
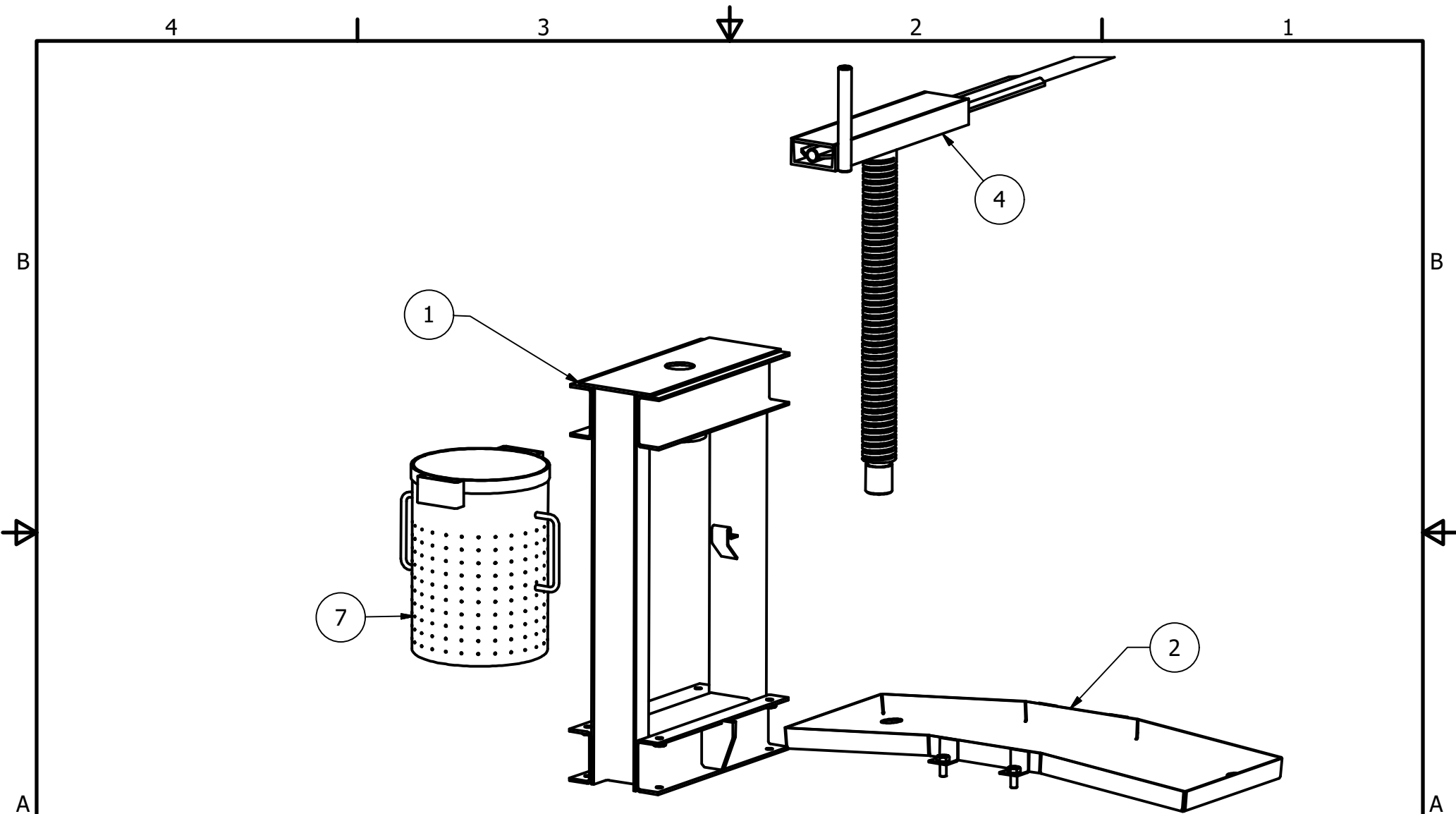




Project	SCREW PRESS	Created by D. Mosquera	Approved by D. Jeager		
Part Name	SCREW PRESS	Part Code	Document Type ASSEMBLY	Material	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License CERN-OHL	File Name oseg_sp_A_srew-press.iam	Version 1.0	Quantity	
		Scale 1:8	Sheet 1/30	Date 14.10.20	



Project	SCREW PRESS	Created by D. Mosquera	Approved by D. Jeager		
Part Name	SCREW PRESS	Part Code	Document Type ASSEMBLY	Material	
 OPEN SOURCE ECOLOGY GERMANY	Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License CERN-OHL	File Name oseg_sp_A_srew-press.ipn	Version 1.0	Quantity
			Scale 1:10	Sheet 2/30	Date 14.10.20

PART LIST							
Pos.	P.Old	Qty.	Part name	File name	Part type	Specifications	Sheet
A			SCREW PRESS	oseg_sp_A_srew-press.	Assembly		1/30
B			Parts list	oseg_sp_B_parts-list.			2/30
1	3	1	Main frame	oseg_sp_1_main-frame.iam	Assembly		3/30
1.1		1	Horizontal front base	oseg_sp_1.1_horizontal-front-base.ipt	Part	STEEL PROFILE UP 100 x 50	4/30
1.2		1	Horizontal base	oseg_sp_1.2_horizontal-base.ipt	Part	STEEL PROFILE UP 100 x 50	5/30
1.3		1	Profile column	oseg_sp_1.3_profile-column.ipt	Part	STEEL PROFILE UP 100 x 50	6/30
1.4		1	Upper frame profile	oseg_sp_1.4_upper-frame-profile.ipt	Part	STEEL PROFILE UP 100 x 50	7/30
1.5		1	Upper sheet	oseg_sp_1.5_upper-sheet.ipt	Part	Sheet e:6.0 mm-Stainless Steel A-306	8/30
1.6		1	Base reinforcement	oseg_sp_1.6_base-reinforcement.ipt	Part	Sheet e:6.0 mm-Stainless Steel A-306	9/30
1.7		1	Socalo nut	oseg_sp_1.7_socalo-nut.ipt	Part	Barr D:100.0 mm Stainless Steel A-306	10/30
1.8	7	1	Fixed nut	oseg_sp_1.8_fixed-nut.ipt	Part	Barr D:82.0 mm Stainless Steel A-306	11/30
1.9		1	Centering support	oseg_sp_1.9_centering-support.ipt	Part	Sheet e:2.5 Stainless Steel A-306	12/30
2	8	1	Cage	oseg_sp_2_cage.iam	Assembly		13/30
2.1	4	1	Tray	oseg_sp_2.1_tray.ipt	Part	Sheet e:2.5 Stainless Steel A-306	14/30
2.2		1	Fixer	oseg_sp_2.2_fixer.ipt	Part	Sheet e: 3.5 Stainless Steel A-306	15/30
2.3	26	4	Screw 12 mm	oseg_sp_2.3_screw-12-mm.ipt	Part	Screw Hex 12M	
2.4		4	Nut 12 mm	oseg_sp_2.4_nut-12-mm.ipt	Standard	Hex Nut	
3	8	1	Collecting tray	oseg_sp_3_collecting-tray.iam	Assembly		16/30
3.1		1	Collecting cylinder	oseg_sp_3.1_collecting-cylinder.ipt	Part	Sheet e: 3.5 Stainless Steel A-306	17/30
3.2		2	Collector handle	oseg_sp_3.2_collector-handle.ipt	Part	Barr D:10.0 mm Stainless Steel A-306	18/30
3.3		1	Edge ring	oseg_sp_3.3_edge-ring.ipt	Part	Sheet e: 2.5 Stainless Steel A-306	19/30
3.4		2	Centering device	oseg_sp_3.4_centering-device.ipt	Part	Sheet e:2.5 Stainless Steel A-306	20/30

Project SCREW PRESS		Created by D. Mosquera		Approved by D. Jeager		
Part Name SCREW PRESS		Part Code		Document Type Part List		
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426		License CERN-OHL		File Name		
				Scale		Version 1.0
				Sheet 3/30		Date 14.10.20

4


3

2

1

PART LIST

Pos.	P.Old	Qty.	Part name	File name	Part type	Specifications	Sheet
A			SCREW PRESS		Assembly		1/35
B			Parts list				3/35
4		1	Pressing assembly	oseg_sp_4_pressing-assembly.iam	Assembly		21/30
4.1	5	1	Press disc	oseg_sp_4.1_press-disc.ipt	Part	Sheet e:20.0 mm-Stainless Steel A-306	22/30
4.2		1	Disk core	oseg_sp_4.2_disk-core.ipt	Part	Barr D:70.0 mm Stainless Steel A-306	23/30
4.3		1	Screw column	oseg_sp_4.3_screw-column.ipt	Part	Barr D:64.0 mm Stainless Steel A-306	24/30
4.4		1	Arm profile	oseg_sp_4.4_arm-profile.ipt	Standard	STEEL PROFILE UP 100 x 50	25/30
4.5		1	Arm cover	oseg_sp_4.5_arm-cover.ipt	Part	Sheet e:6.0 mm-Stainless Steel A-306	26/30
4.6	9	1	Torque arm tube	oseg_sp_4.6_torque-arm-tube.ipt	Part	Tube D:22.0 mm SQD40 Stainless Steel A-306	27/30
4.7	9	1	Torque arm reinforcement	oseg_sp_4.7_torque-arm-reinforcement.ipt	Part	Sheet e: 6.0 mm-Stainless Steel A-306	28/30
4.8		1	Crank handle	oseg_sp_4.8_crank-handle.ipt	Part	Barr D:25.4 mm Stainless Steel A-306	29/30
4.9	10	4	Pressing discs	oseg_sp_4.9_pressing-discs.ipt	Part	Sheet e: 6.0 mm-Stainless Steel A-306	30/30

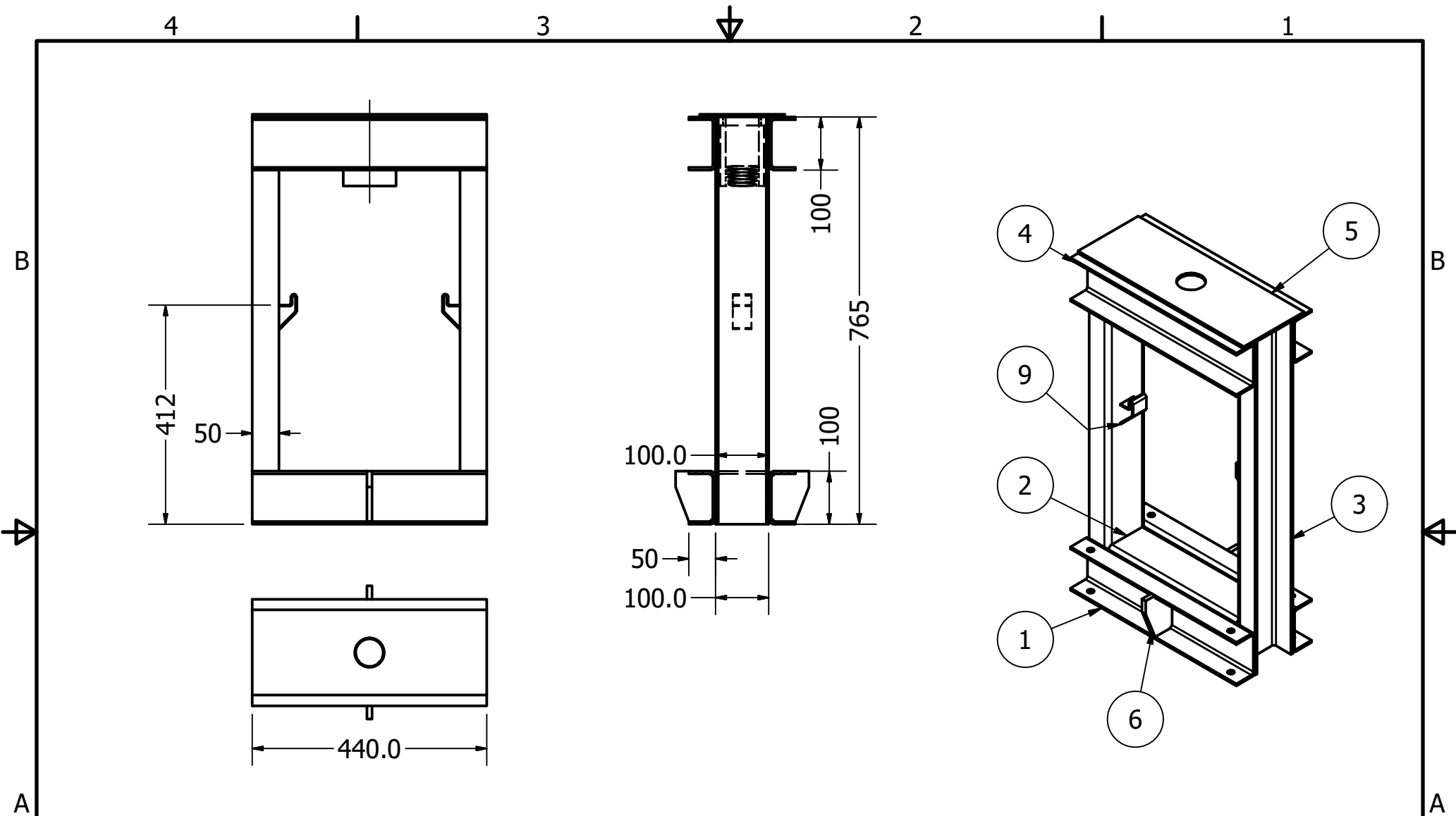
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Part Name	SCREW PRESS	Part Code	Document Type Part List		Material	
 <p>Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426</p>	License CERN-OHL	File Name		Version 1.0	Quantity	
		Scale	Sheet 4/35	Date 14.10.20		


