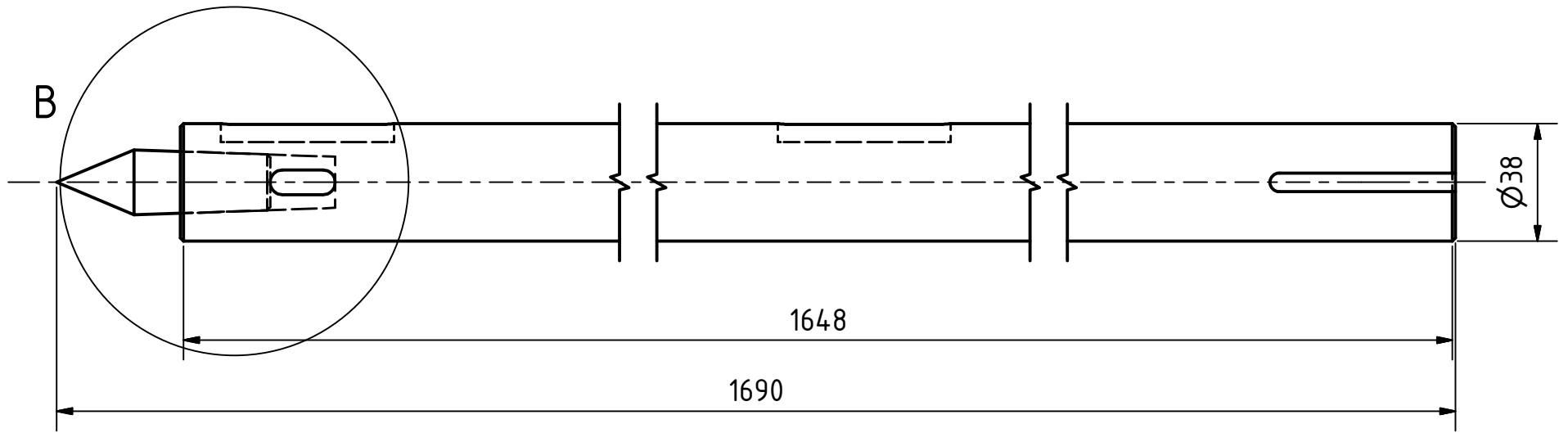
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Bronze bush		oseg_hww_Bronze-bush.ipt			1.3
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
	 OPEN SOURCE ECOLOGY GERMANY	 E.ON STIFTUNG	PART LICENCE	Bronze	6
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	SCALE	SHEET
				1:1	11 /38



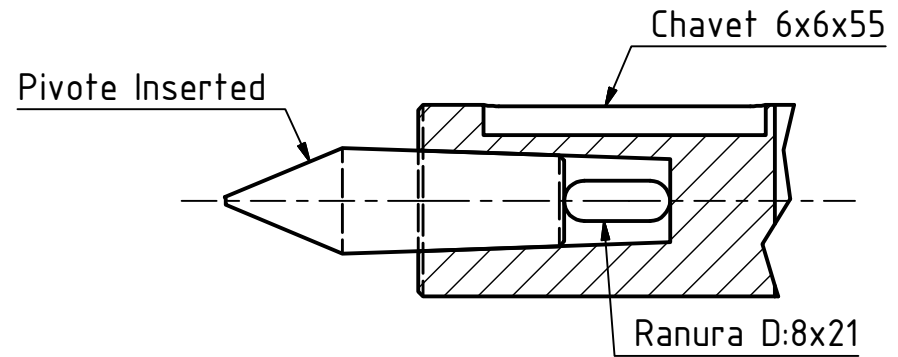
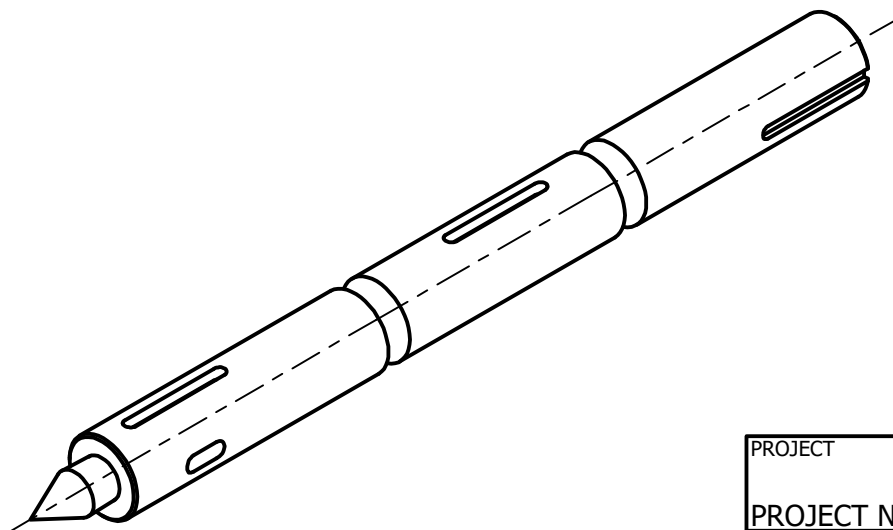
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Front plate		oseg_hww_Front-plate.ipt			1.4
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	3
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:1	12 /38





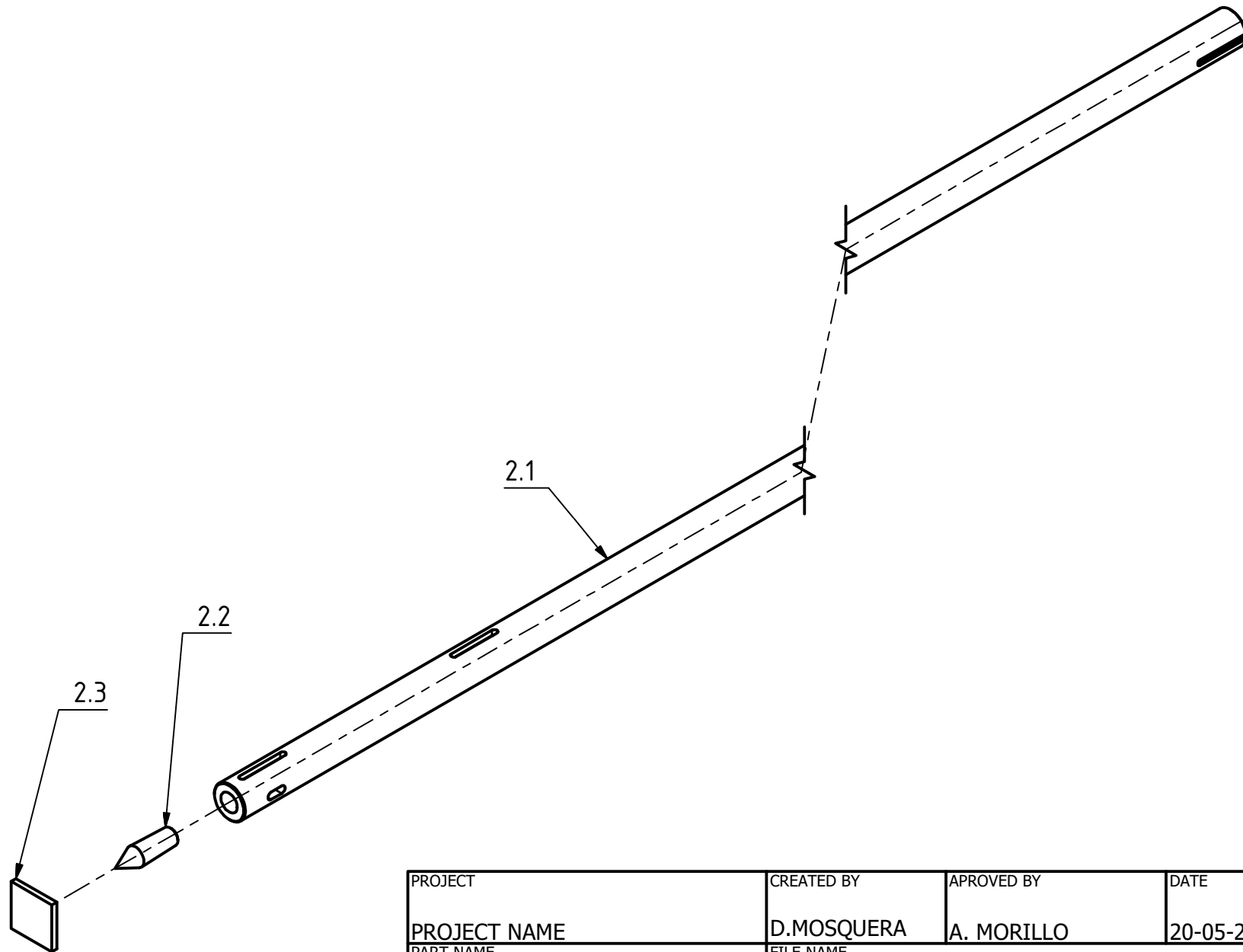
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Bolt-M12x95		oseg_hww_bolt-M12x95.ipt			1.5
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	6
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:1	13 /38