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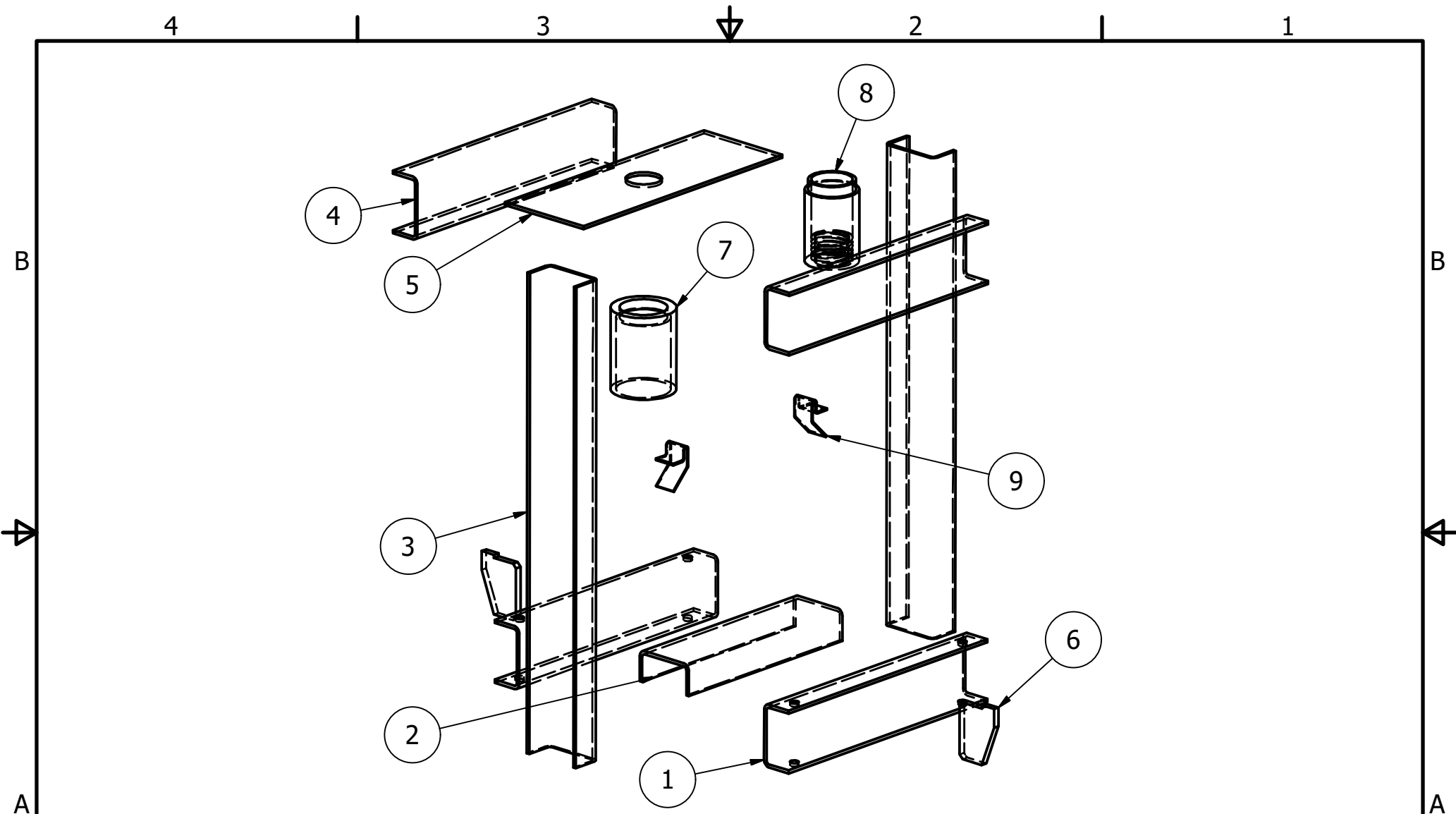
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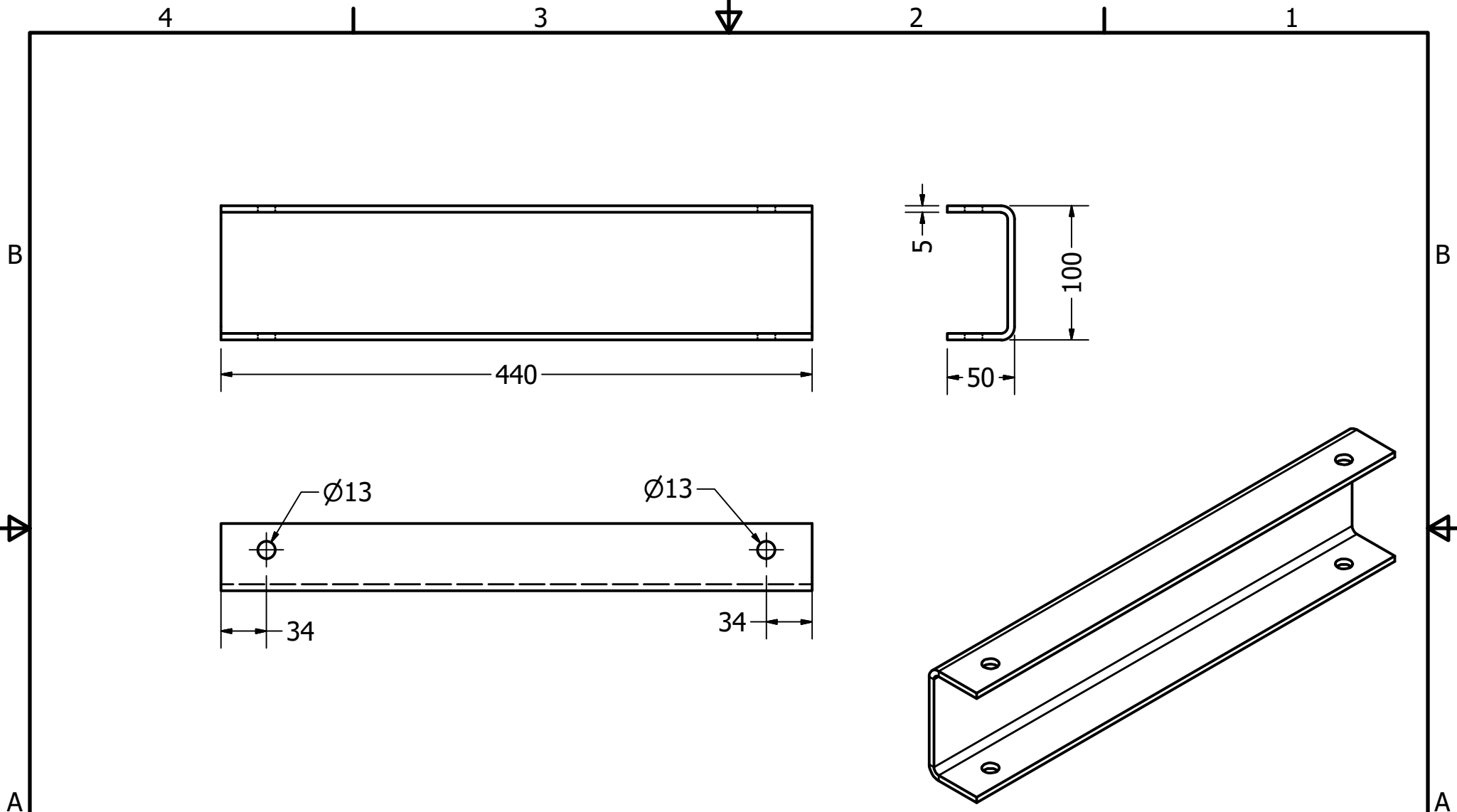
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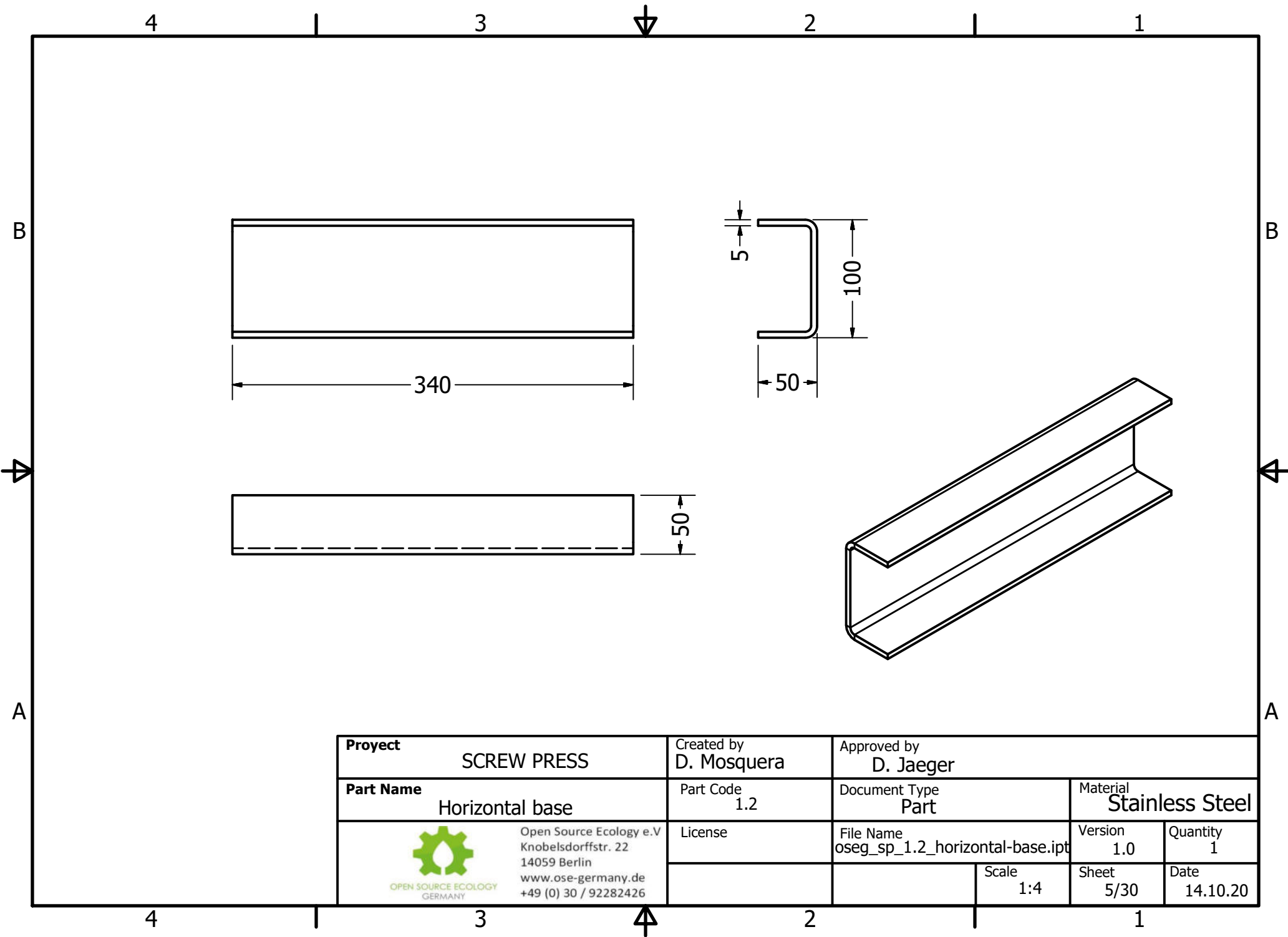
Project	SCREW PRESS	Created by D. Mosquera	Approved by D. Jaeger		
Part Name	Main Frame	Part Code 1.0	Document Type ASSEMBLY	Material	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name oseg_sp_1_main-frame.iam	Version 1.0	Quantity	
			Scale	Sheet 3/30	Date 14.10.20




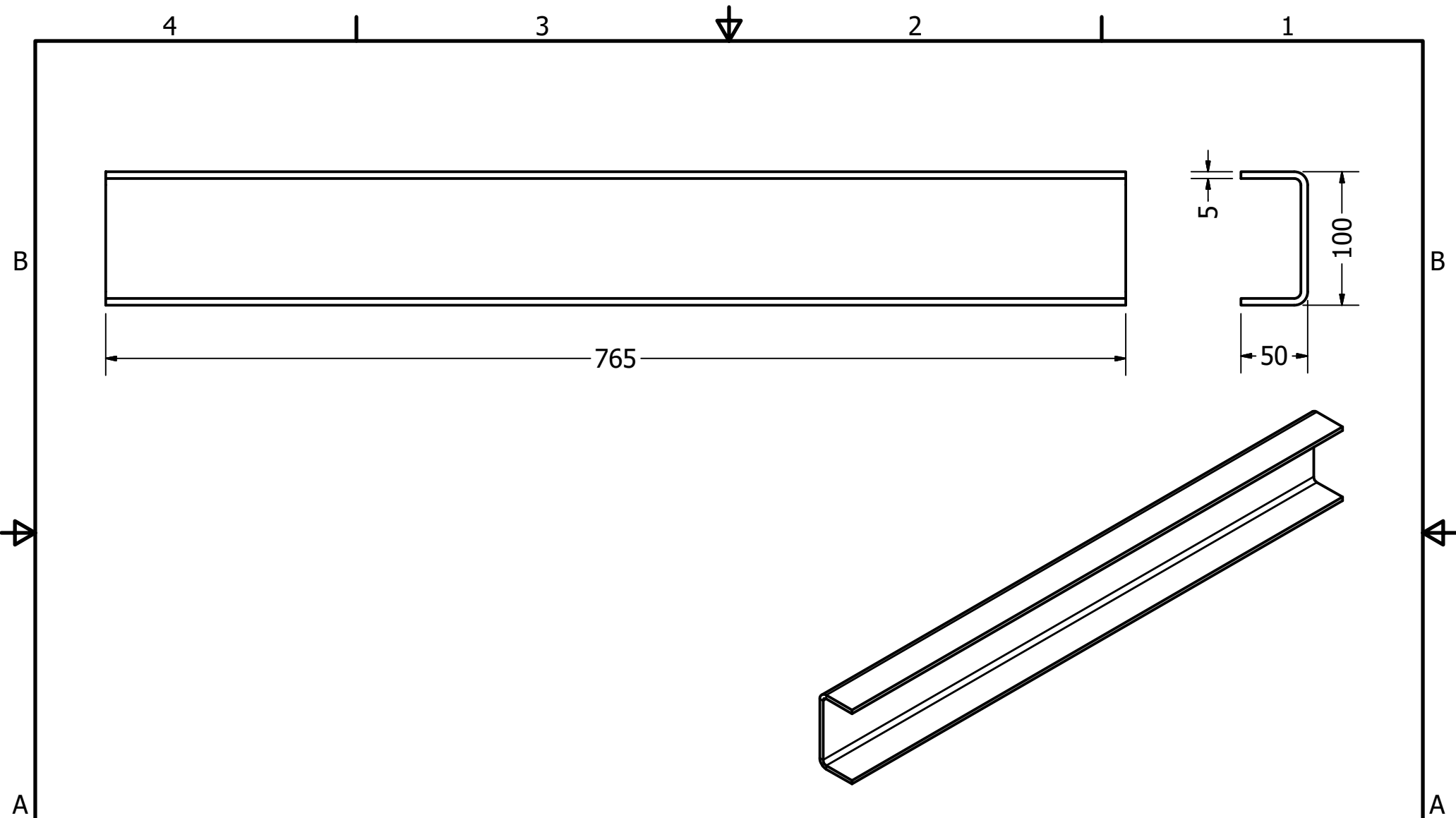
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Part Name MAIN FRAME		Part Code	Document Type ASSEMBLY	Material	
 <p>Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426</p>	License	File Name oseg_sp_1_main-frame.iam	Version 1.0	Quantity	
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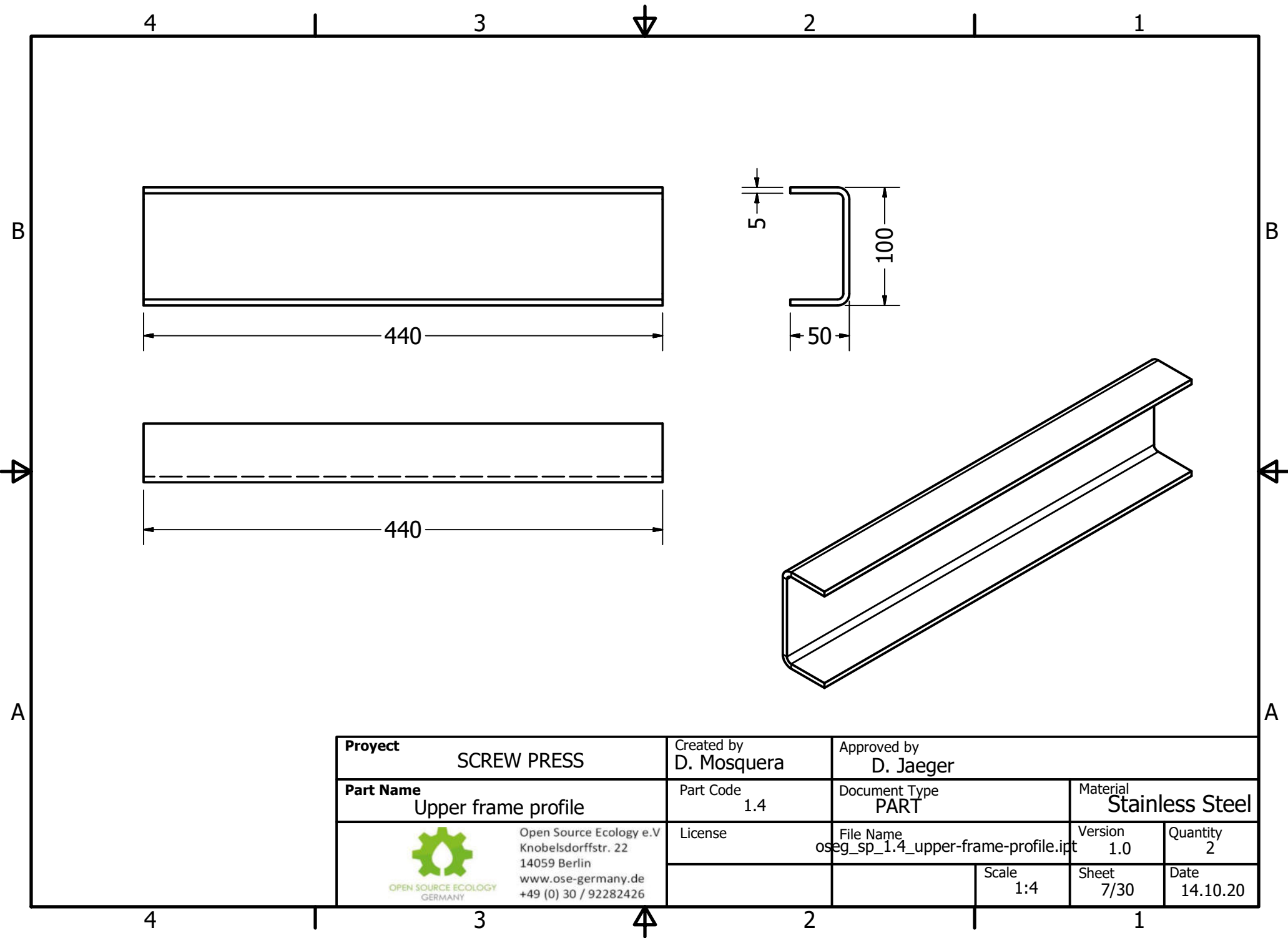
Project SCREW PRESS		Created by D. Mosquera	Approved by D. Jaeger		
Part Name Horizontal front base		Part Code 1.1	Document Type PART	Material Stainless Steel	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name oseg_sp_1.1_horizontal-front-base.ipt	Version 1.0	Quantity 2	
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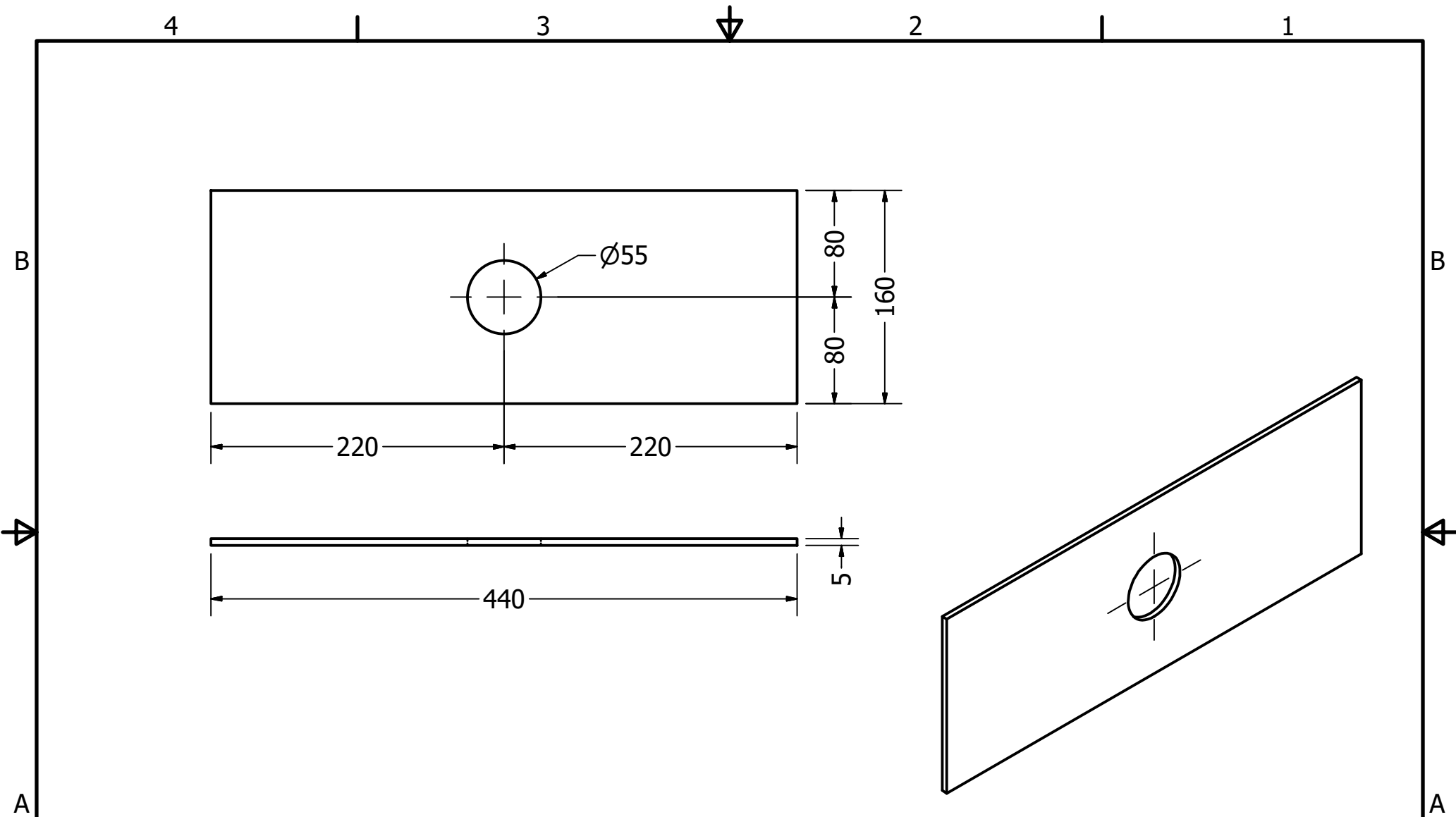
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Part Name	Horizontal base	Part Code	1.2		Document Type	Part		Material	Stainless Steel
 Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name			Version	Quantity			
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					5/30	14.10.20			




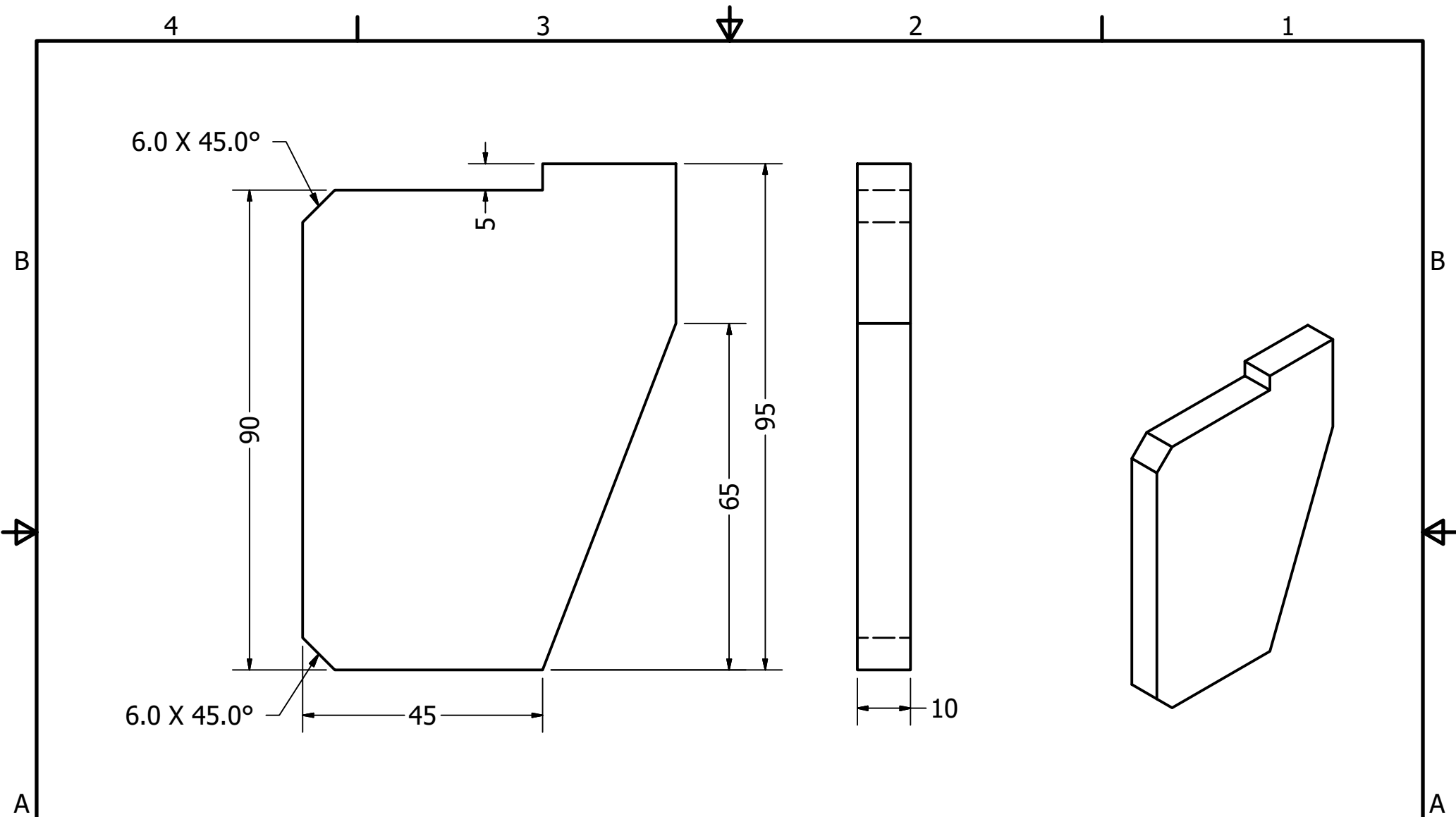
Project	SCREW PRESS	Created by D. Mosquera	Approved by D. Jaeger		
Part Name	Profile column	Part Code 1.3	Document Type Part	Material Stainless Steel	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name oseg_sp_1.3_profile-column.ipt	Version 1.0	Quantity 2	
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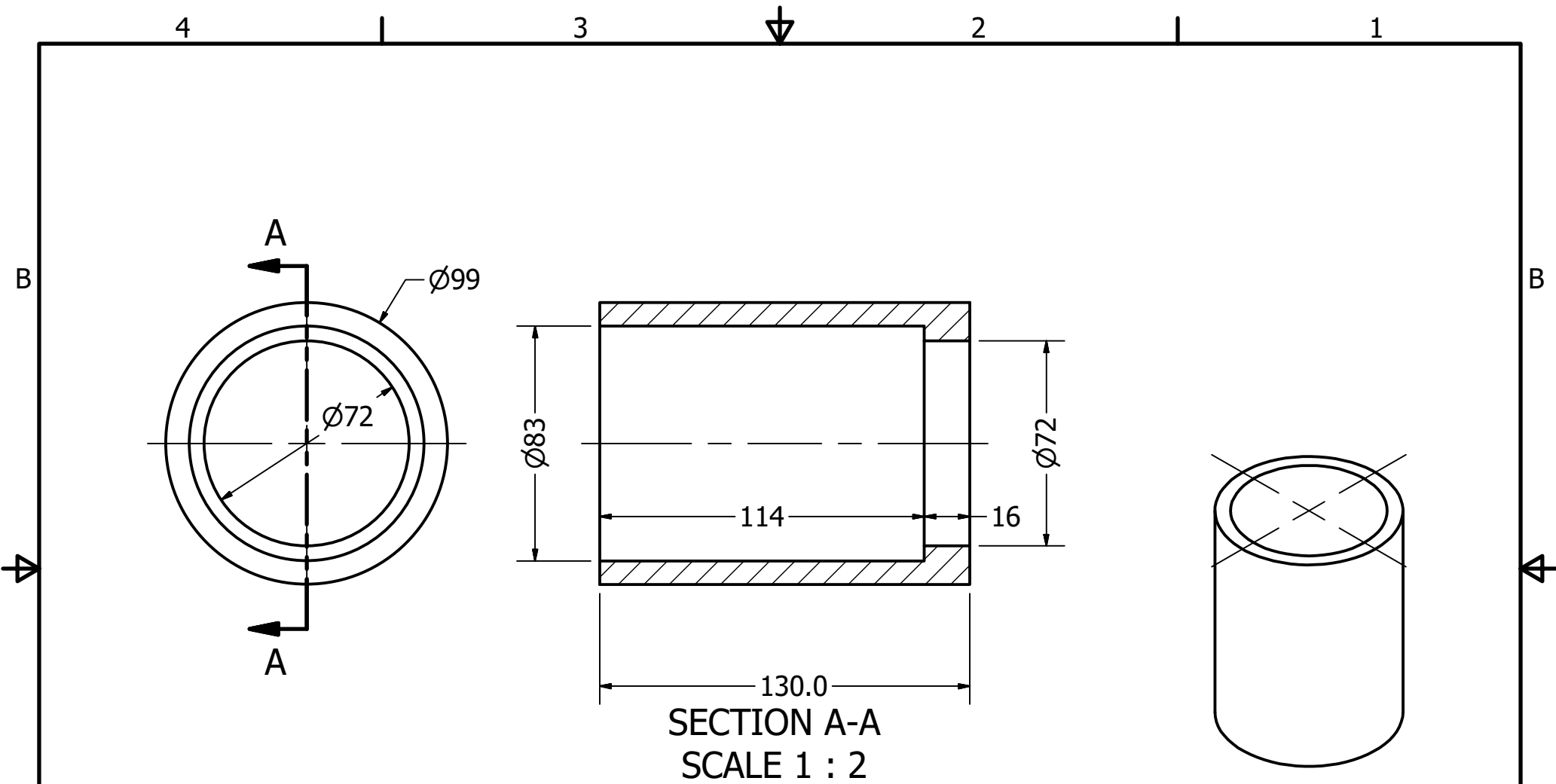
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Part Name Upper frame profile	Part Code 1.4	Document Type PART	Material Stainless Steel	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name oseg_sp_1.4_upper-frame-profile.ipt	Version 1.0	Quantity 2
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Project	SCREW PRESS	Created by	D. Mosquera			Approved by	D. Jaeger		
Part Name	Upper sheet	Part Code	1.5		Document Type	PART		Material	Generic
 Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name			Version	Quantity			
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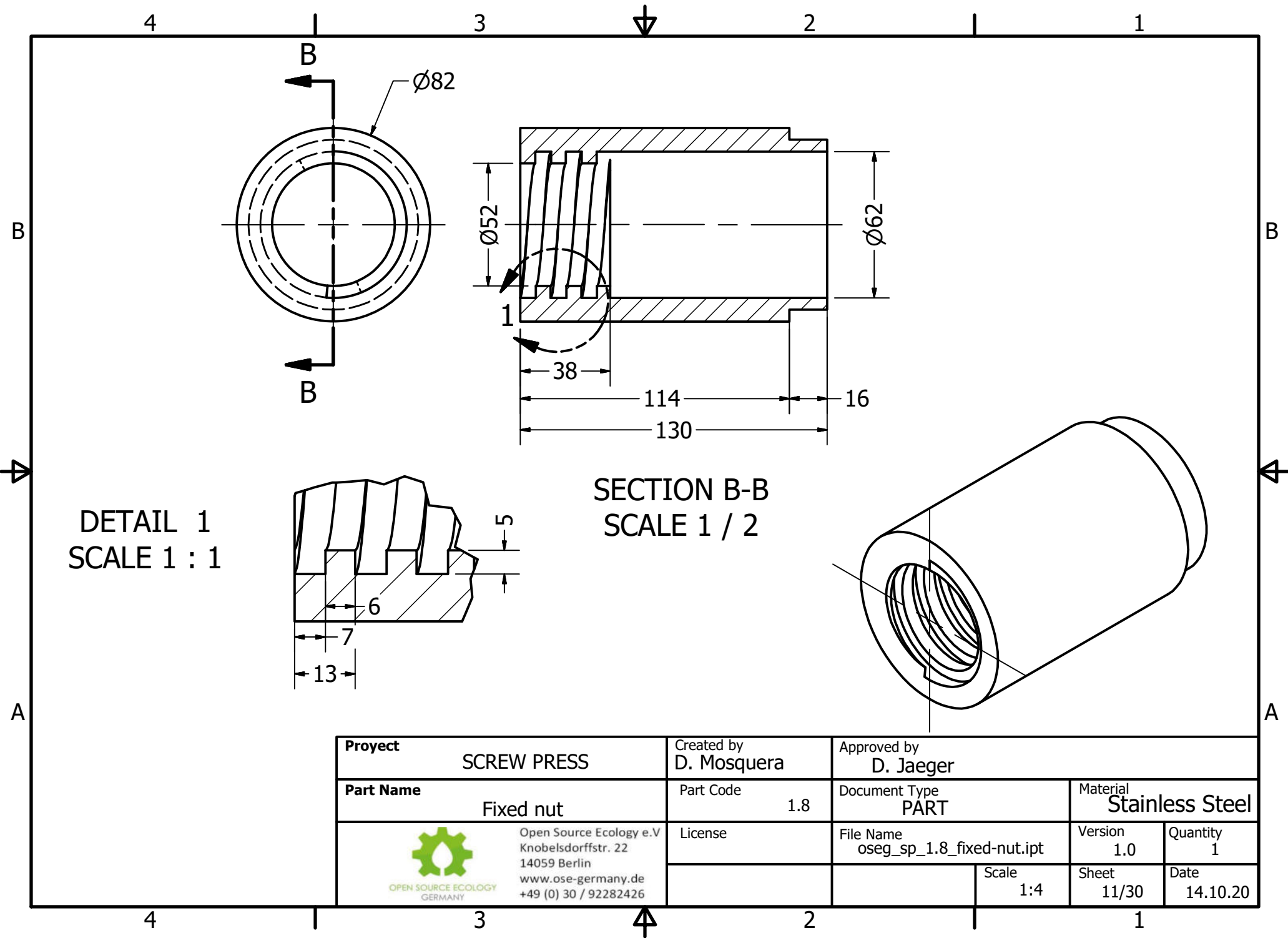


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Part Name Base Reinforcement		Part Code 1.6	Document Type PART	Material Stainless Steel	
 Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name Refuerz.ipt	Version 1.0	Quantity 2	
		Scale 1:4	Sheet 9/30	Date 14.10.20	