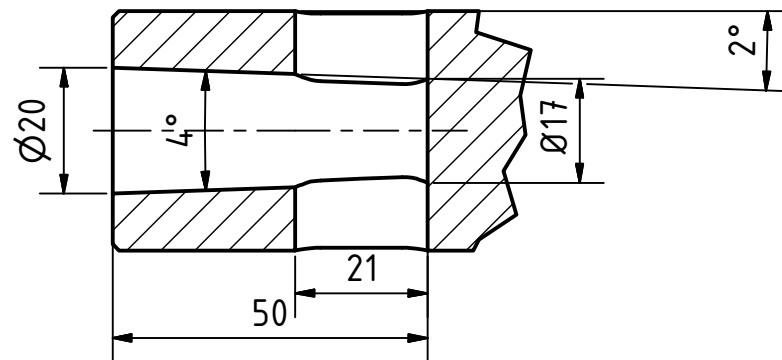
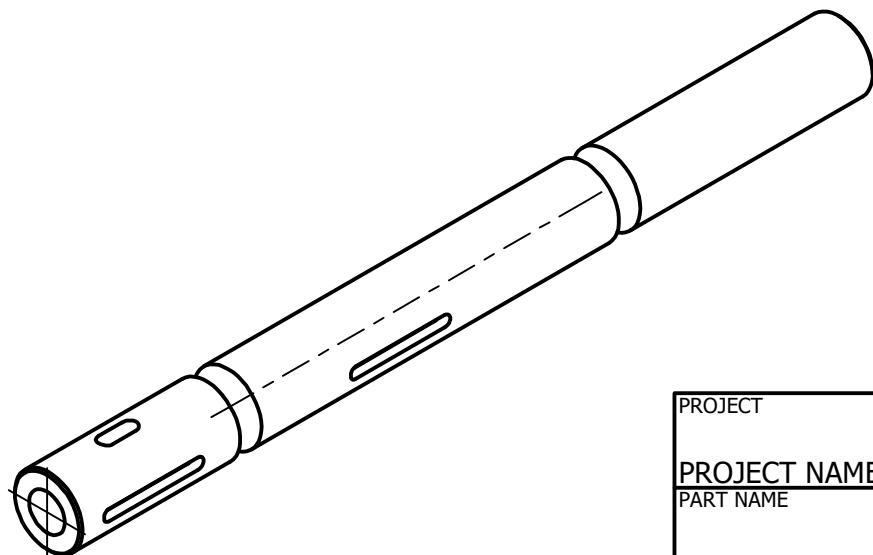
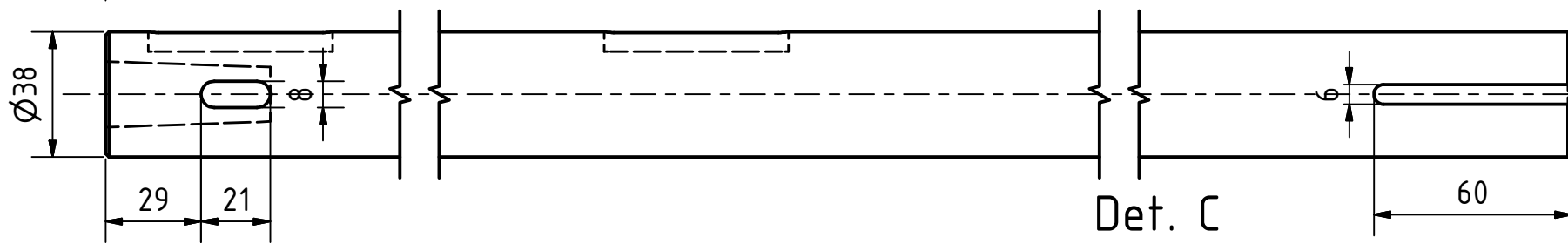
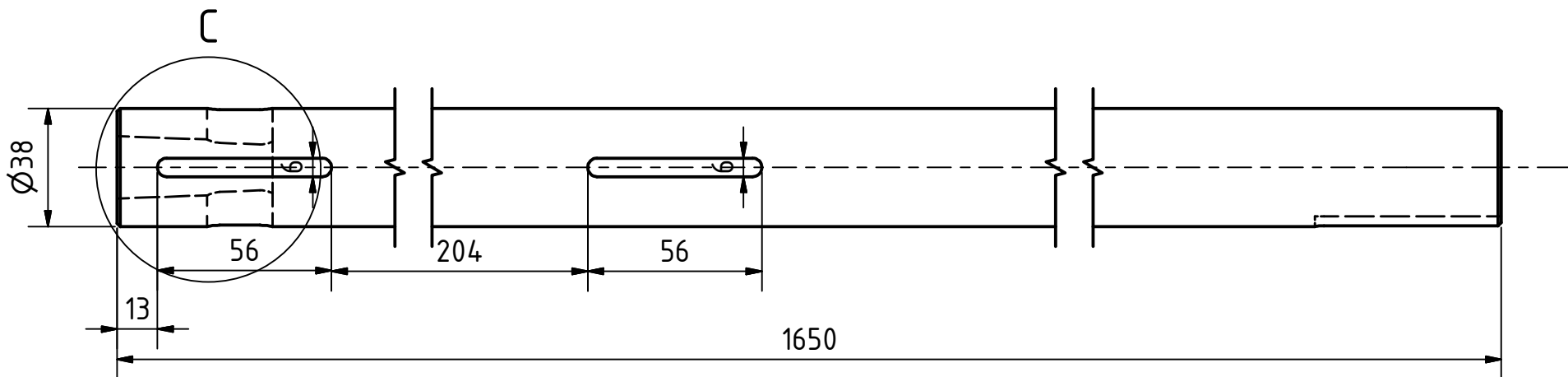
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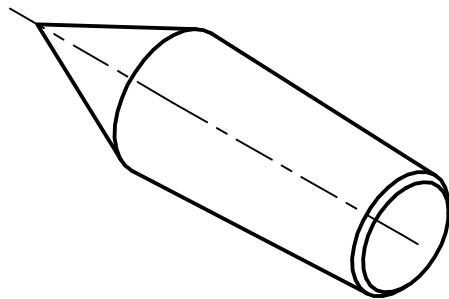
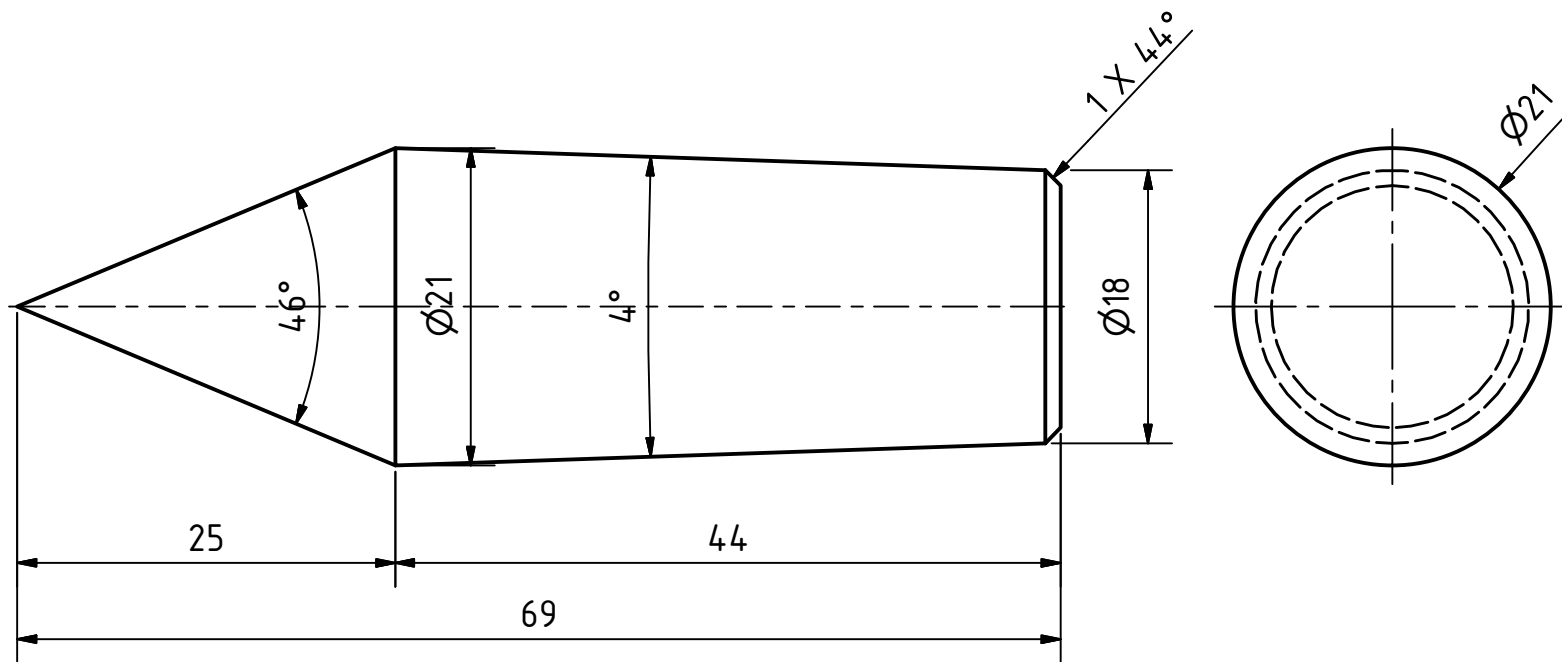
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Axle pivote		oseg_hww_Axle-pivote.iam			2.0
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			ASSEMBLY		1
	OPEN SOURCE ECOLOGY GERMANY	LICENCE		SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:2	14 /38





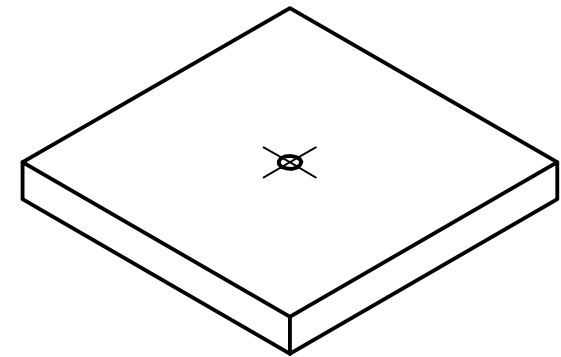
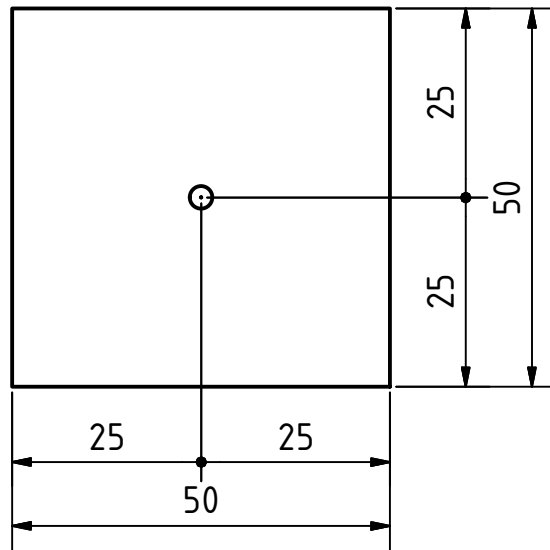
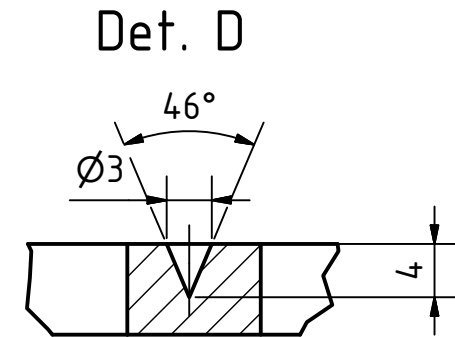
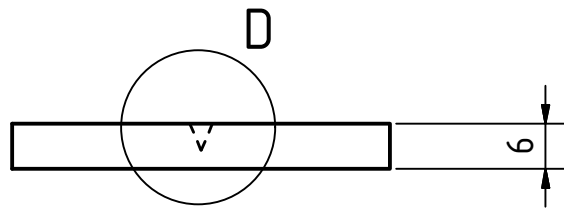
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PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Axle-pivote		oseg_hww_Axle-pivote.ipn			2.0
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			ASSEMBLY		1
	OPEN SOURCE ECOLOGY GERMANY	LICENCE		SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:5	15 /38





PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Axle		oseg_hww_Axle.ipt			2.1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART LICENCE	Steel C45	1
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	SCALE	SHEET
				1:2	16 /38

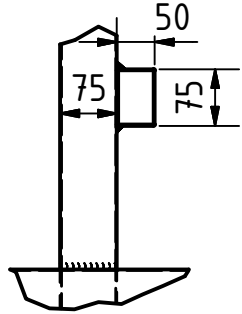


PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Pivote		oseg_hww_Pivote.ipt			2.2
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	1
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	2:1	17 /38

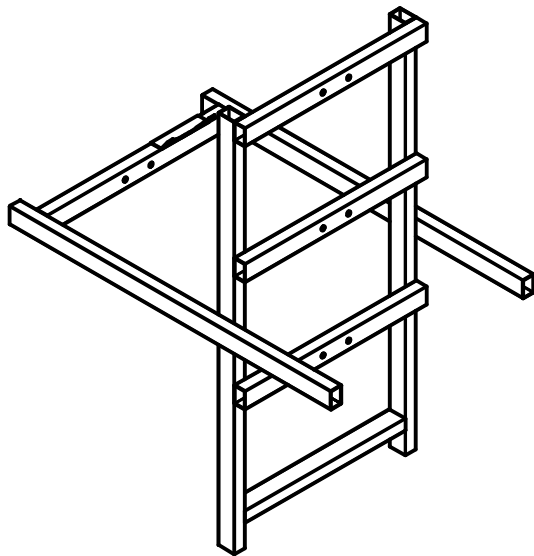
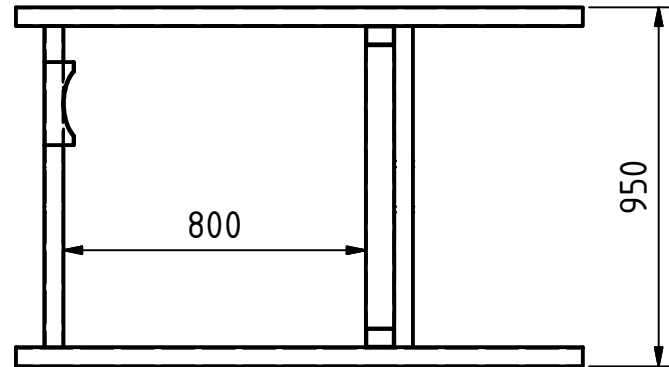
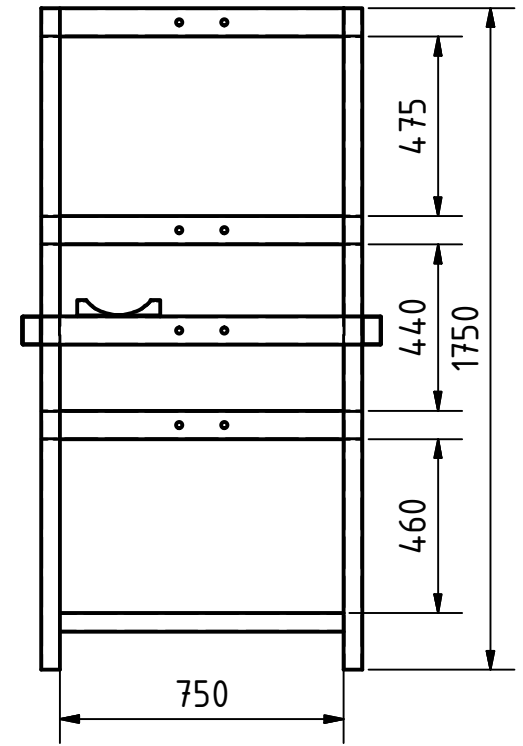
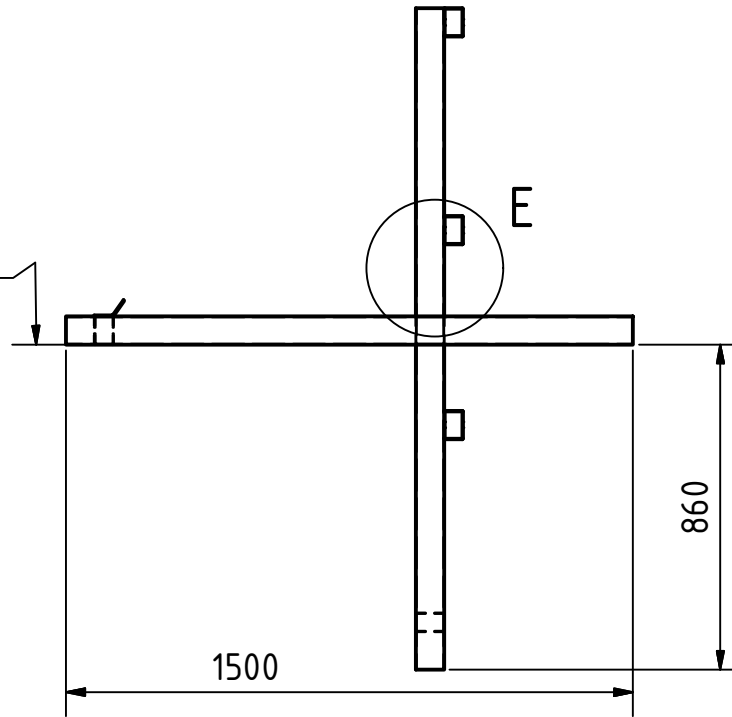




PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Iron-plate		oseg_hww_iron-plate.ipt			2.3
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART LICENCE	Steel C45	1
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	SCALE	SHEET
					18 /38

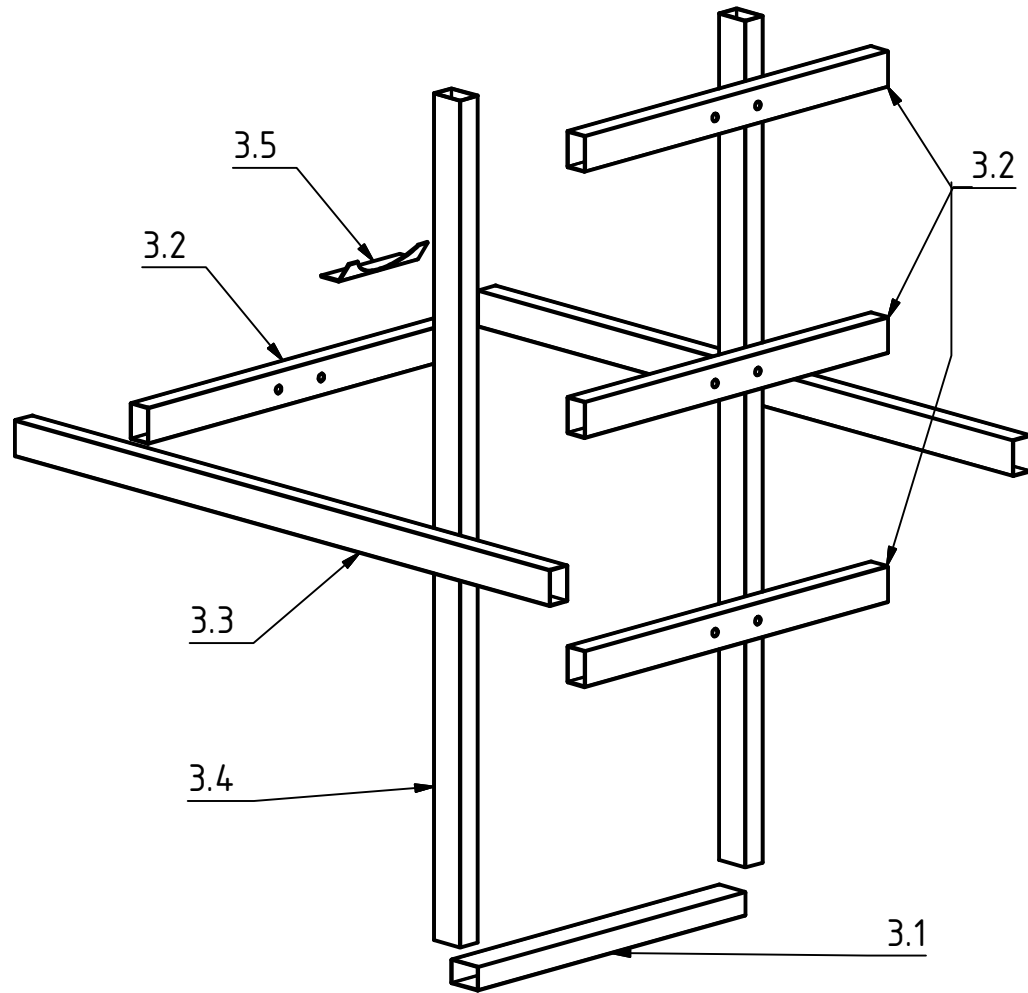
Det. E





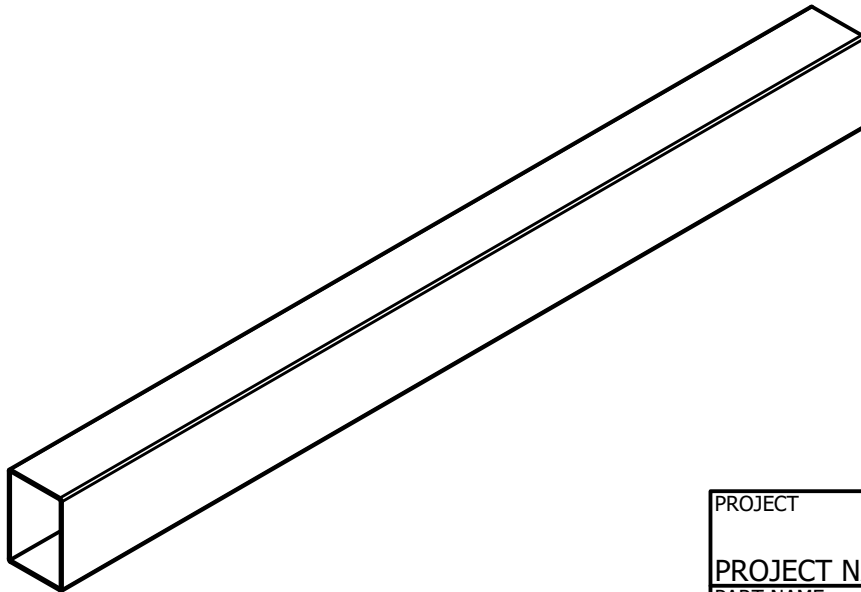
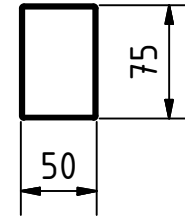
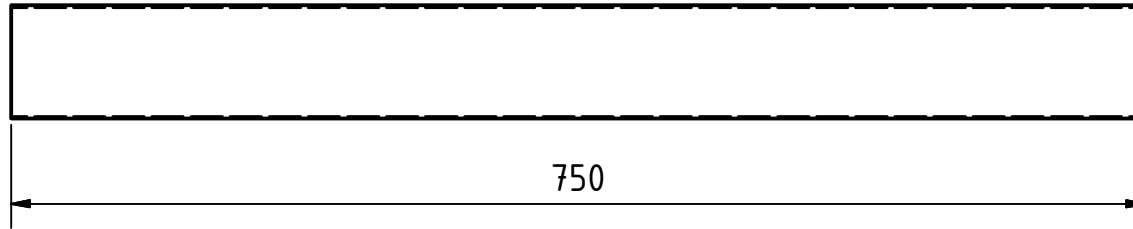
Floor level





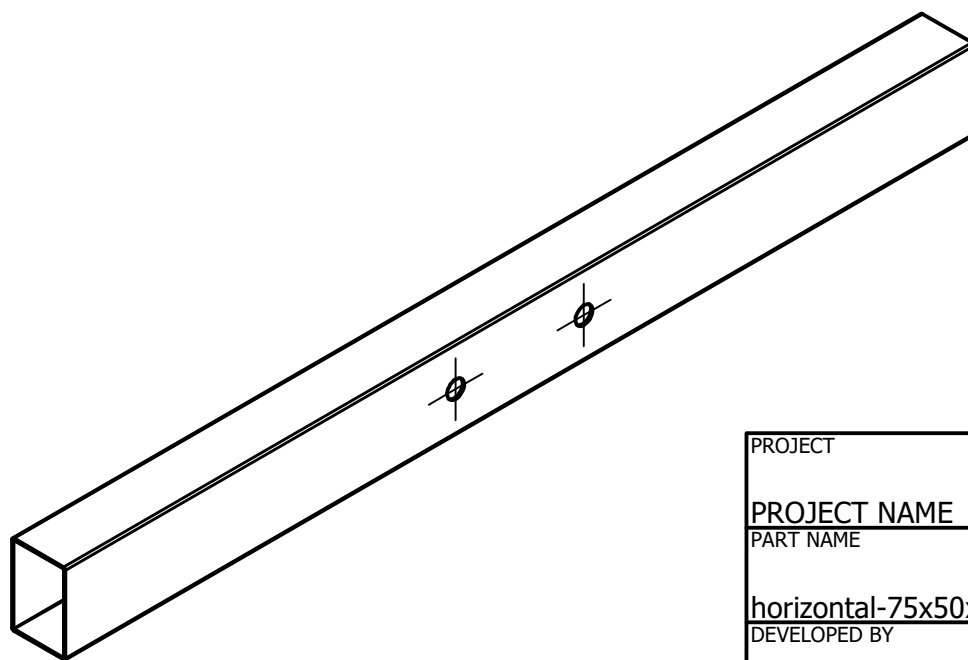
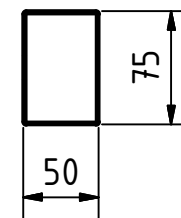
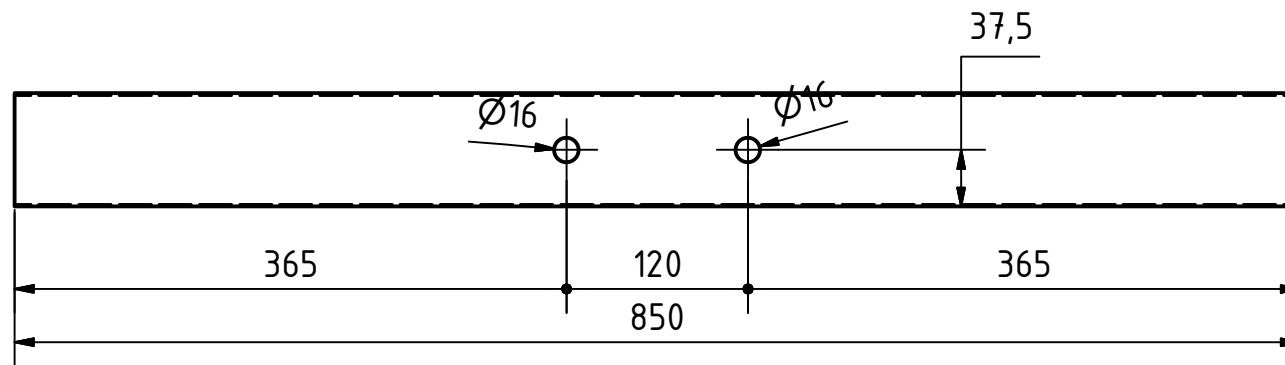
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Frame		oseg_hww_Frame.iam			3.0
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			ASSEMBLY		1
UNICEF	OSEG	E.ON STIFTUNG	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0	1:20	19 /38