SECTION A-A
SCALE 1 : 2

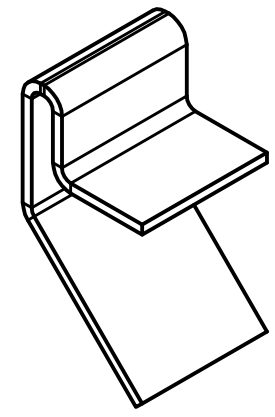
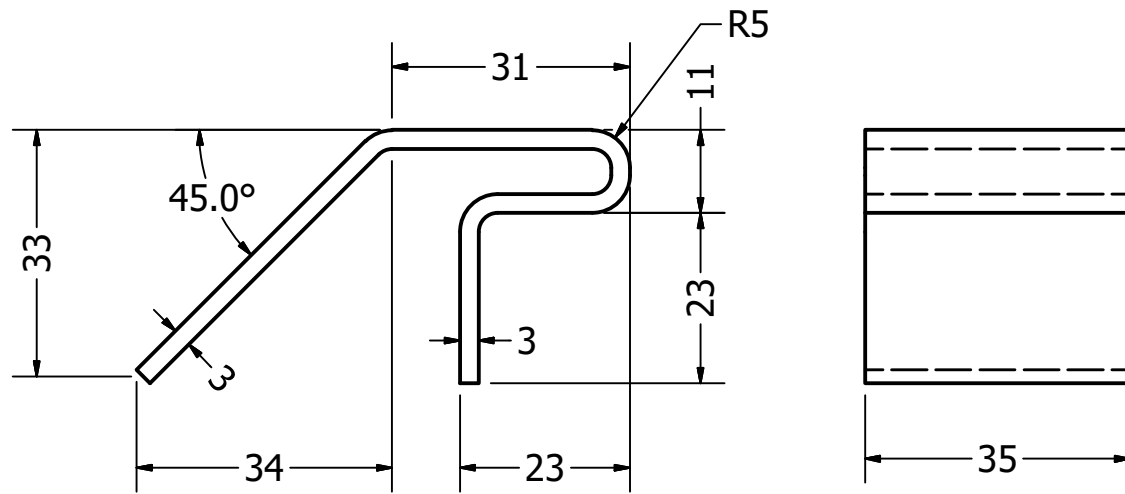
Project SCREW PRESS		Created by D. Mosquera		Approved by D. Jaeger	
Part Name Socalo nut		Part Code 1.7		Document Type PRODUCTION	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426		License		File Name oseg_sp_1.7_socalo-nut.ipt	
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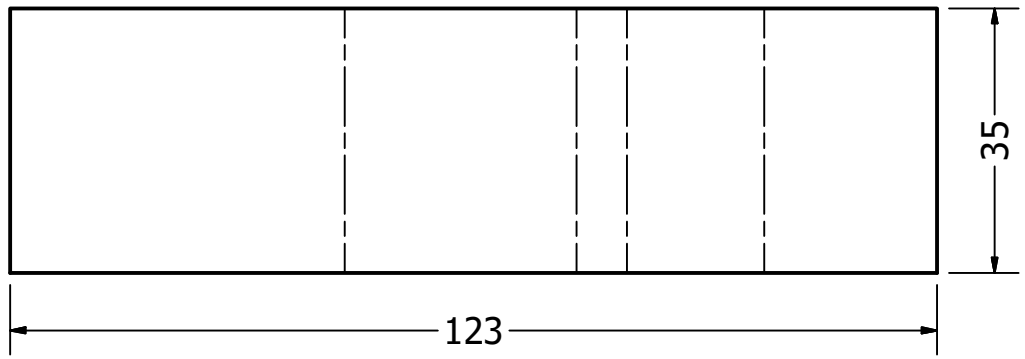
DETAIL 1
SCALE 1 : 1


SECTION B-B
SCALE 1 / 2

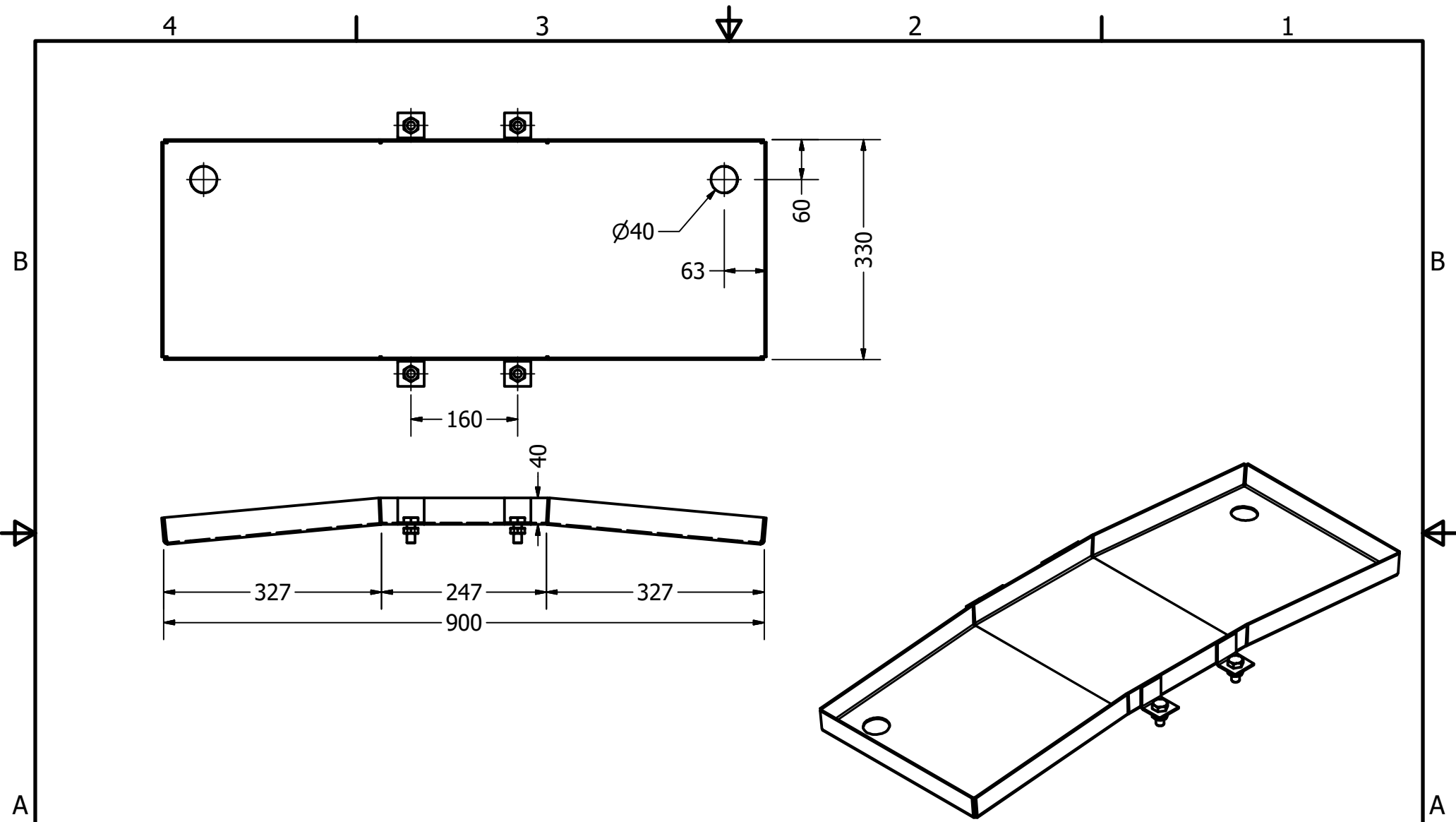
Project SCREW PRESS		Created by D. Mosquera	Approved by D. Jaeger		
Part Name Fixed nut		Part Code 1.8	Document Type PART		Material Stainless Steel
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name oseg_sp_1.8_fixed-nut.ipt		Version 1.0	Quantity 1
			Scale 1:4	Sheet 11/30	Date 14.10.20




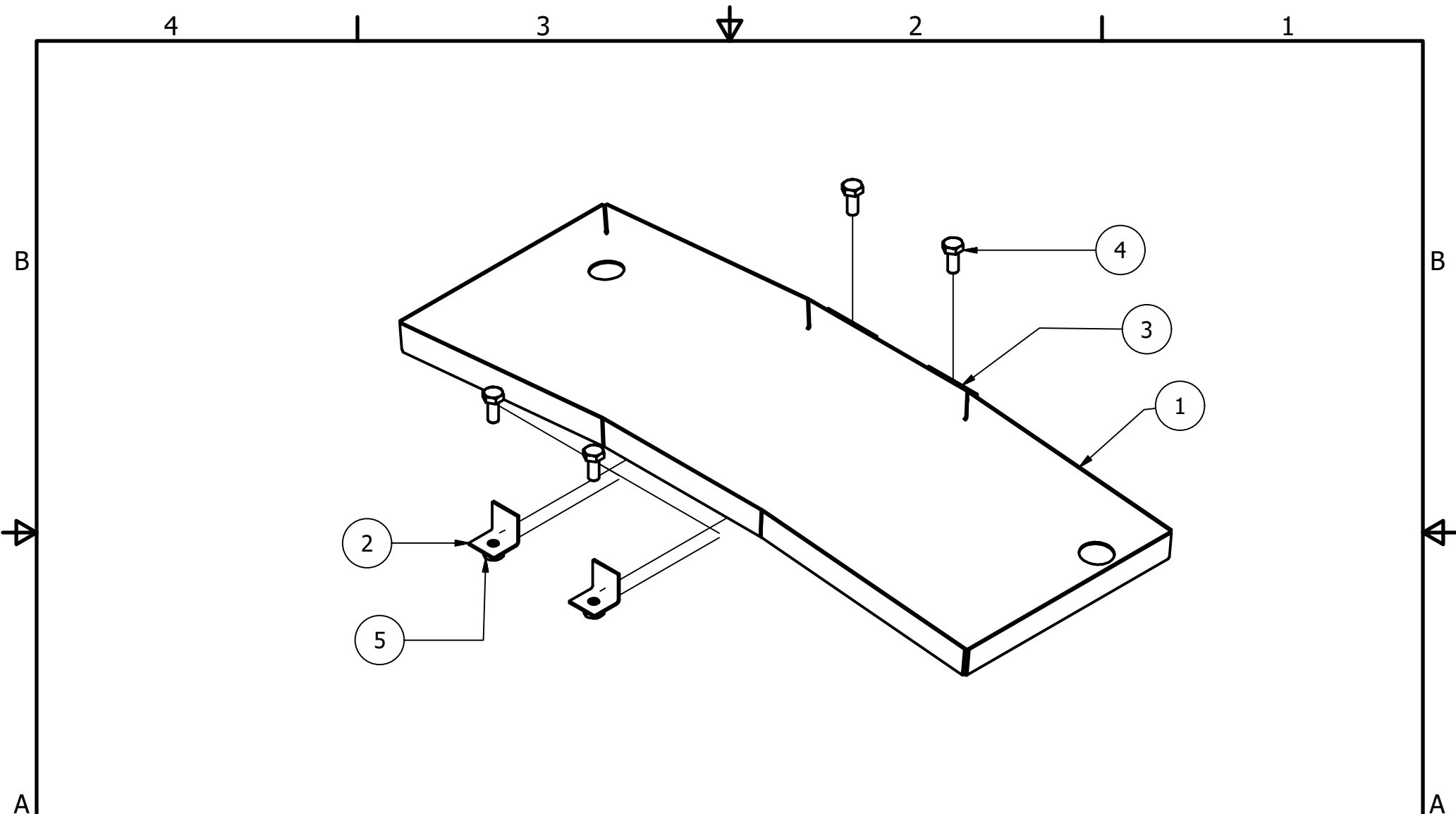
Flat Patter




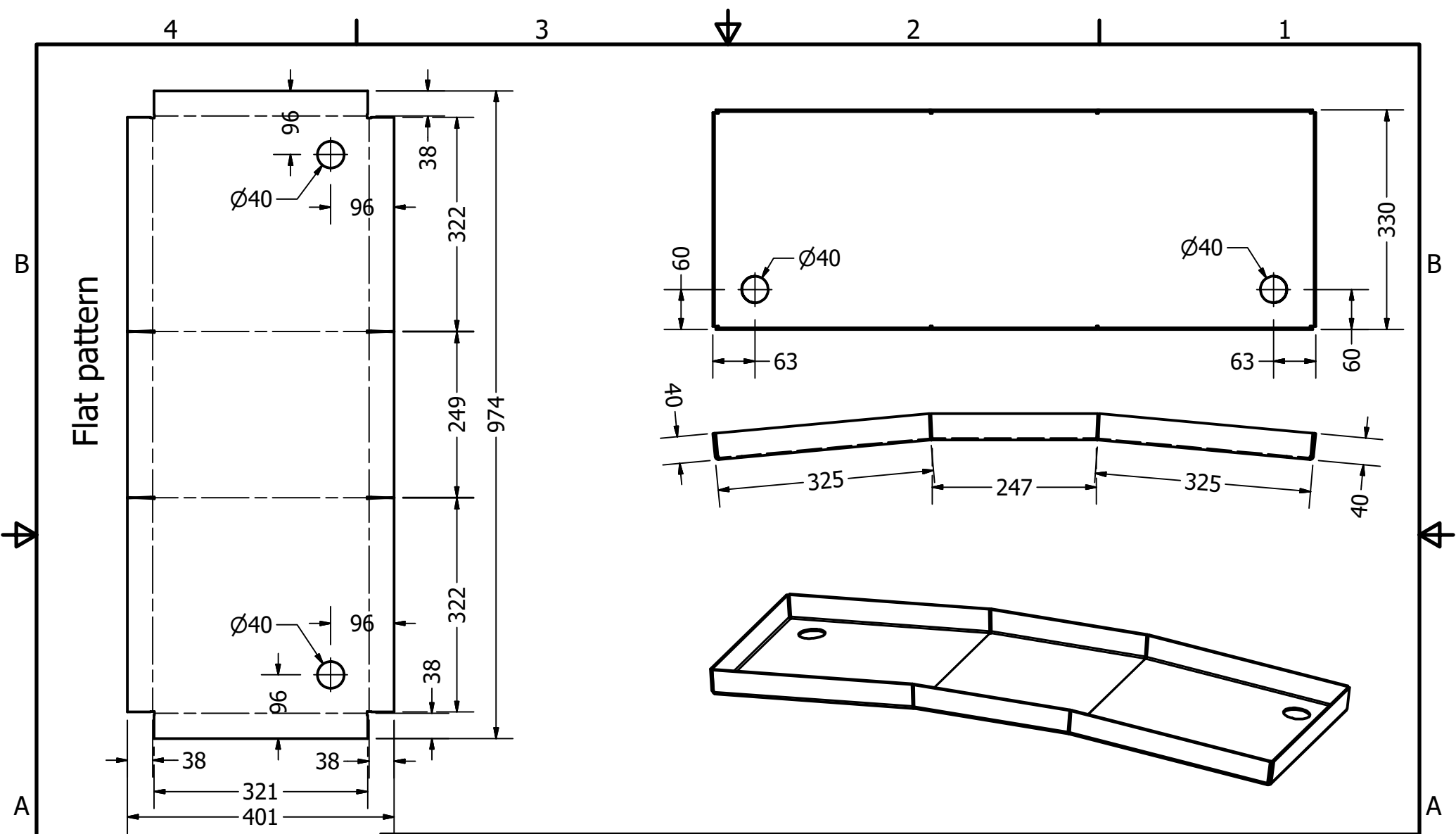
Project SCREW PRESS		Created by D. Mosquera		Approved by D. Jaeger	
Part Name Centering support		Part Code 1.9		Document Type PART	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426		License		File Name oseg_sp_1.9_centering-support.ipt	
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				Quantity 2	
				Sheet 12/30	
				Date 14.10.20	