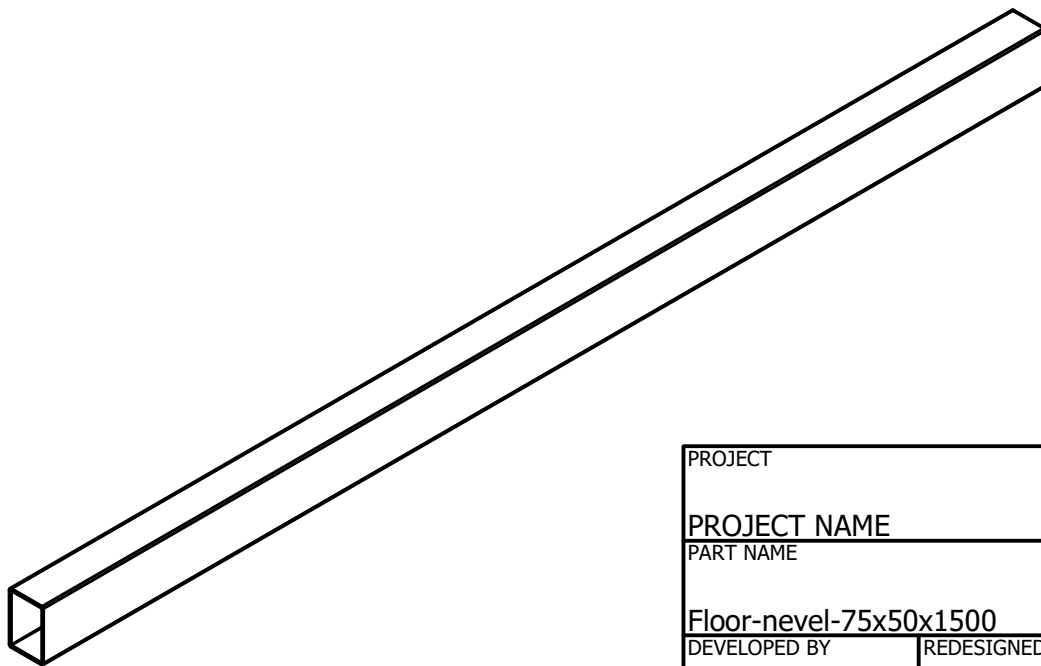
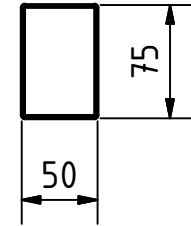
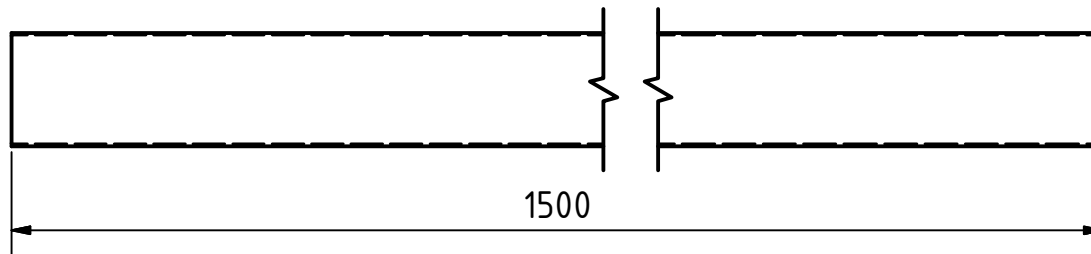
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Frame		oseg_hww_Frame.ipn			3.0
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			ASSEMBLY		1
UNICEF	OSEG	E.ON STIFTUNG	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0	1:25	20 /38





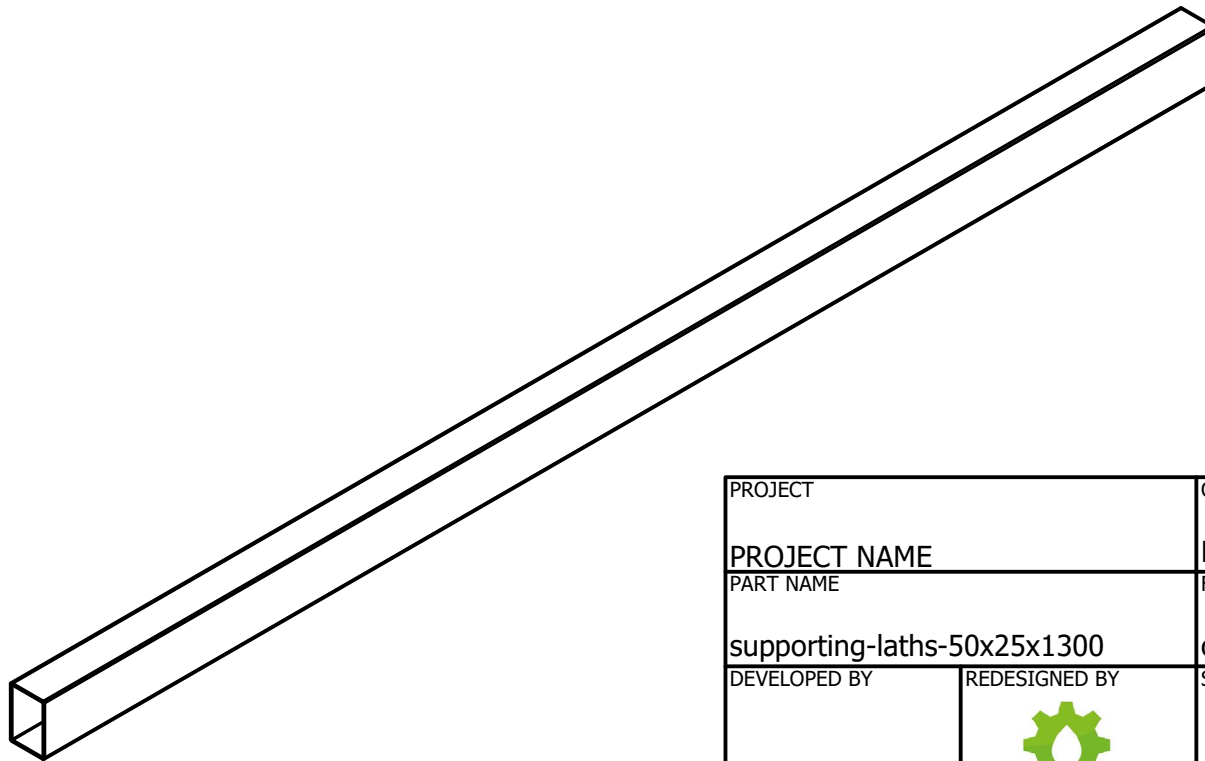
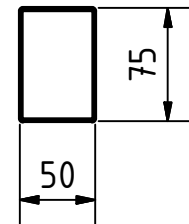
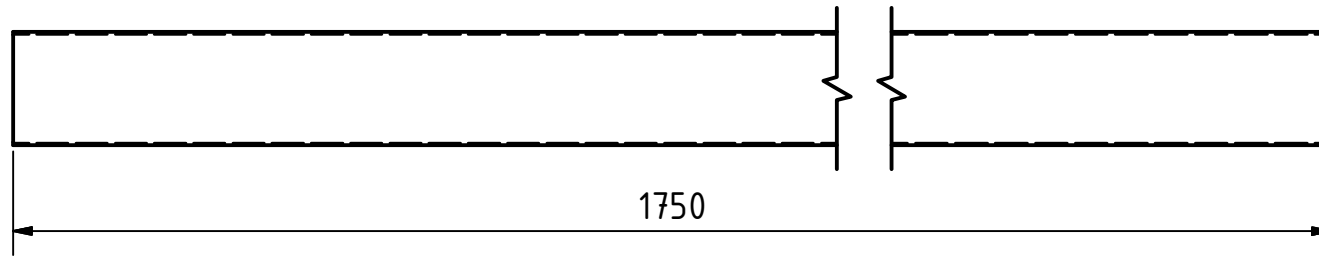
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
horizontal-75x50x750		oseg_hww_horizontal-75x50x750.ipt			3.1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	ASTM-A36	1
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:5	21 /38





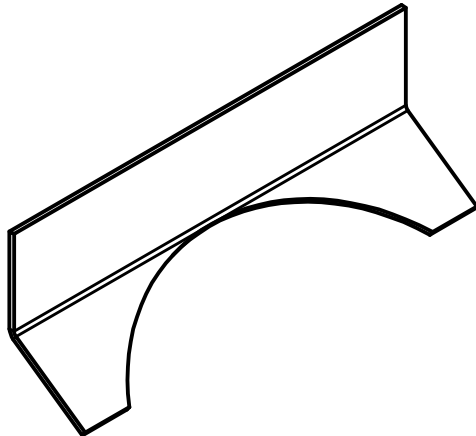
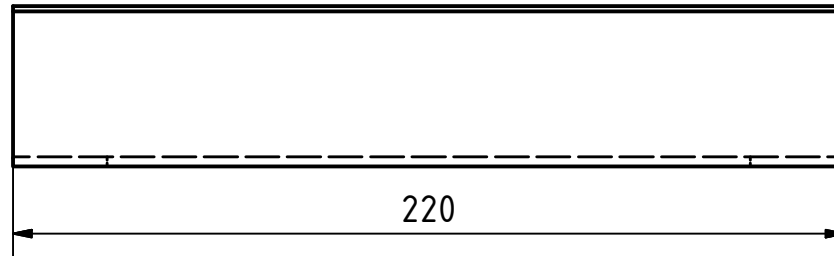
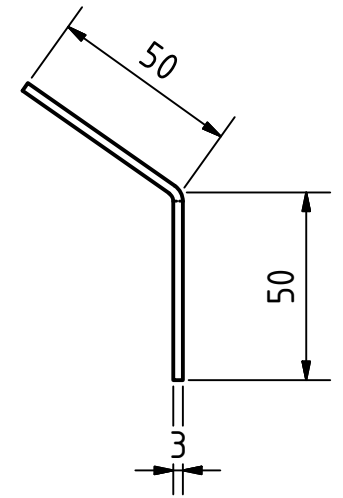
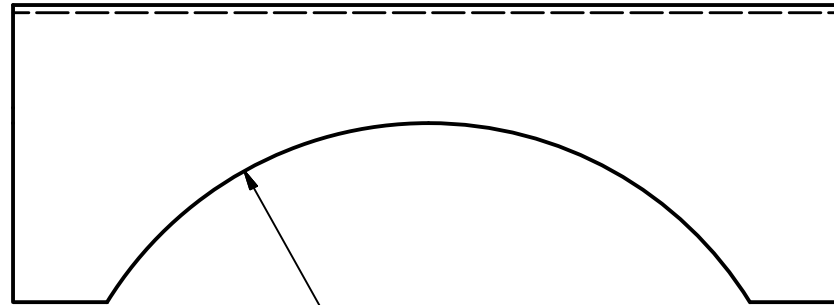
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
horizontal-75x50x850		oseg_hww_horizontal-75x50x850.ipt			3.2
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	ASTM A-36	3
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:5	22 /38





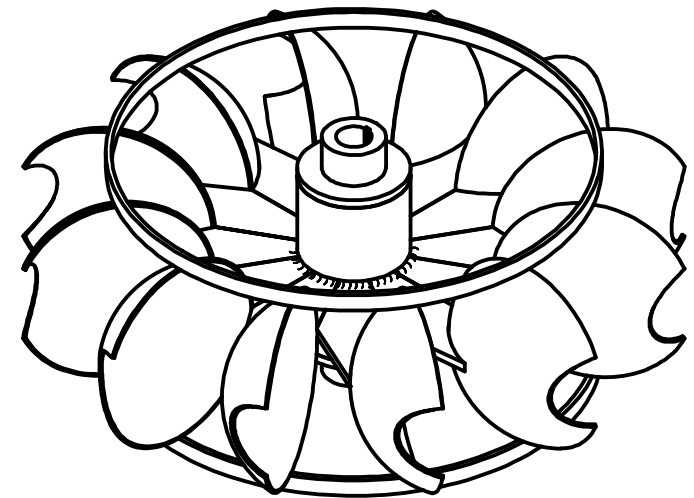
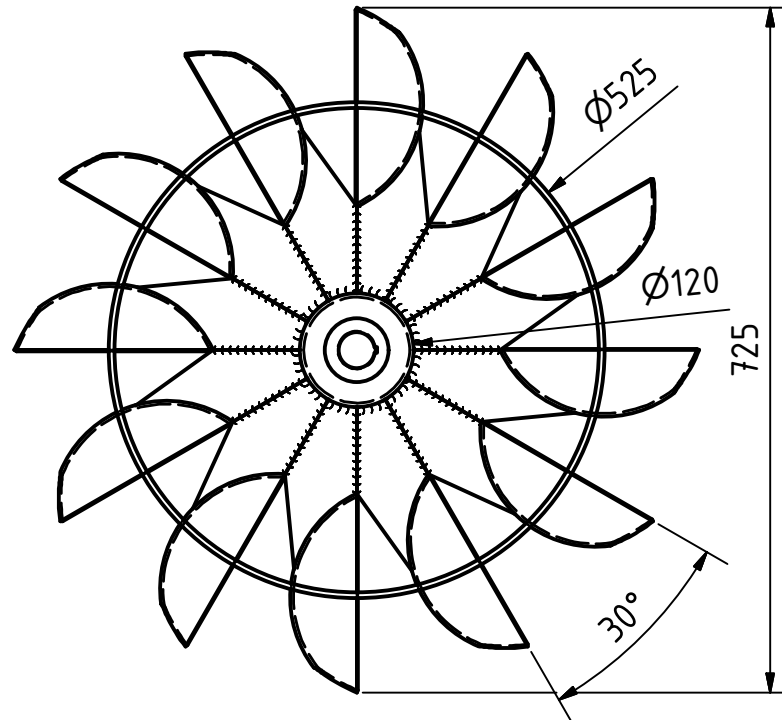
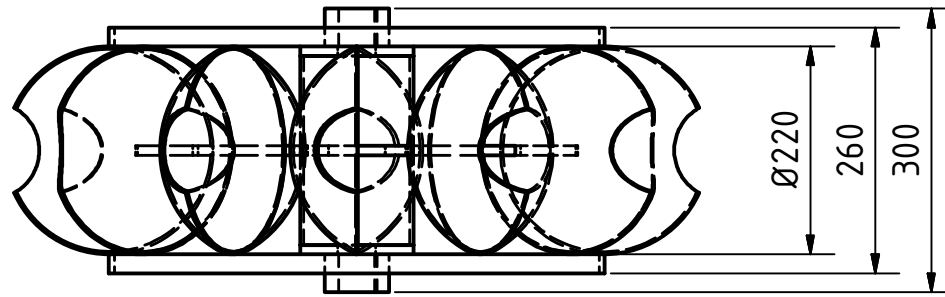
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Floor-nevel-75x50x1500		oseg_hww_Floor-nevel-75x50x1500.ipt			3.3
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	ASTM A-36	2
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0		23 /38





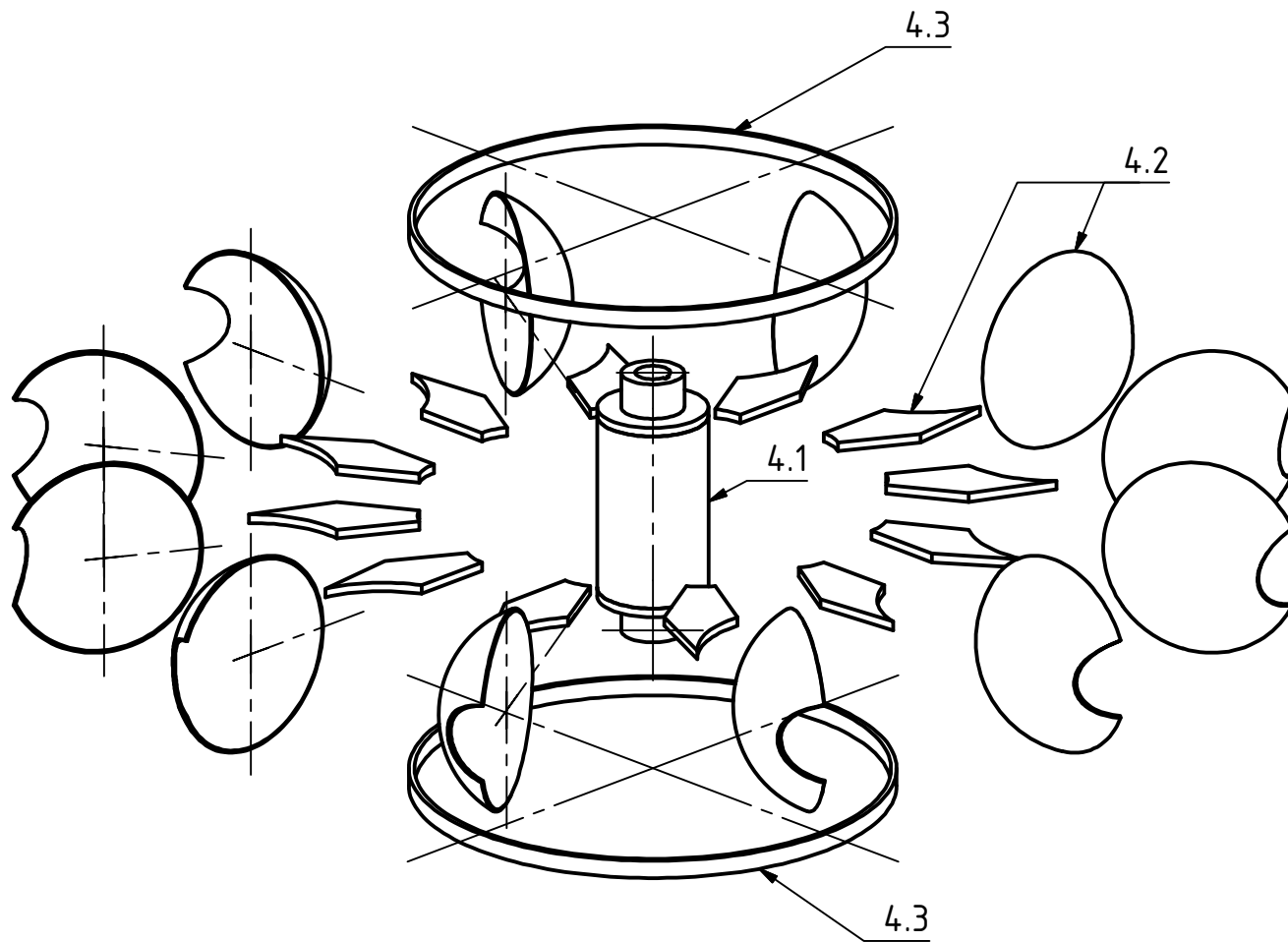
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
supporting-laths-50x25x1300		oseg_hww_vertical-75x50x1750.ipt			3.4
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	ASTM A-36	2
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:5	24 /38





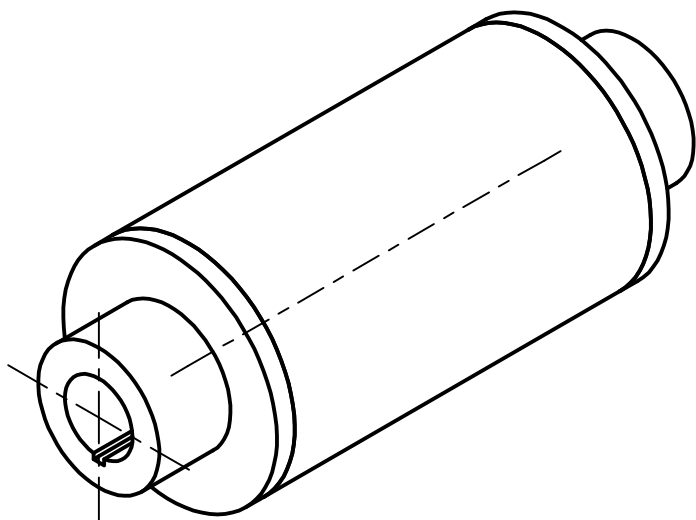
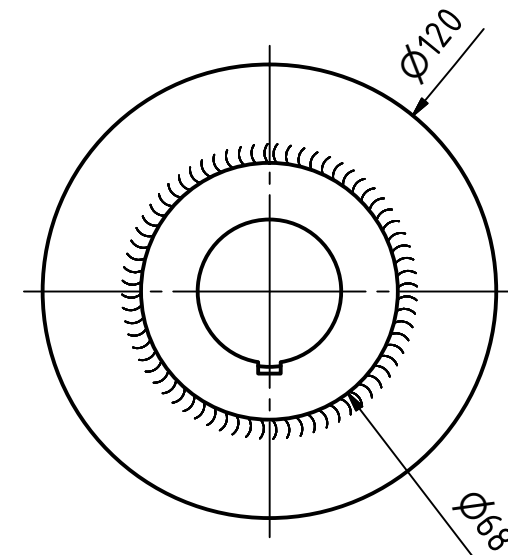
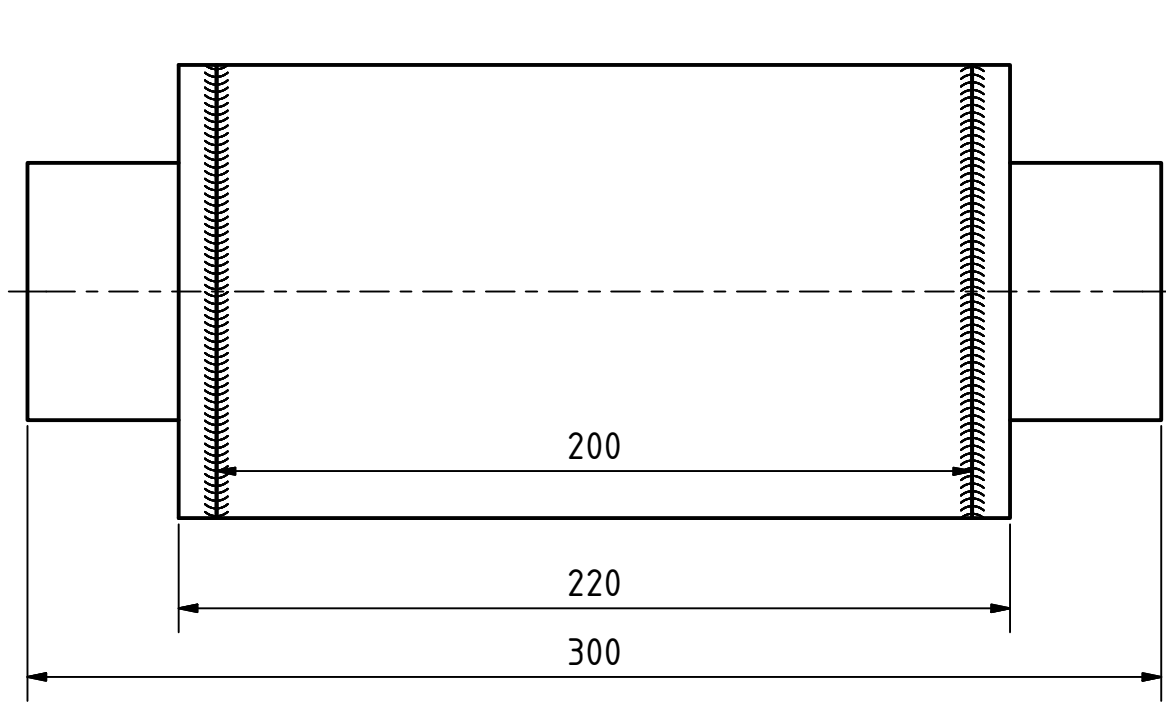
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Angle 50x50x125		oseg_hww_Angle 50x50x125.ipt			3.5
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	1
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:5	25 /38