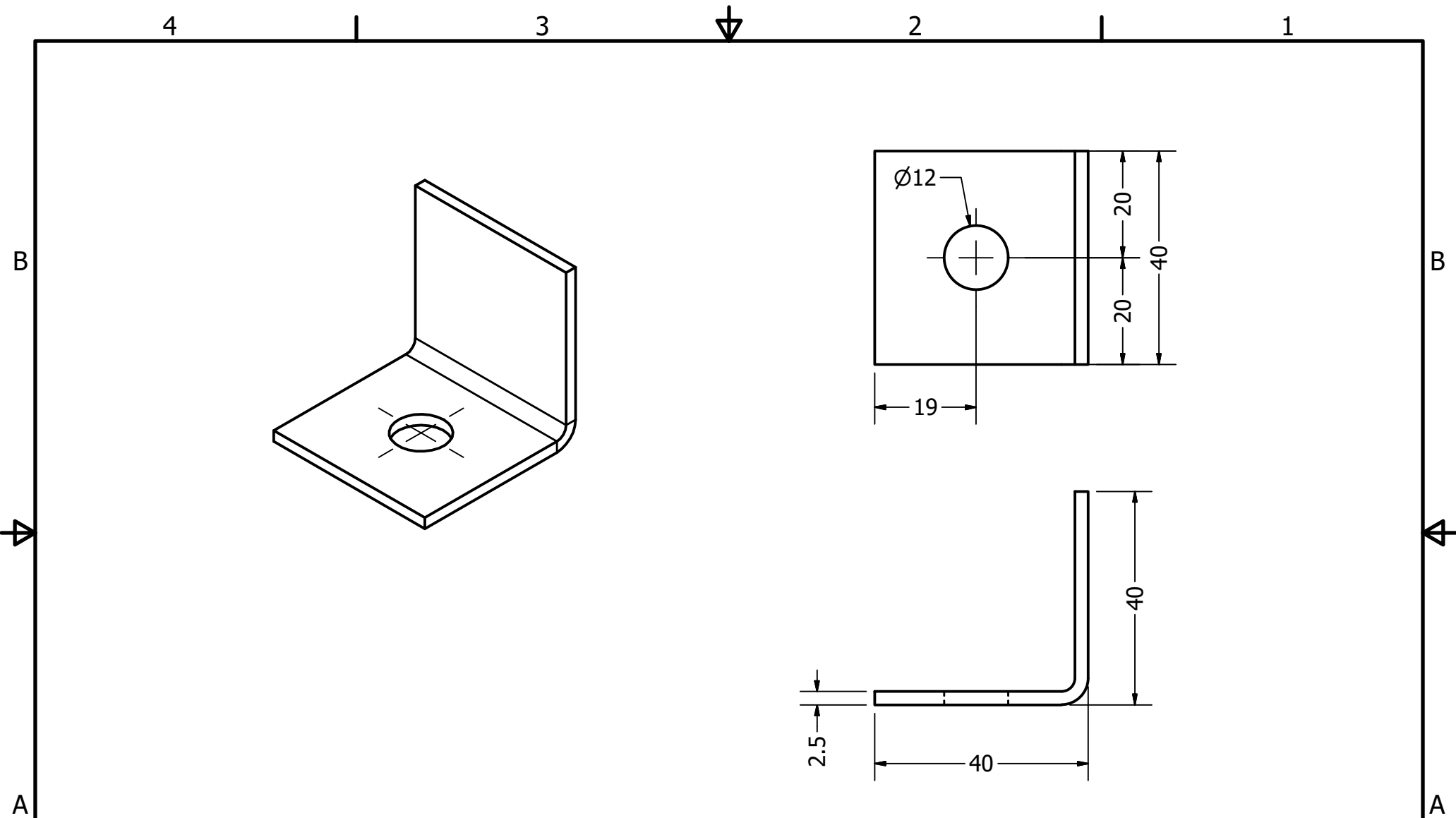
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Part Name Cage		Part Code 2.0		Document Type ASSEMBLY	
 <p>Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426</p>	License		File Name oseg_sp_2_cage.iam		Version 1.0
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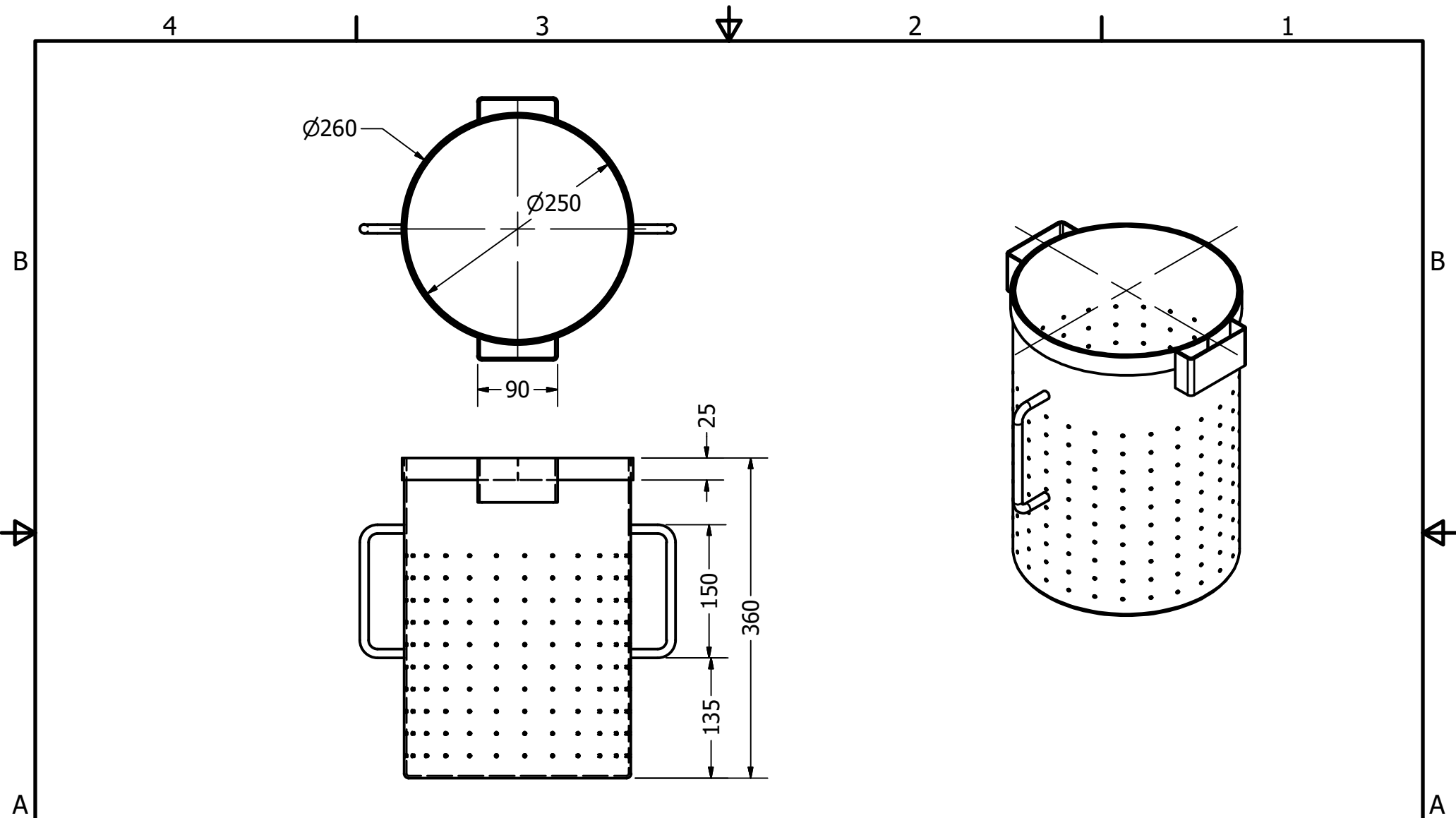
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Part Name Cage		Part Code 2.0	Document Type ASSEMBLY	Material	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name oseg_sp_2_cage.ipn	Version 1.0	Quantity	
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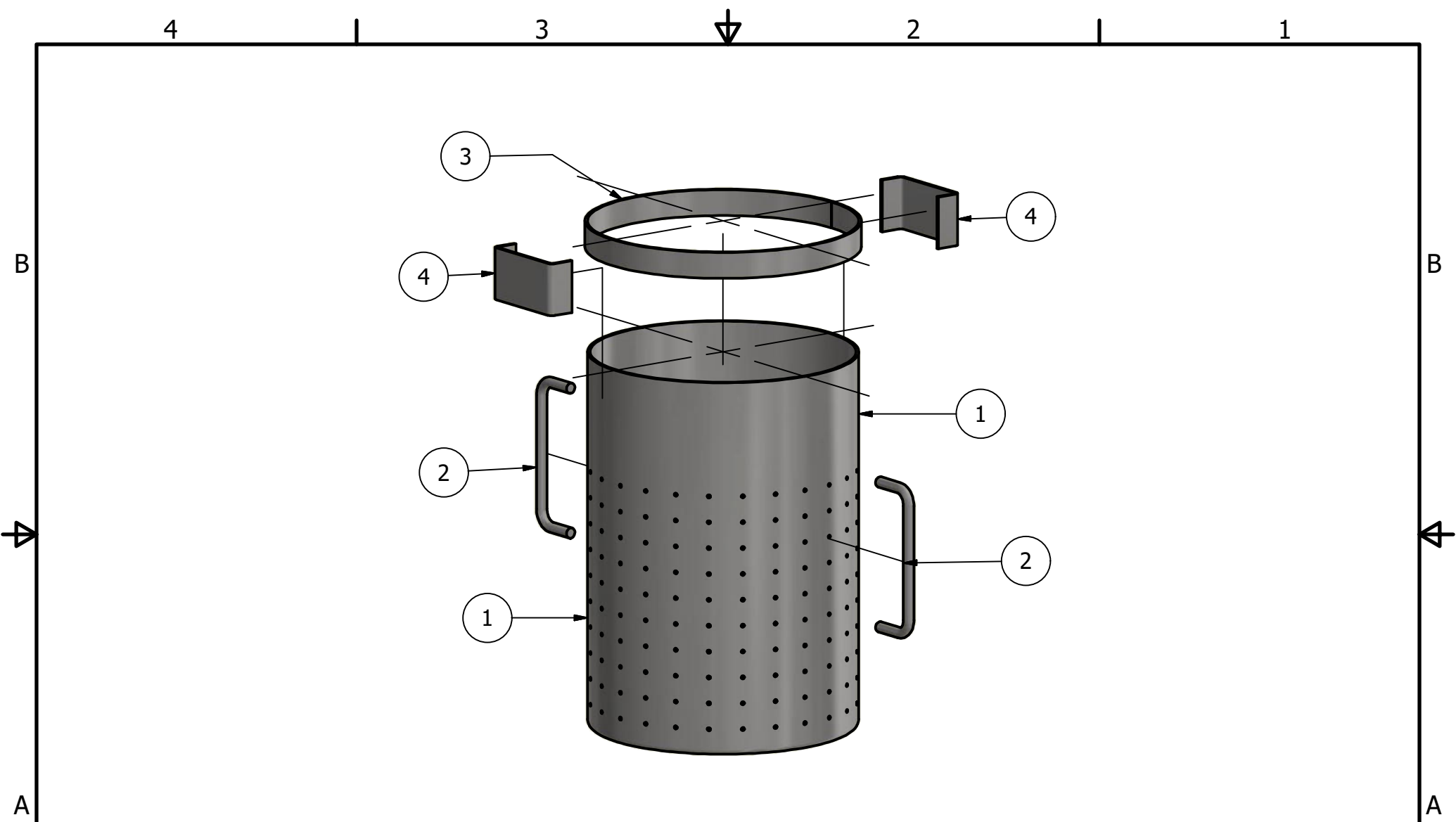
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Part Name	Tray	Part Code 2.1	Document Type PART	Material Stainless Steel	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name oseg_sp_2.1_tray.ipt	Version 1.0	Quantity 1.0	
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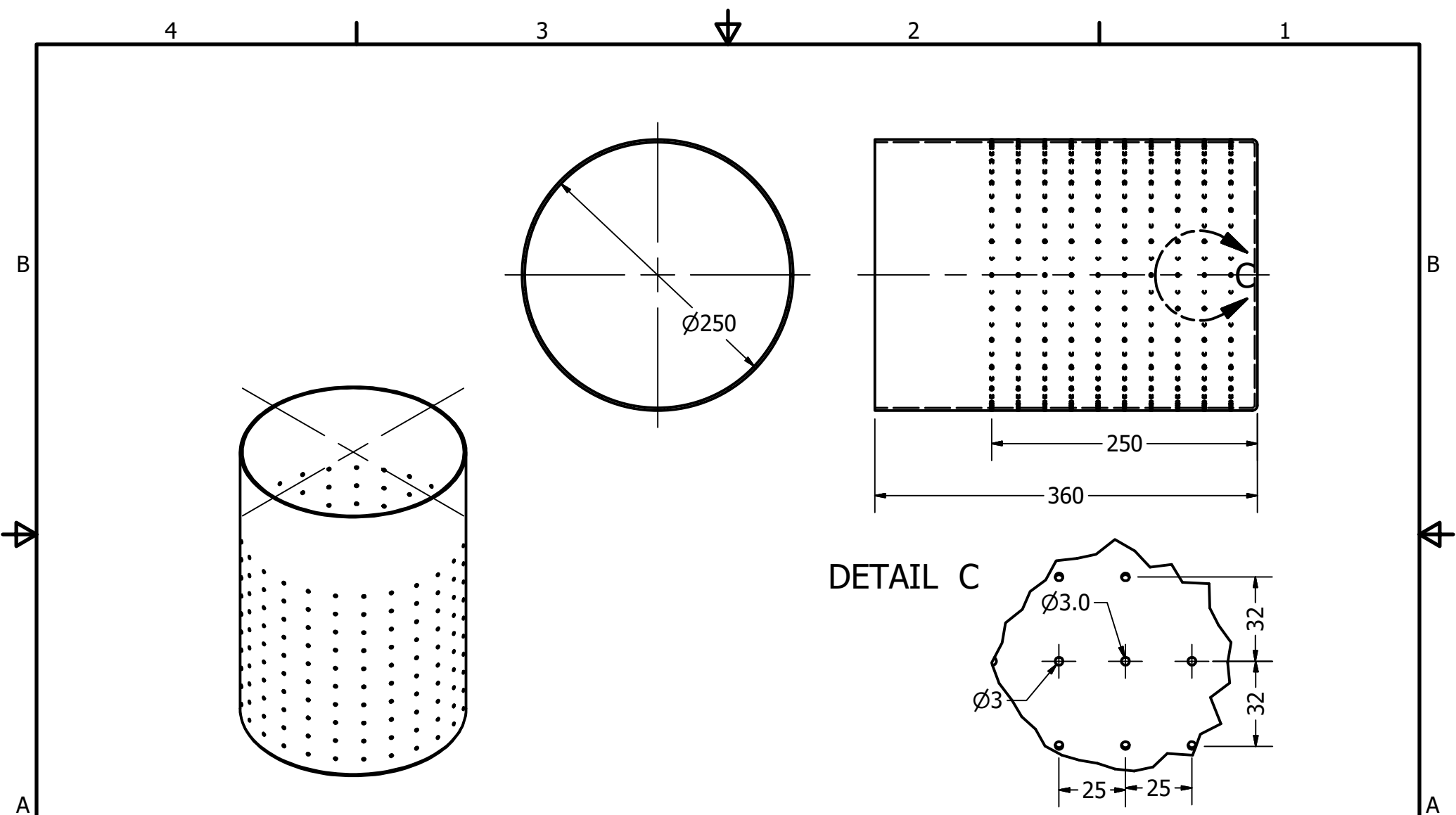
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Part Name	Fixer	Part Code	2.2		Document Type	PART		Material	Stainless Steel	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License				File Name	oseg_sp_2.2_fixer.ipt		Version	Quantity	
								1.0	4.0	
						Scale	1:1		Sheet	Date
									15/30	14.10.20




Project	SCREW PRESS	Created by D. Mosquera	Approved by D. Jaeger		
Part Name	Collecting tray	Part Code 3.0	Document Type ASSEMBLY	Material	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name oseg_sp_3_collecting-tray.iam	Version 1.0	Quantity	
		Scale 1:6	Sheet 16/30	Date 14.10.20	



Project SCREW PRESS		Created by D. Mosquera	Approved by D. Jaeger		
Part Name Collecting tray		Part Code	Document Type ASSEMBLY	Material	
 Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name oseg_sp_3_collecting-tray.iam	Version 1.0	Quantity	
			Scale 1:6	Sheet 16/30	Date 14.10.20



Project	SCREW PRESS	Created by	D. Mosquera			Approved by	D. Jaeger		
Part Name	Collecting cylinder	Part Code	3.2			Document Type	PART		
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name	oseg_sp_3.1_collecting-cylinder.ipt			Version	1.0		
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		Date	14.10.20						