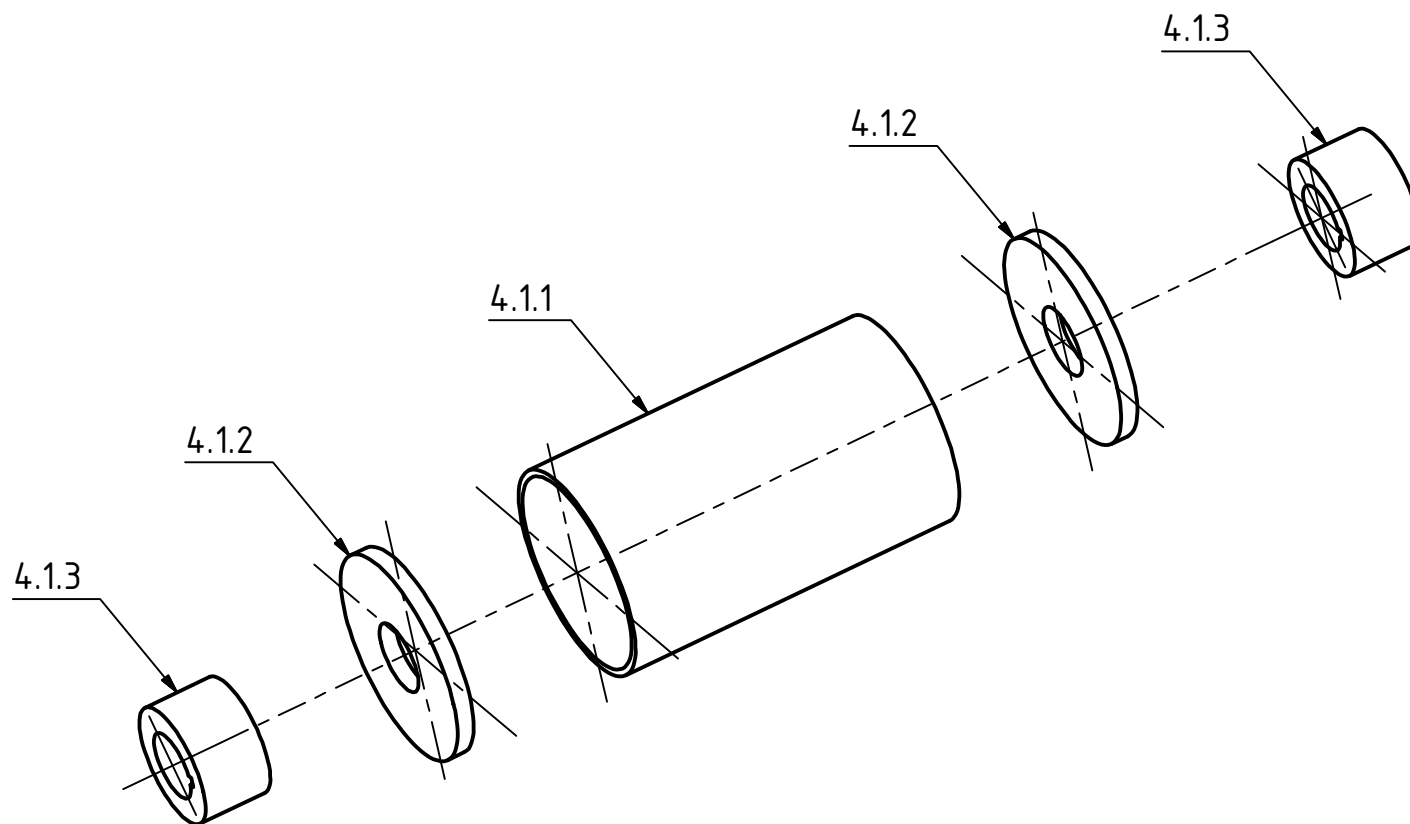
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Turbine		oseg_hww_Turbine.iam			4.0
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
	 OPEN SOURCE ECOLOGY GERMANY	 E.ON STIFTUNG	ASSEMBLY		1
UNICEF	OSEG	E.ON STIFTUNG	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0	1:8	26 /38





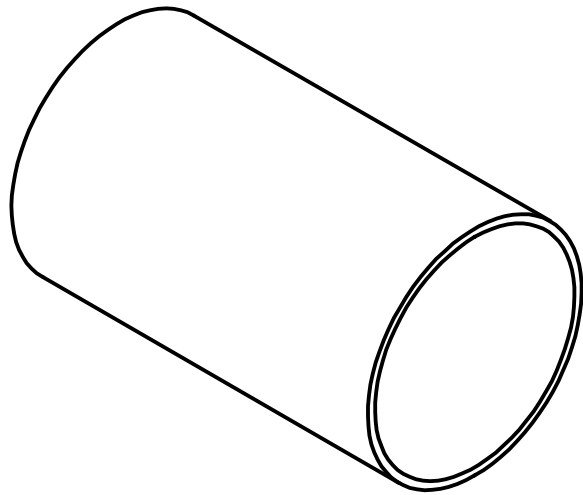
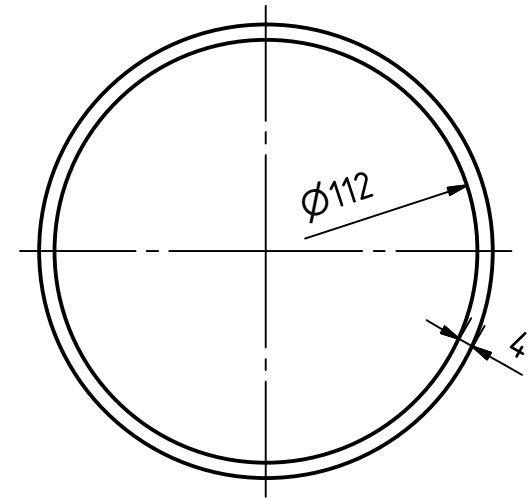
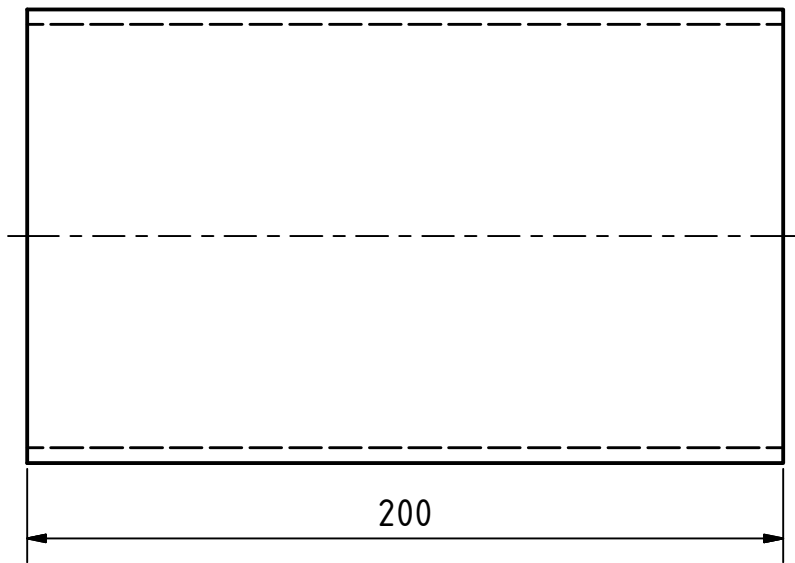
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Turbine		oseg_hww_Turbine.ipn			4.0
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
	 OPEN SOURCE ECOLOGY GERMANY		ASSEMBLY		1
UNICEF	OSEG	E.ON STIFTUNG	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0	1:8	27 /38





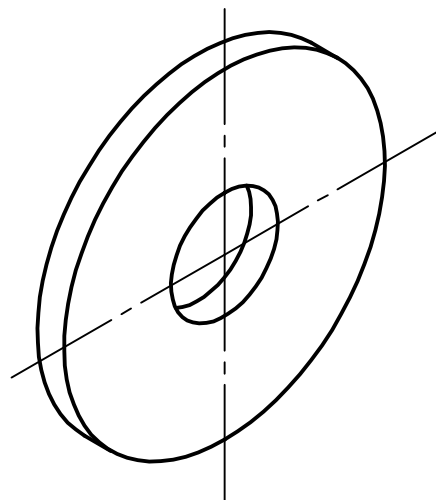
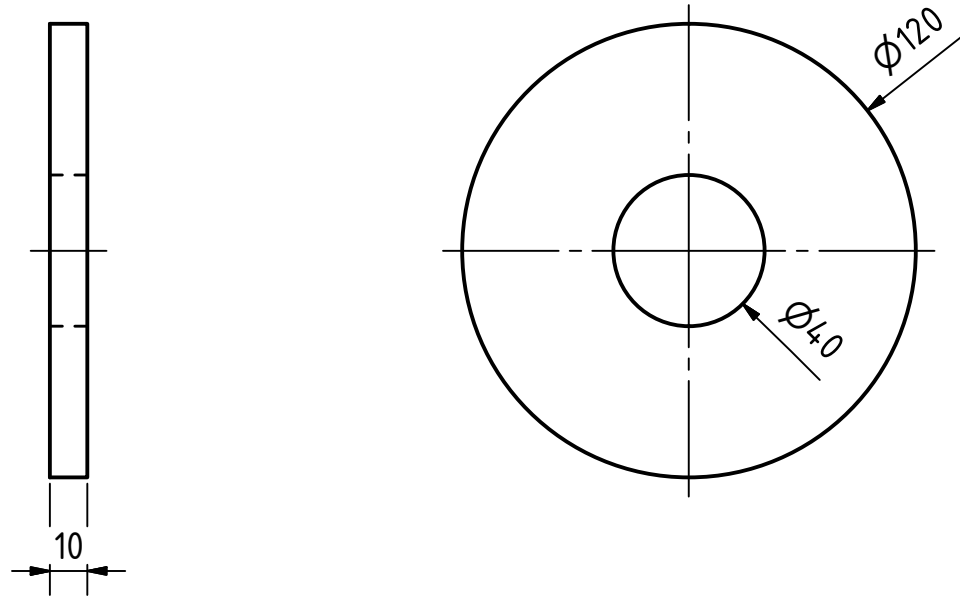
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Hub		oseg_hww_Hub.iam			4.1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			ASSEMBLY		1
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:4	28 /38





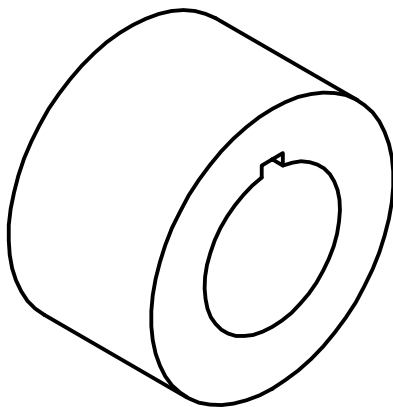
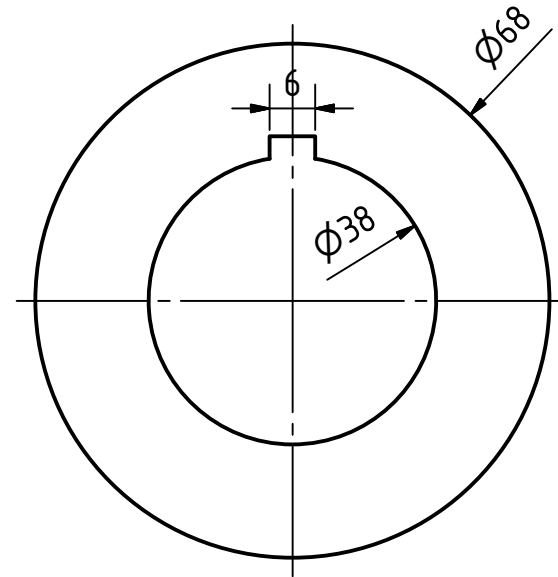
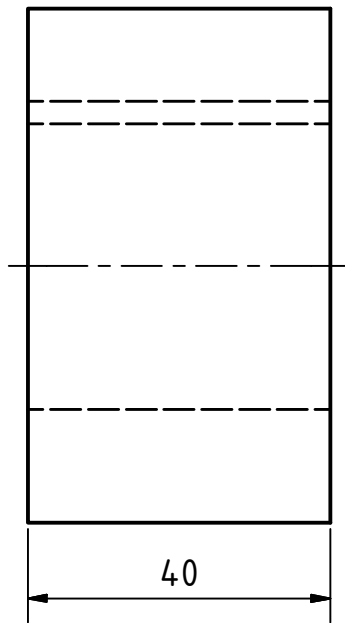
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Hub		oseg_hww_Hub.ipn			4.1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			ASSEMBLY		1
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:4	29 /38





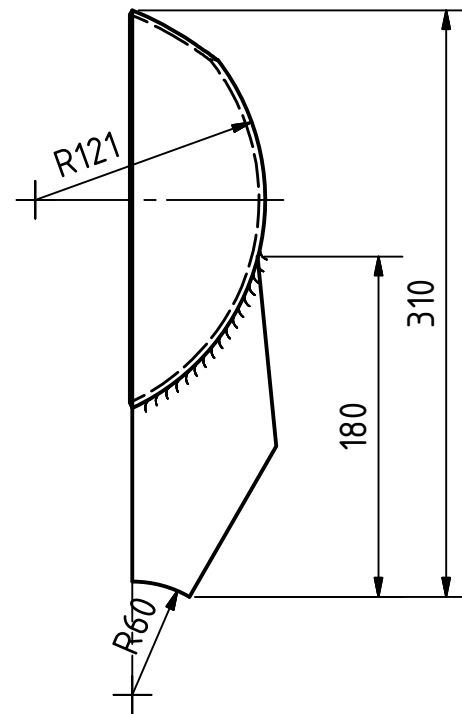
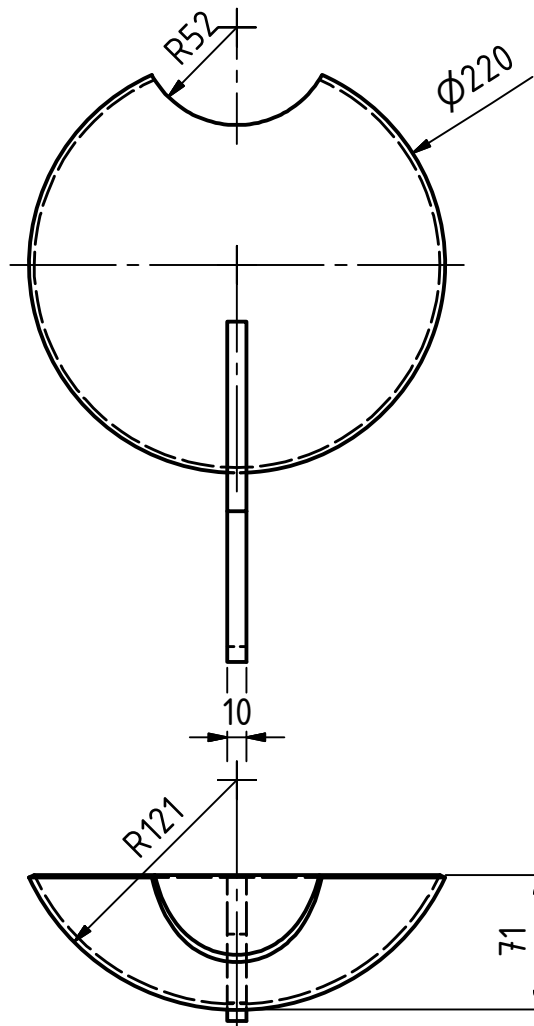
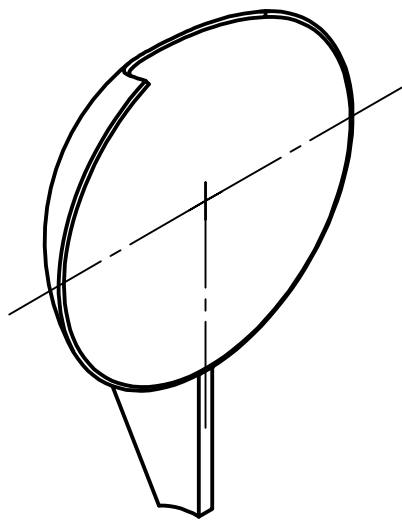
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Hub cylinder		oseg_hww_Hub-cylinder.ipt			4.1.1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	1
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:2	30 /38





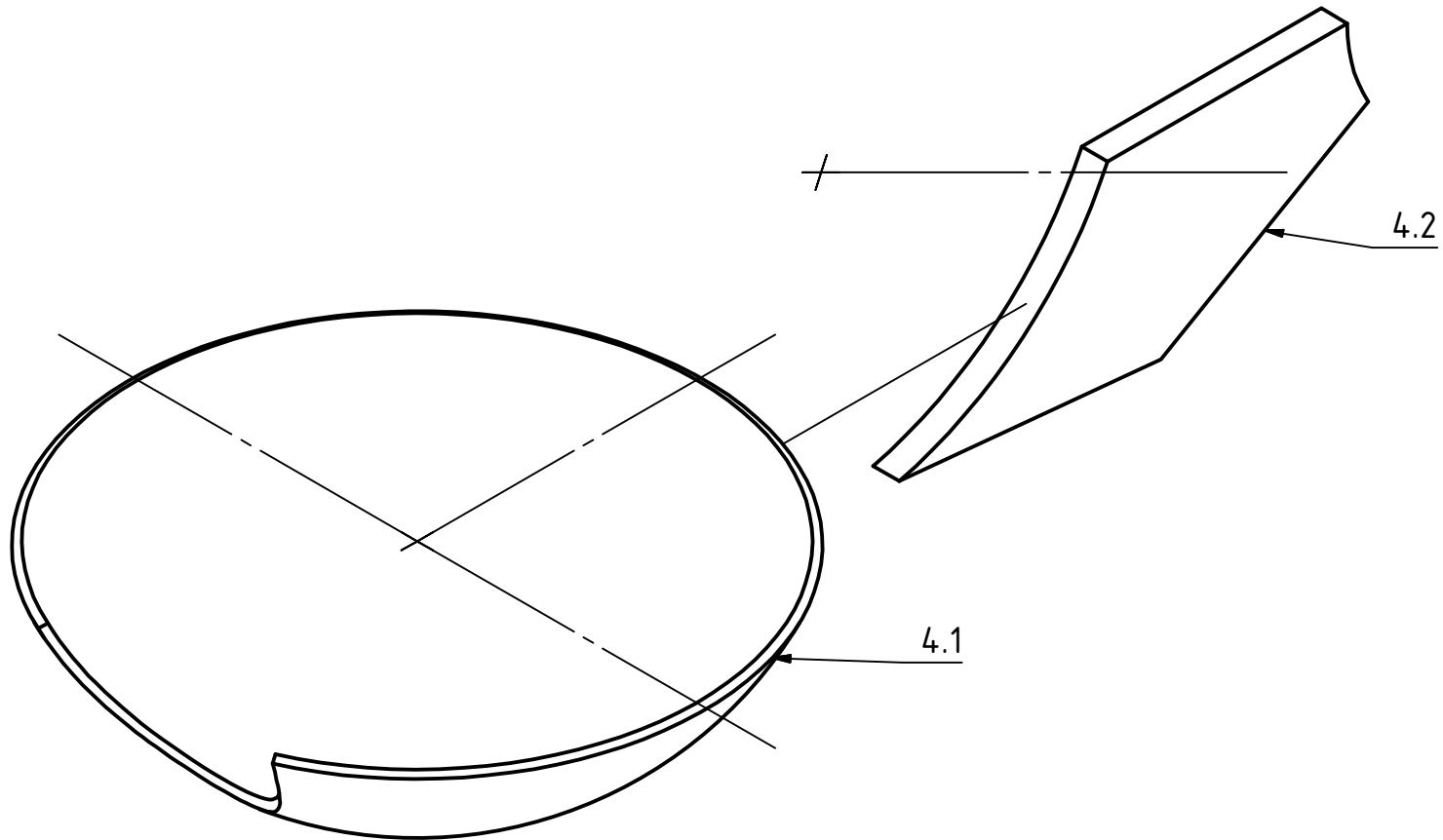
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Hub shaft		oseg_hww_Hub-shaft.ipt			4.1.2
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	2
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:2	31 /38





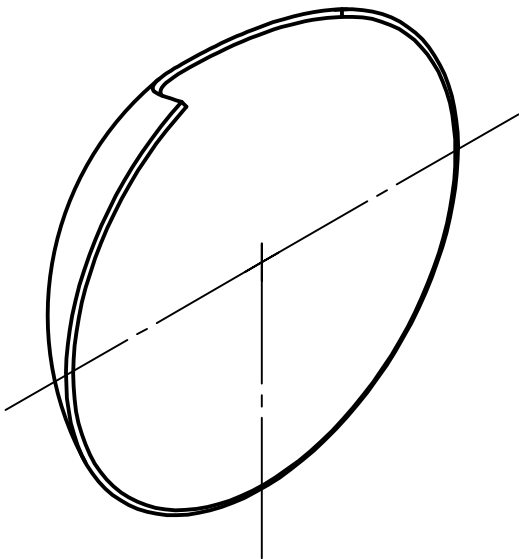
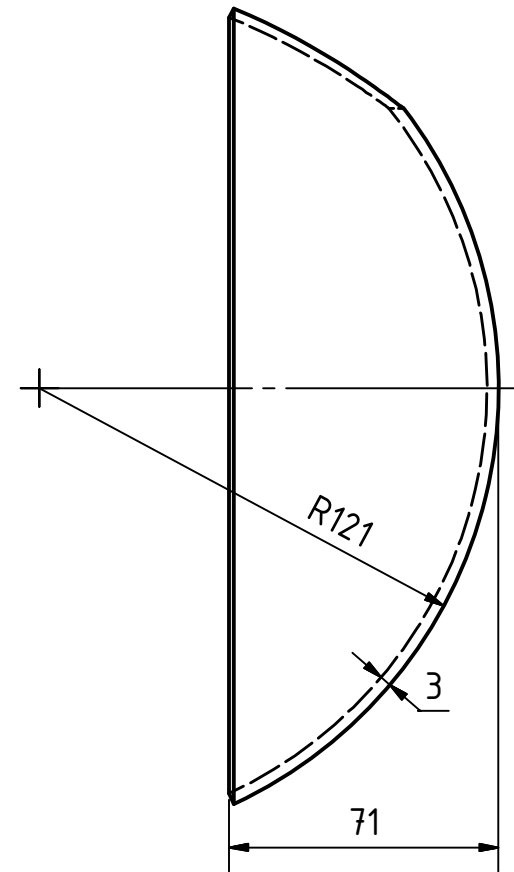
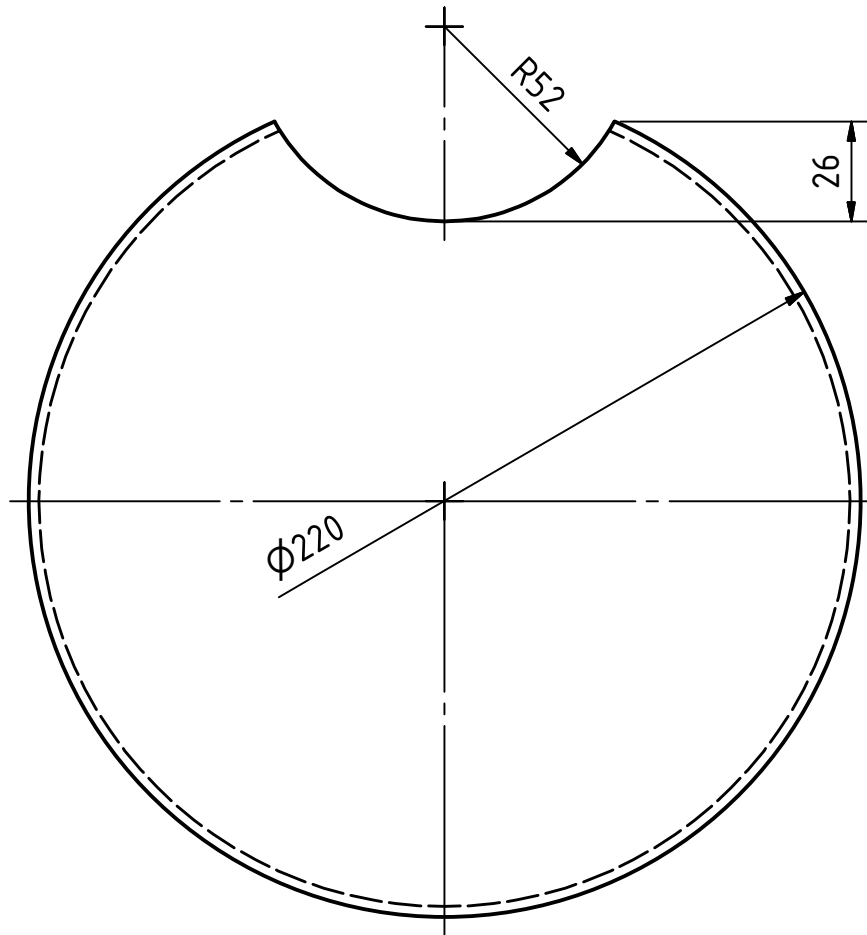
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Hub oring		oseg_hww_Hub-ring.ipt			4.1.3
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	2
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:2	32 /38





PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Spoon		oseg_hww_Spoon-one.iam			4.2
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			ASSEMBLY		12
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:4	33 /38

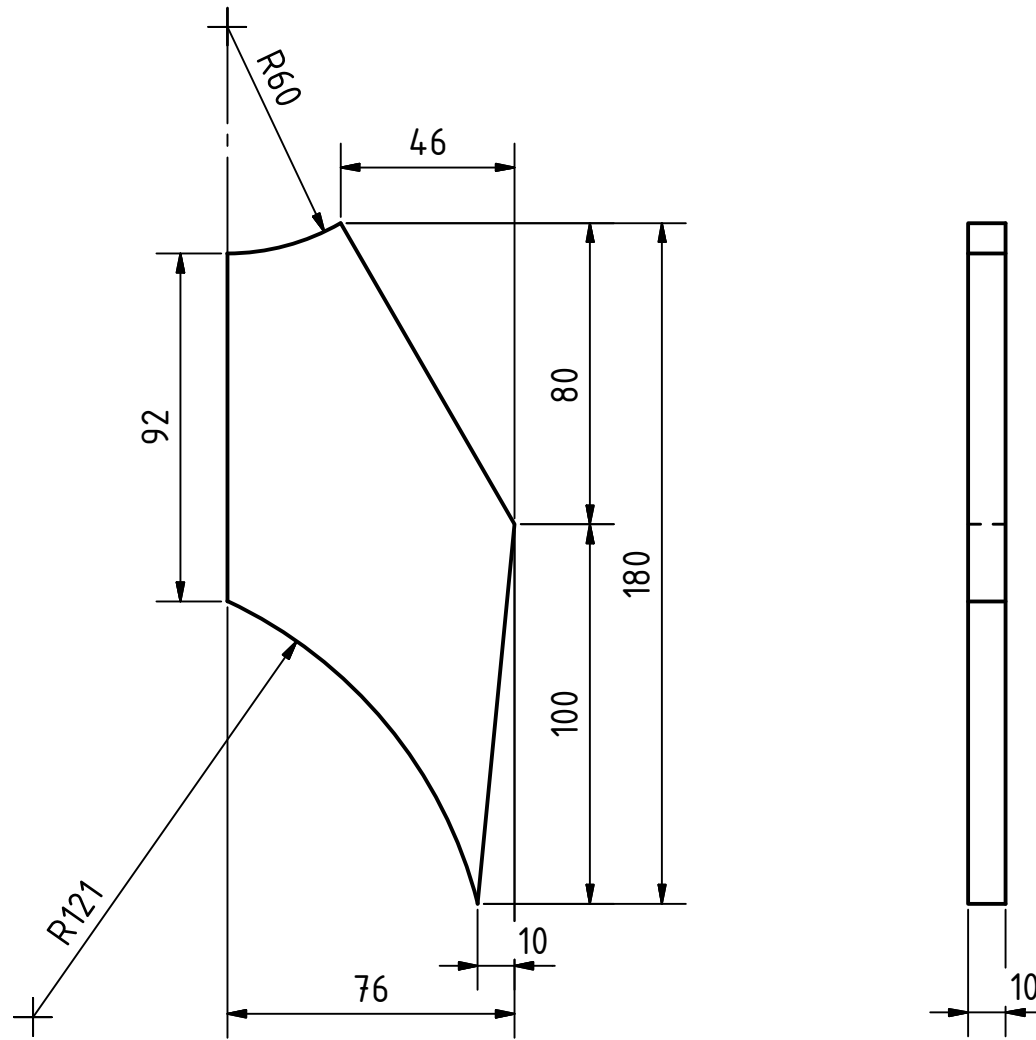
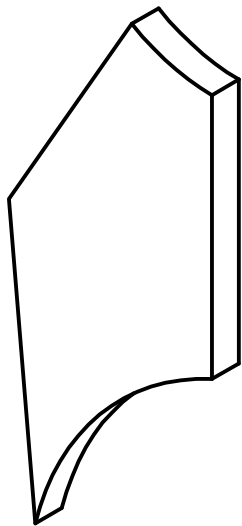




PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Spoon		oseg_hww_Spoon-one.ipn			4.2
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			ASSEMBLY		12
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:2	34 /38

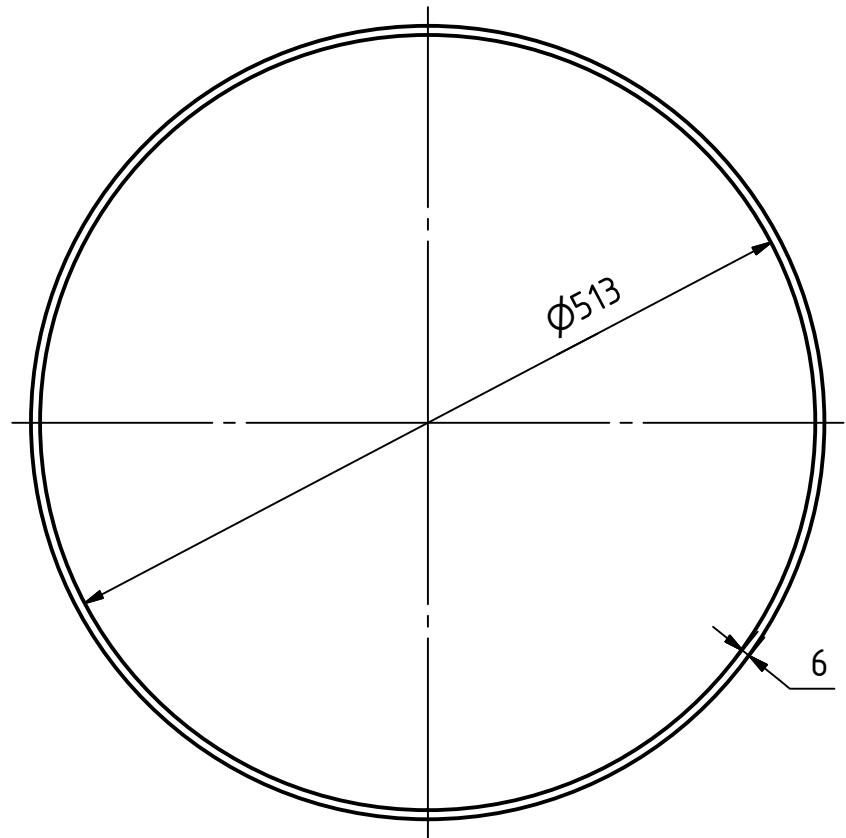
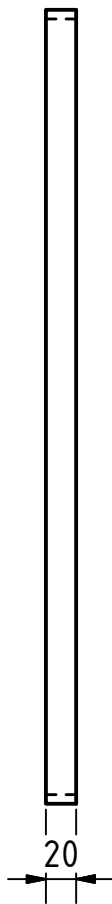
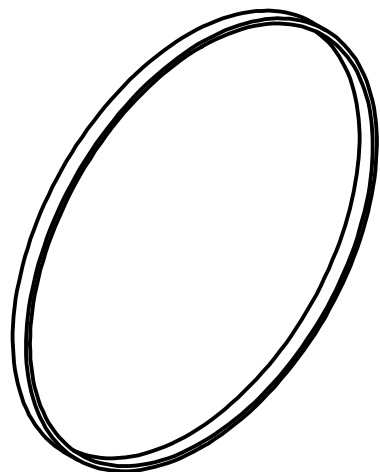




Spoons forged into Shape
cutting D: 275, 3mm thick

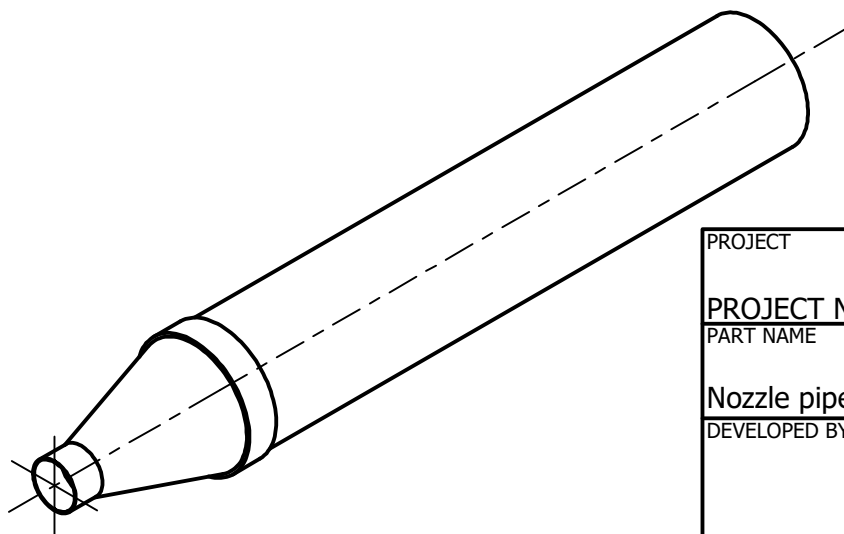
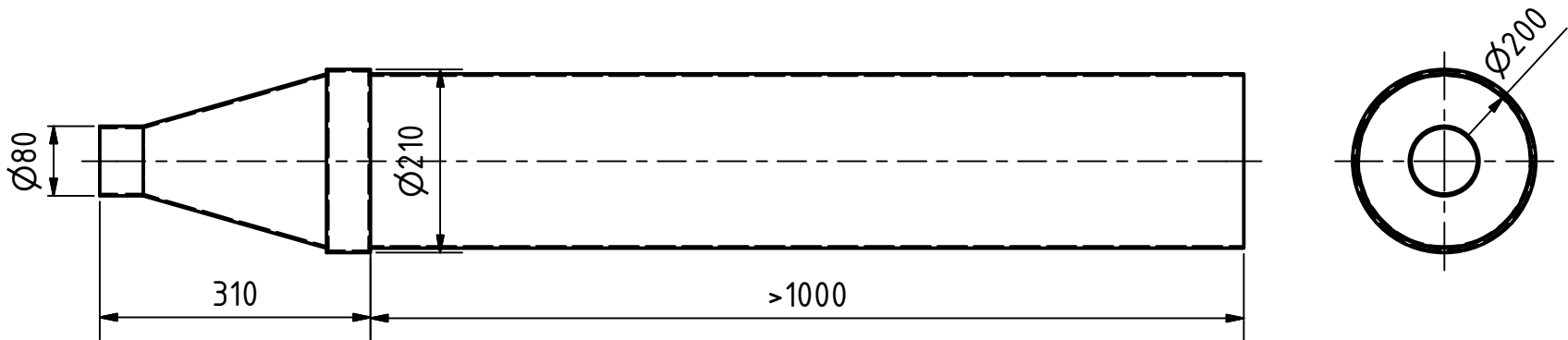
PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Spoon		oseg_hww_Spoon.ipt			4.2.1
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
	 OPEN SOURCE ECOLOGY GERMANY	 E.ON STIFTUNG	PART LICENCE	Steel C45	12
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	SCALE	SHEET
				1:2	35 /38





PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Spood shaft		oseg_hww_Spood-shaft.ipt			4.2.2
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	12
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:2	36 /38



PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Spoon ring		oseg_hww_Spoon-ring.ipt			4.3
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART	Steel C45	2
	OPEN SOURCE ECOLOGY GERMANY		LICENCE	SCALE	SHEET
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	1:5	37 /38



PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
PROJECT NAME		D.MOSQUERA	A. MORILLO	20-05-21	1.0
PART NAME		FILE NAME			PART CODE
Nozzle pipe		oseg_hww_Nozzle-pipe.ipt			8.0
DEVELOPED BY	REDESIGNED BY	SUPPORTED BY	DOC. TYPE	MATERIAL	QUANTITY
			PART LICENCE	Galvanized Steel	1
UNICEF	OSEG	E.ON STIFTUNG	CC-BY-SA 4.0	SCALE	SHEET
				1:8	38 /38