4

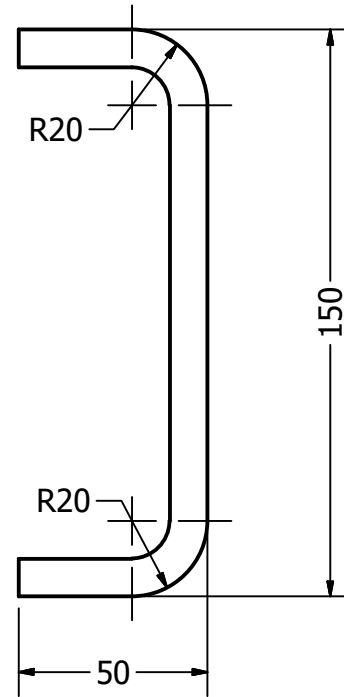
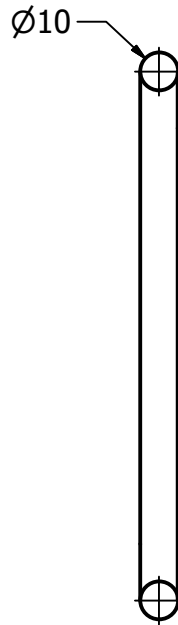
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2

1

B




B



A

A

Project SCREW PRESS		Created by D. Mosquera	Approved by D. Jaeger		
Part Name collector handle		Part Code 3.3	Document Type PART	Material Stainless Steel	
 <p>Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426</p>	License	File Name oseg_sp_3.2_collector-handle.ipt	Version 1.0	Quantity	
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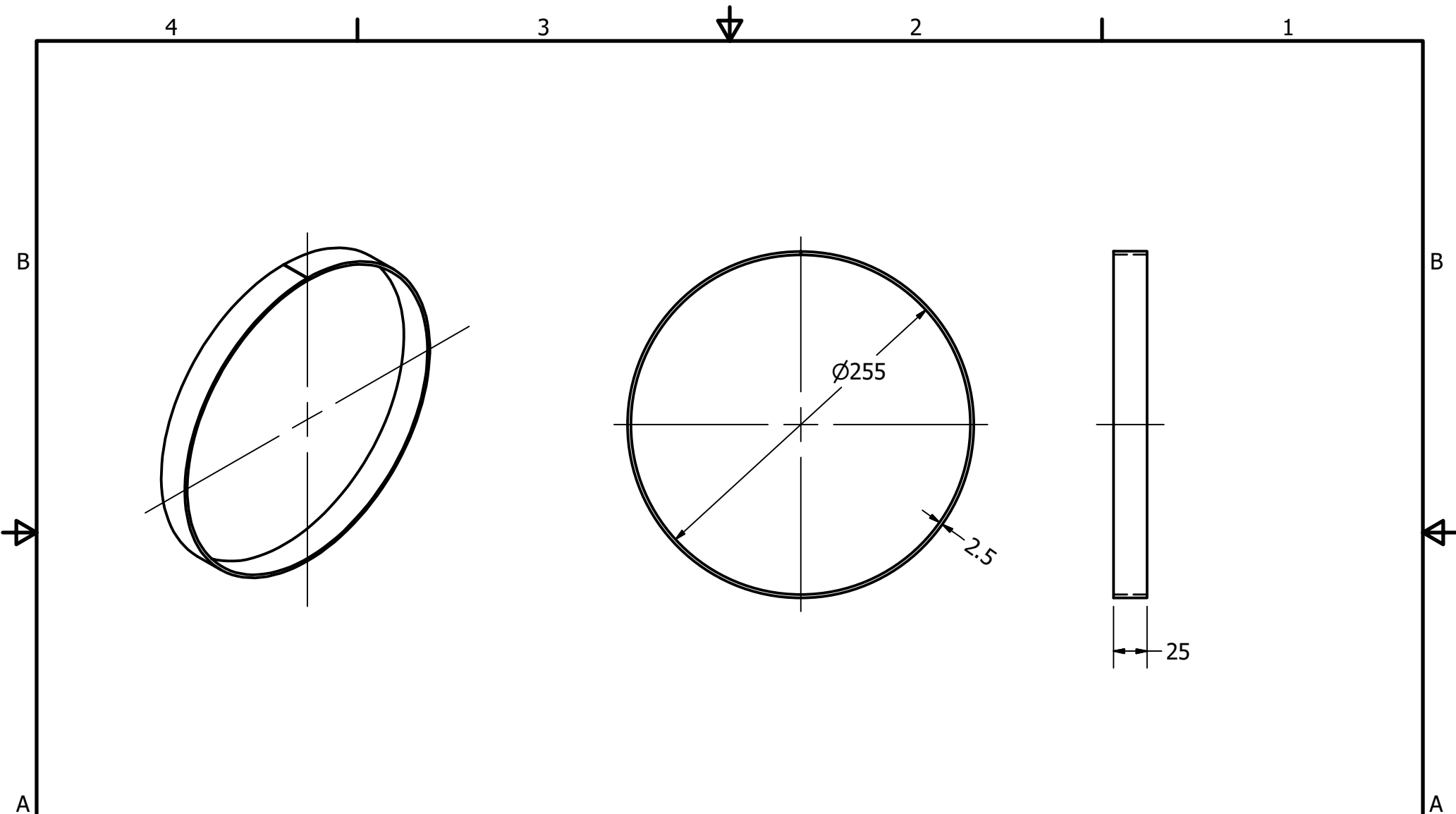
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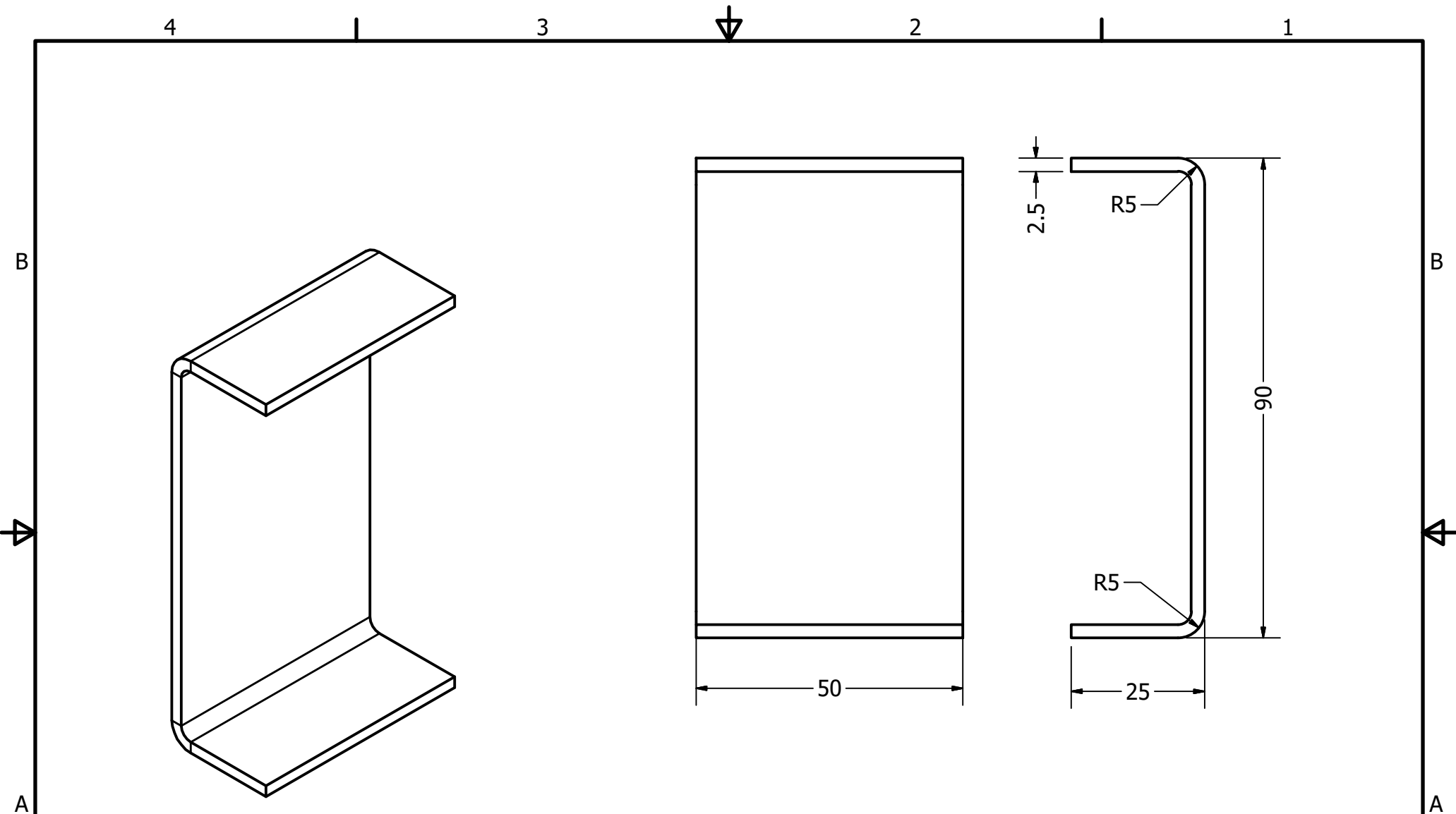



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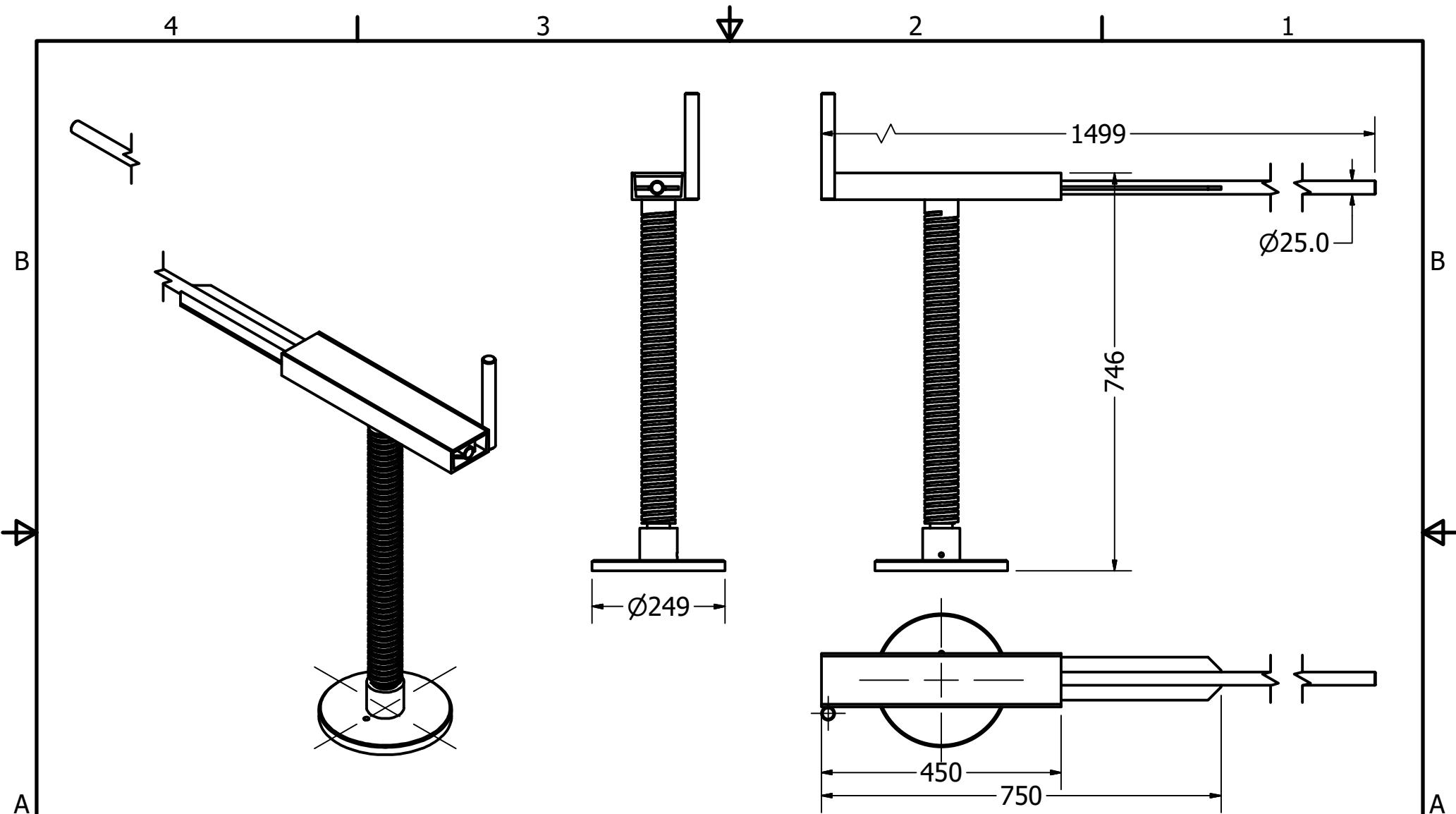
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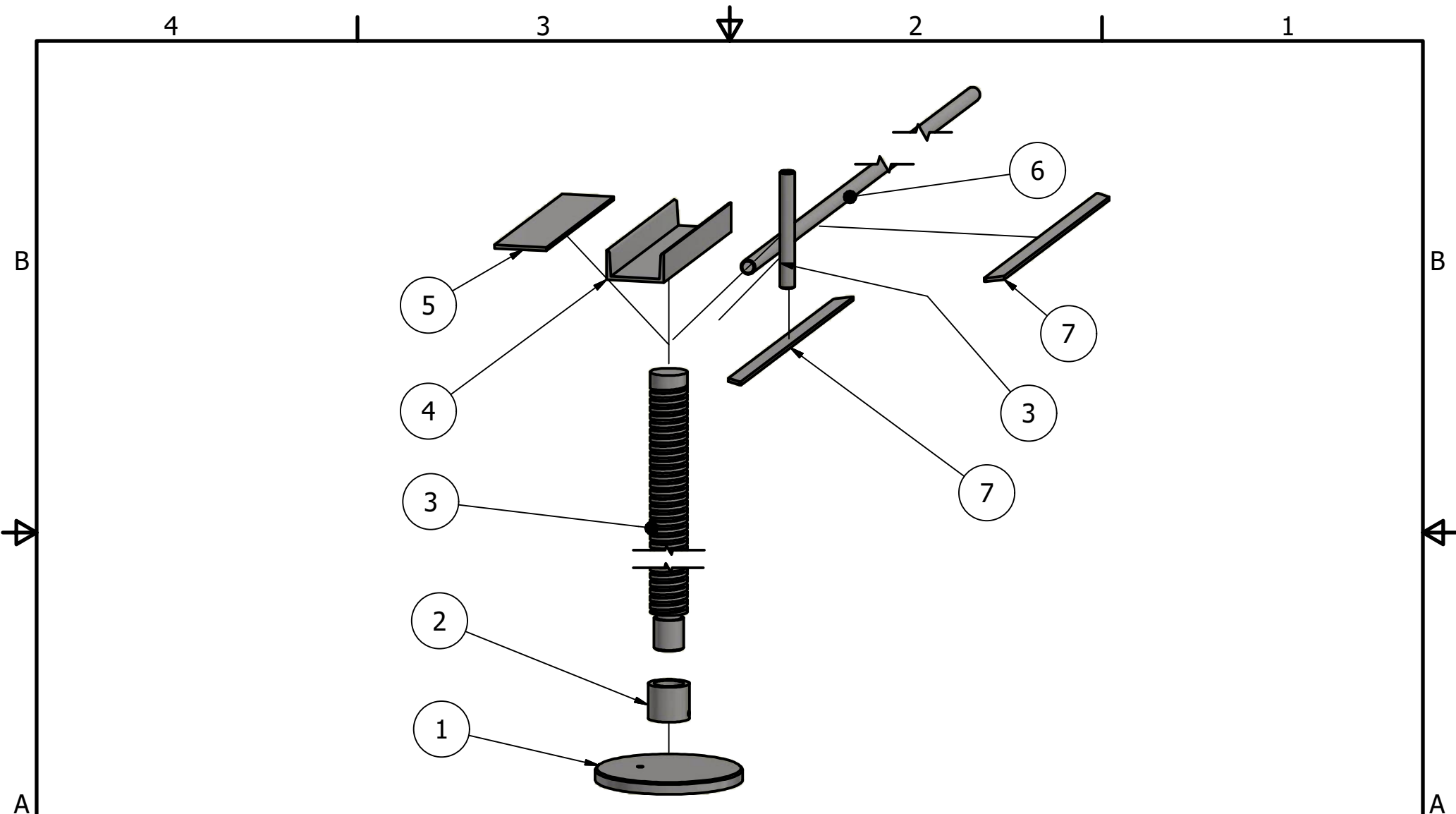
Project SCREW PRESS		Created by D. Mosquera	Approved by D. Jaeger		
Part Name Edge ring		Part Code 3.4	Document Type PART	Material Stainless Steel	
 Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	File Name oseg_sp_3.3_edge-ring.ipt	Version 1.0	Quantity	
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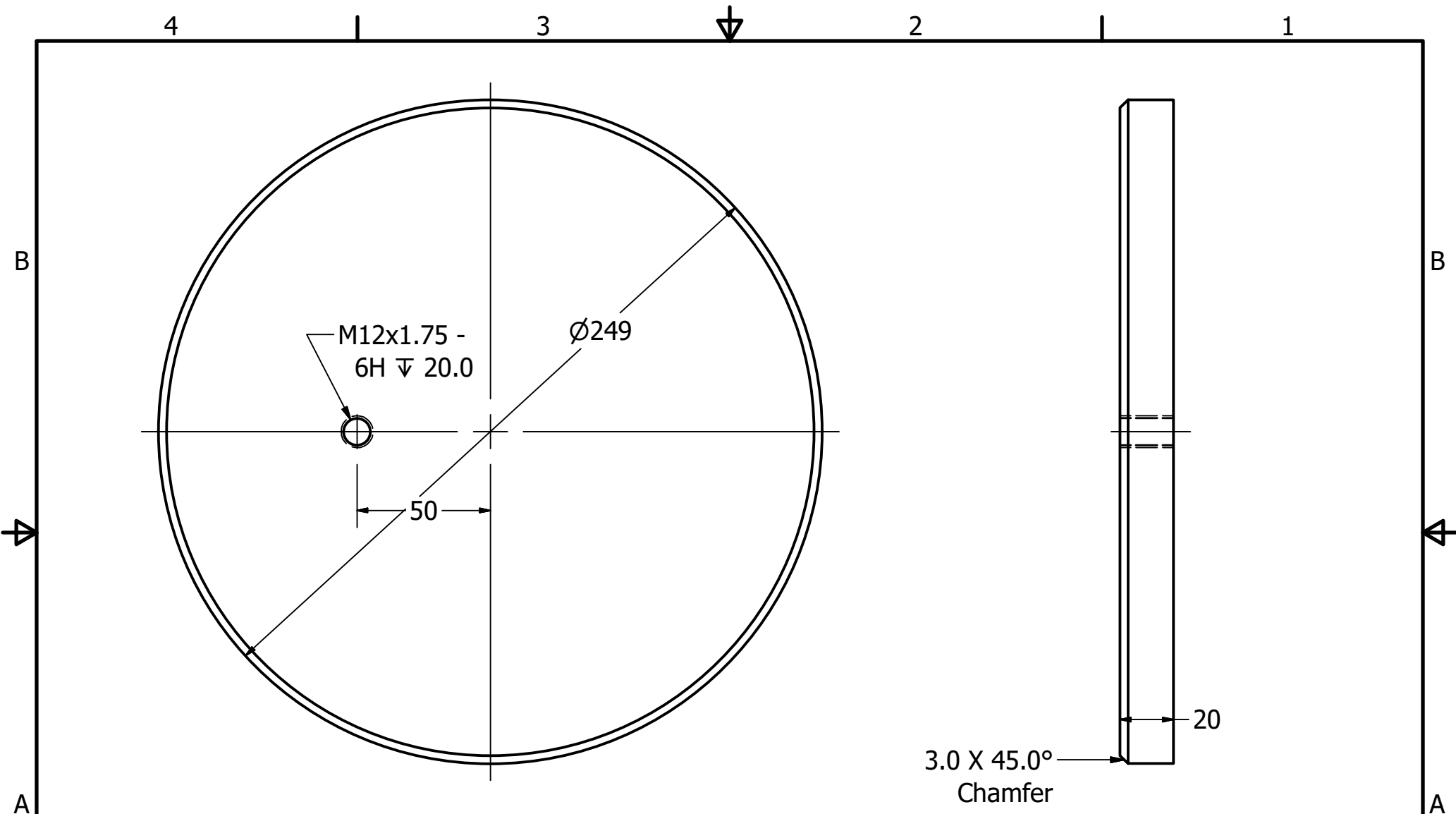
Project SCREW PRESS		Created by D. Mosquera		Approved by D. Jaeger	
Part Name Centering device		Part Code 1.9	Document Type PART		Material Stainless Steel
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License		File Name oseg_sp_3.4_centering-device.ipt		Version 1.0
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				Sheet 20/30	Date 14.10.20




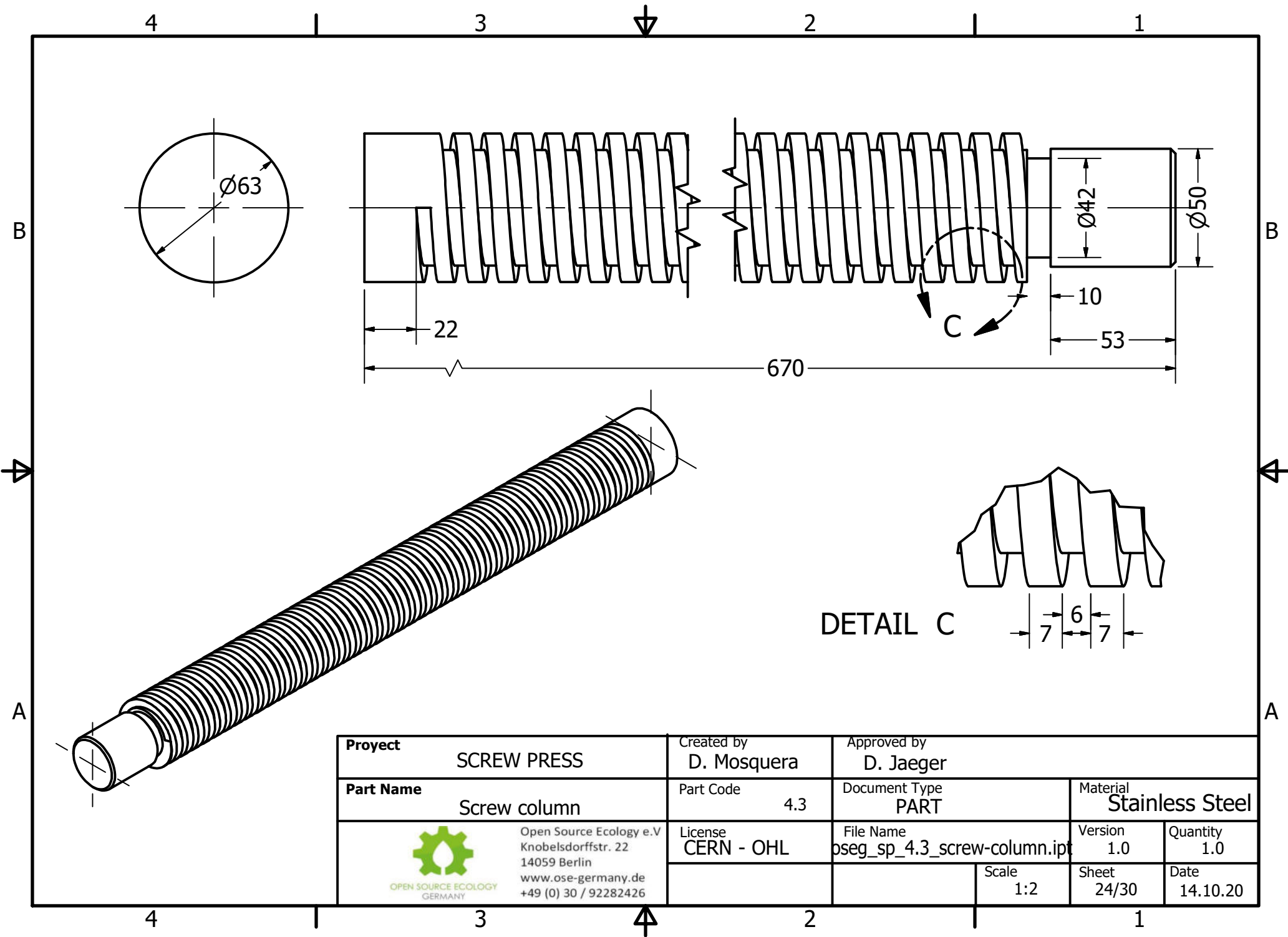
Project SCREW PRESS		Created by D. Mosquera		Approved by D. Jaeger	
Part Name Pressing assembly		Part Code 4.0		Document Type PRODUCTION	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426		License CERN - OHL		File Name oseg_sp_4_pressing-assembly.iam	
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				Quantity 1.0	
				Sheet 21/30	
				Date 14.10.20	




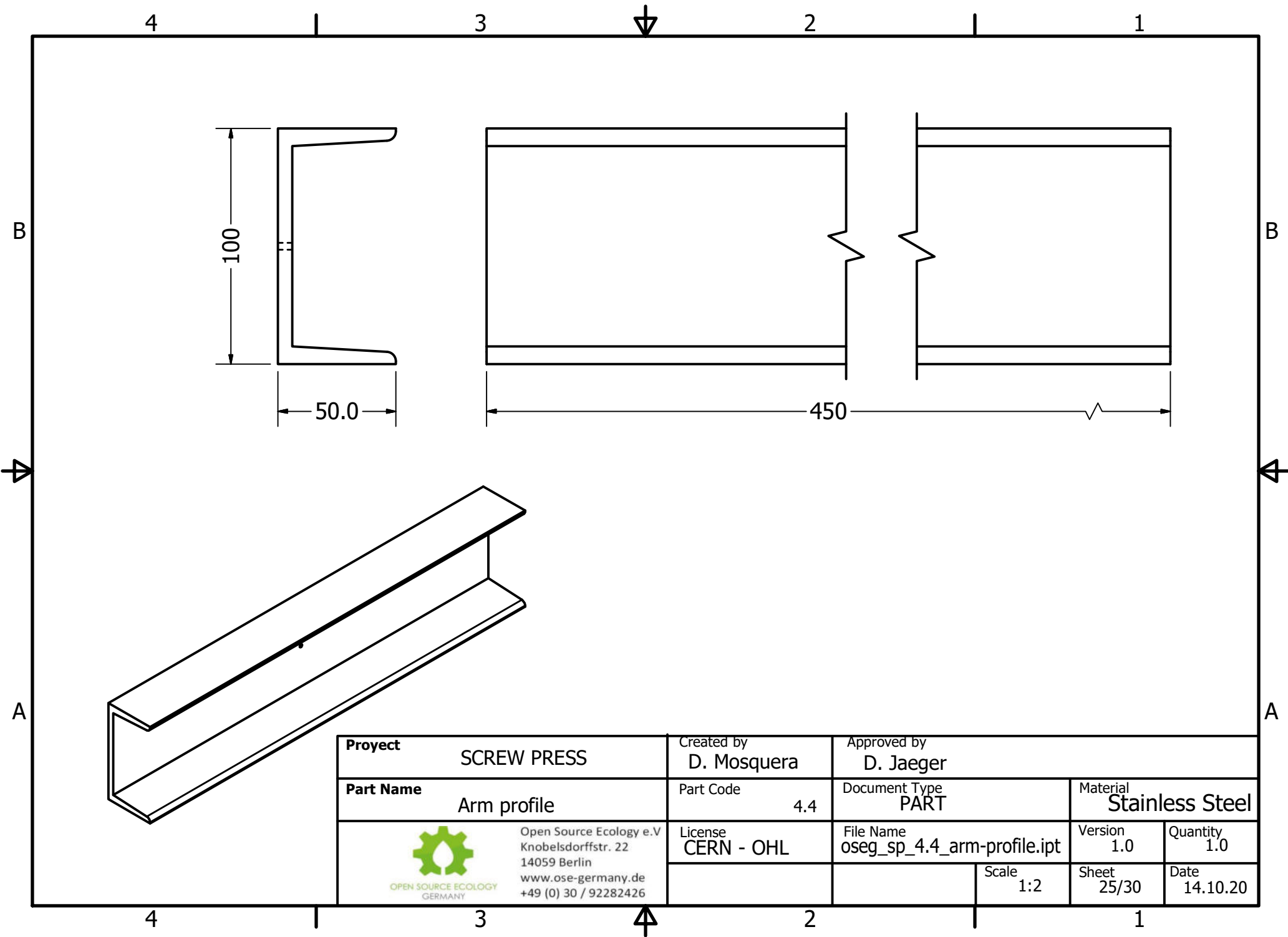
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Part Name Pressing assembly		Part Code 4.0		Document Type PRODUCTION	
 <p>Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426</p>	License CERN - OHL		File Name oseg_sp_4_pressing-assembly.iam		Version 1.0
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				Sheet 21/30	Date 14.10.20




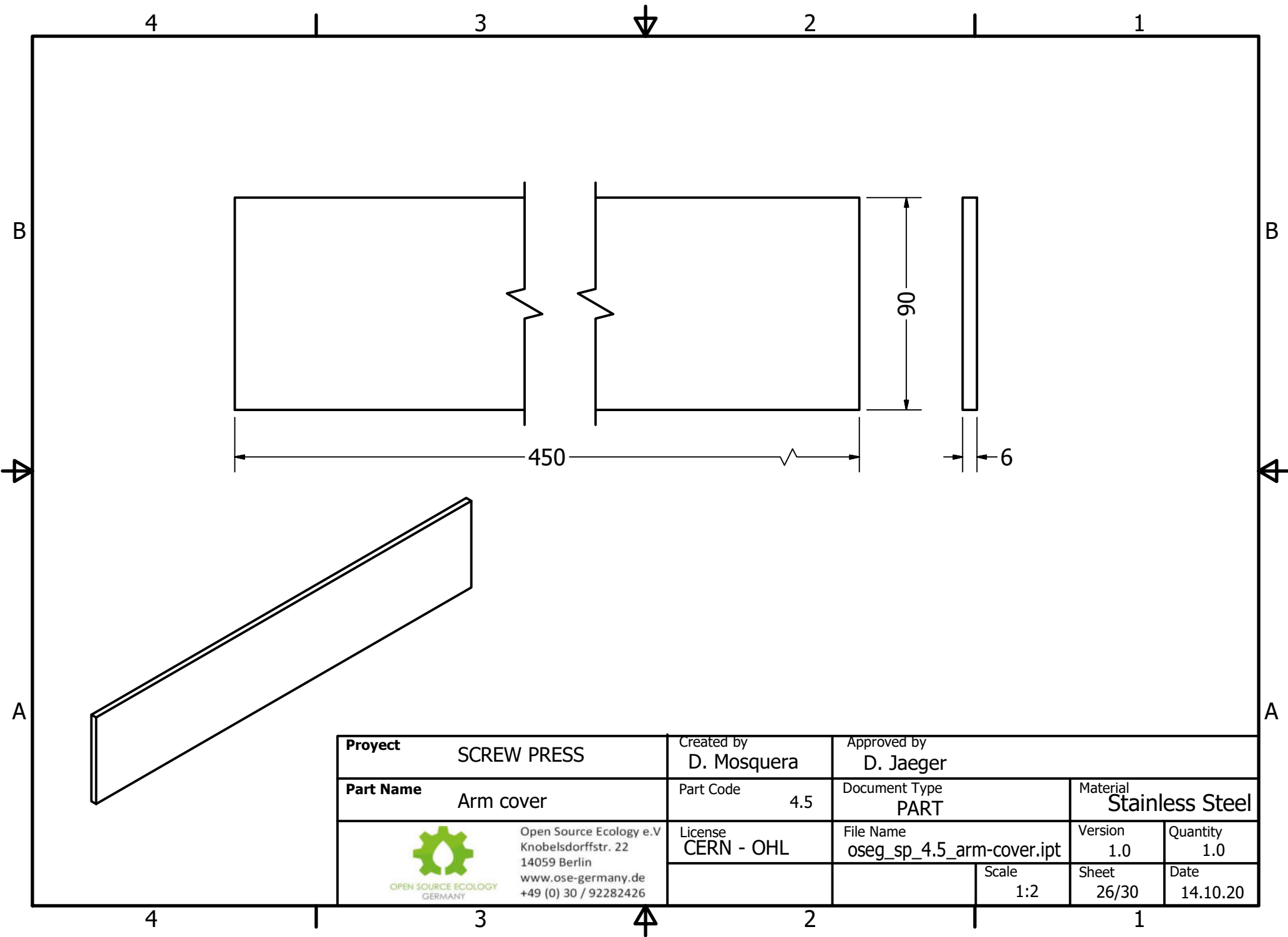
Project SCREW PRESS		Created by D. Mosquera		Approved by D. Jaeger	
Part Name Press disc		Part Code 4.1		Document Type PART	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426		License CERN - OHL		File Name oseg_sp_4.1_press-disc.ipt	
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				Version 1.0	
				Quantity 1.0	
				Sheet 22/30	
				Date 14.10.20	




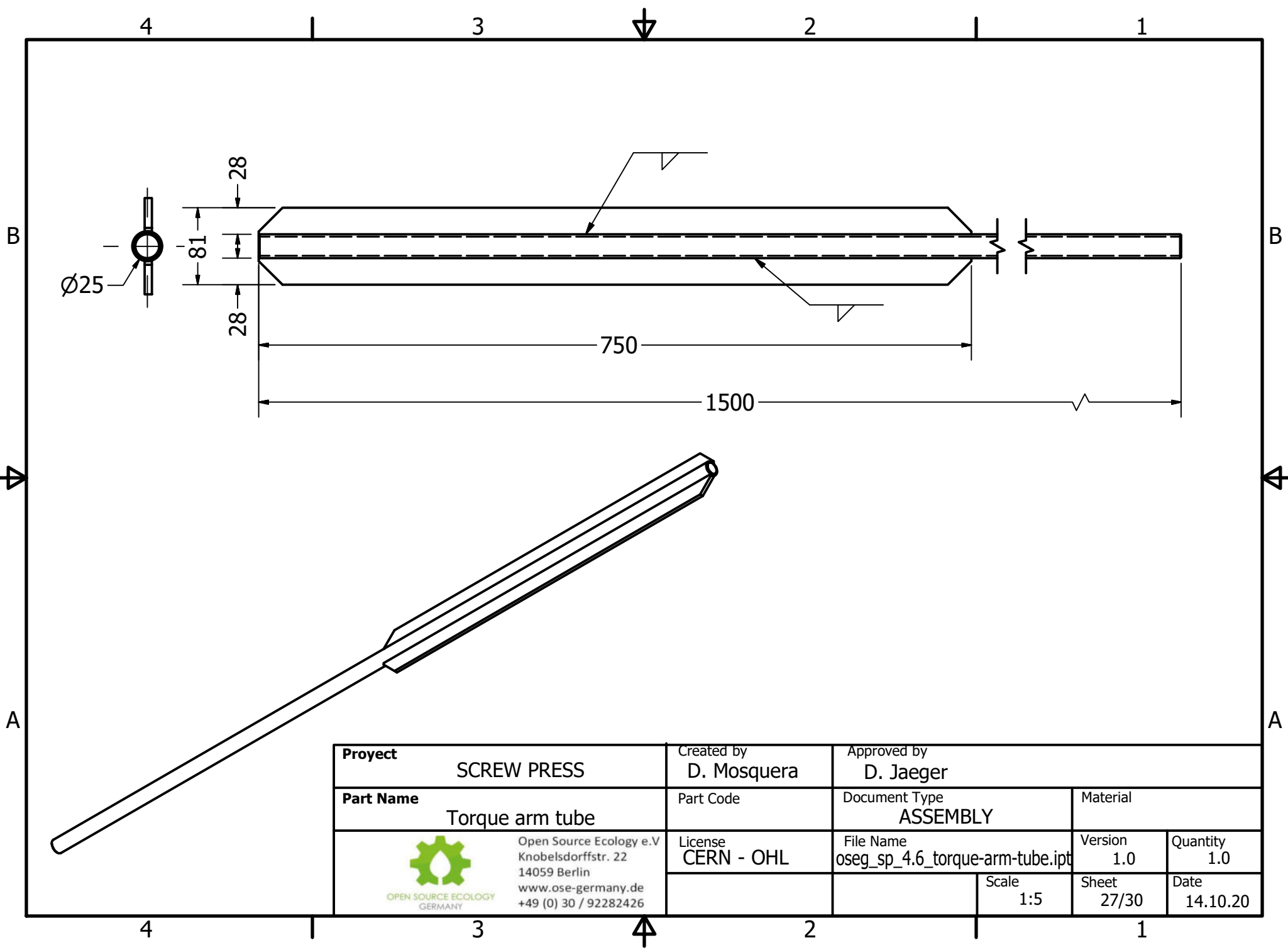
Project	SCREW PRESS	Created by	D. Mosquera			Approved by	D. Jaeger		
Part Name	Screw column	Part Code	4.3	Document Type	PART		Material	Stainless Steel	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	CERN - OHL	File Name	oseg_sp_4.3_screw-column.ipt		Version	1.0	Quantity	1.0
				Scale	1:2	Sheet	24/30	Date	14.10.20




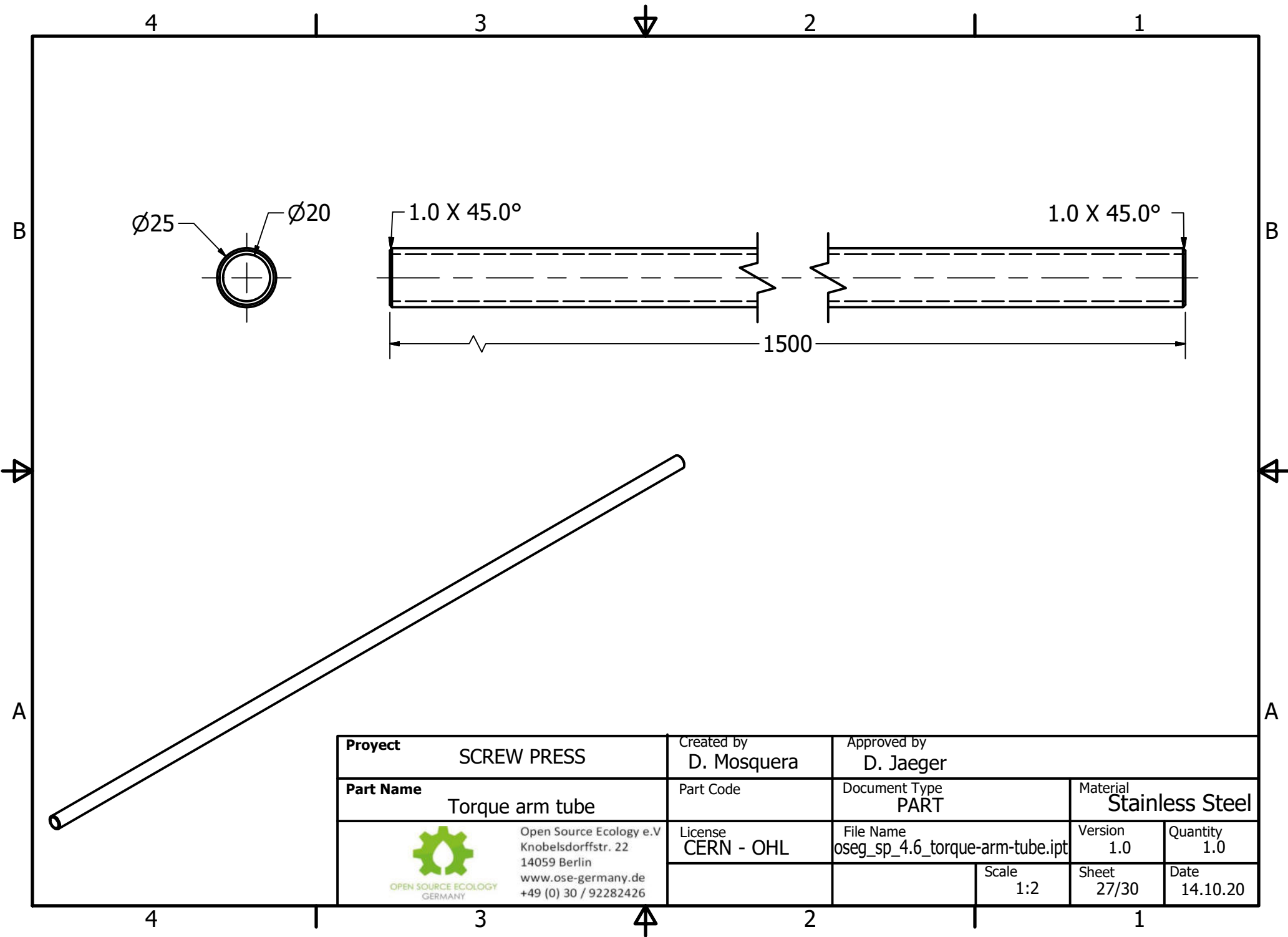
Project	SCREW PRESS	Created by	D. Mosquera			Approved by	D. Jaeger		
Part Name	Arm profile	Part Code	4.4	Document Type	PART		Material	Stainless Steel	
 Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	CERN - OHL	File Name	oseg_sp_4.4_arm-profile.ipt		Version	1.0	Quantity	1.0
			Scale	1:2		Sheet	25/30	Date	14.10.20




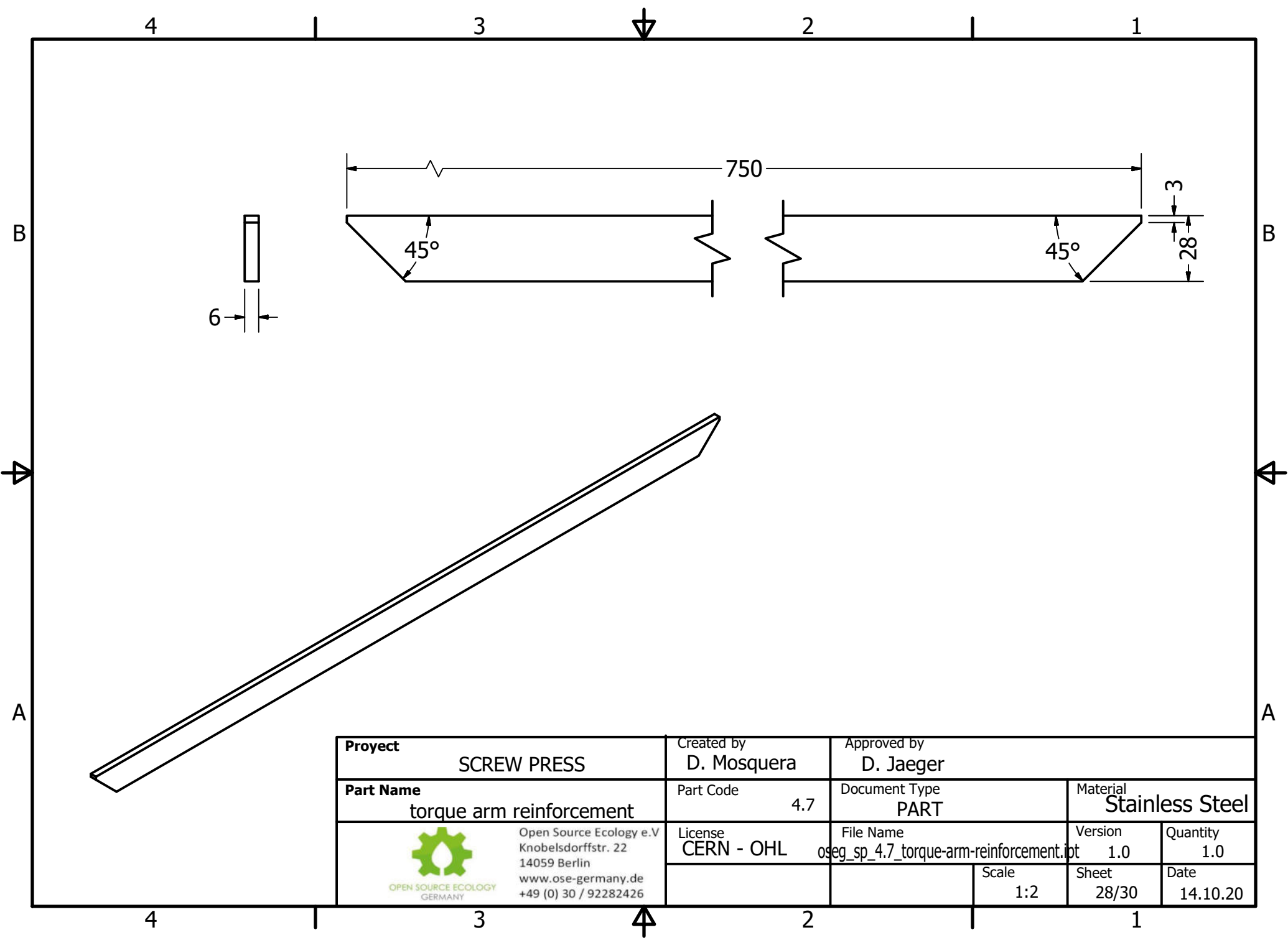
Proyect	SCREW PRESS	Created by	D. Mosquera			Approved by	D. Jaeger		
Part Name	Arm cover	Part Code	4.5	Document Type	PART		Material	Stainless Steel	
 Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	CERN - OHL	File Name	oseg_sp_4.5_arm-cover.ipt		Version	1.0	Quantity	1.0
				Scale	1:2	Sheet	26/30	Date	14.10.20




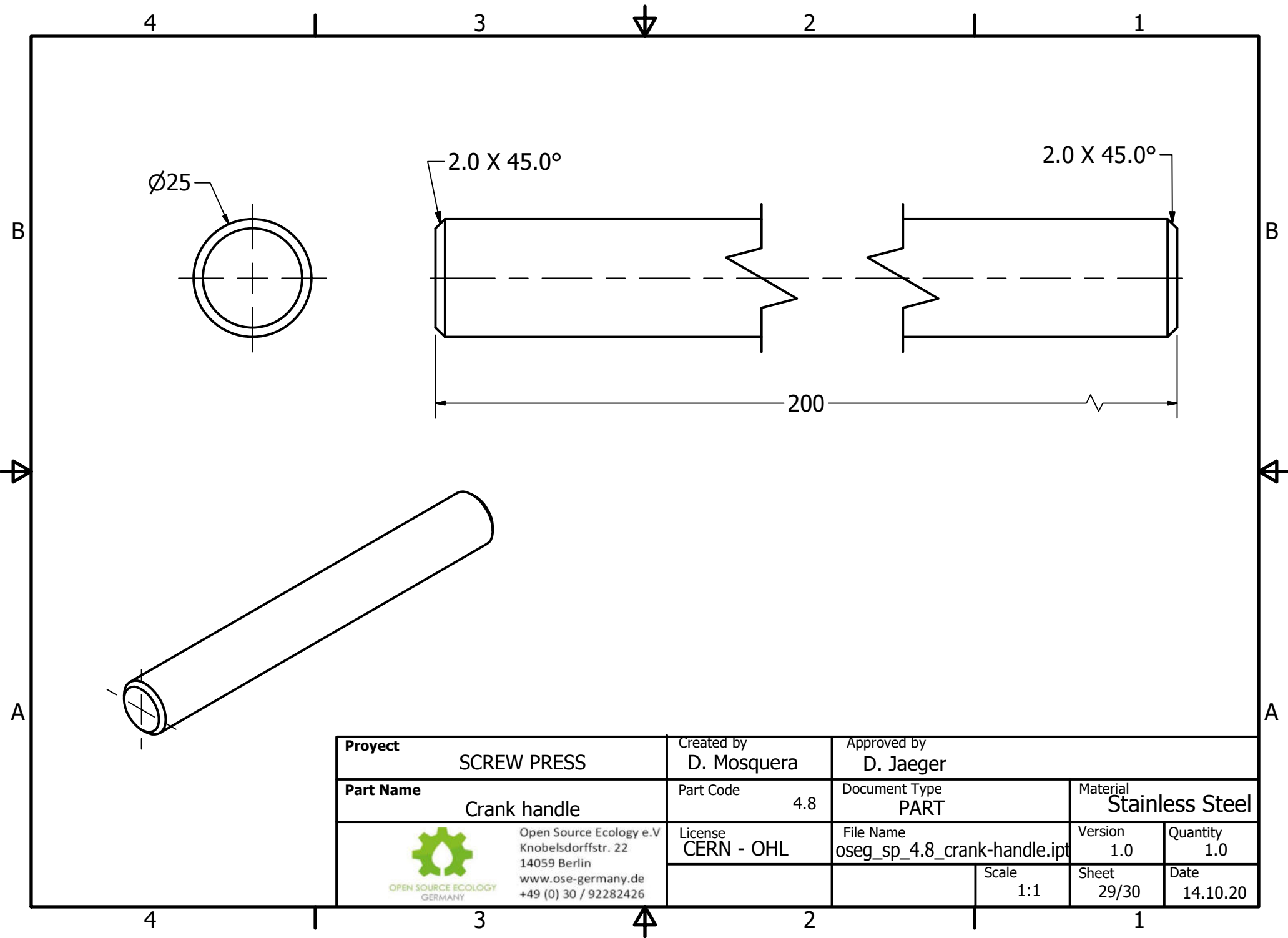
Project	SCREW PRESS	Created by	D. Mosquera			Approved by	D. Jaeger			
Part Name	Torque arm tube	Part Code				Document Type	ASSEMBLY		Material	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	CERN - OHL		File Name	oseg_sp_4.6_torque-arm-tube.ipt		Version	1.0	Quantity	1.0
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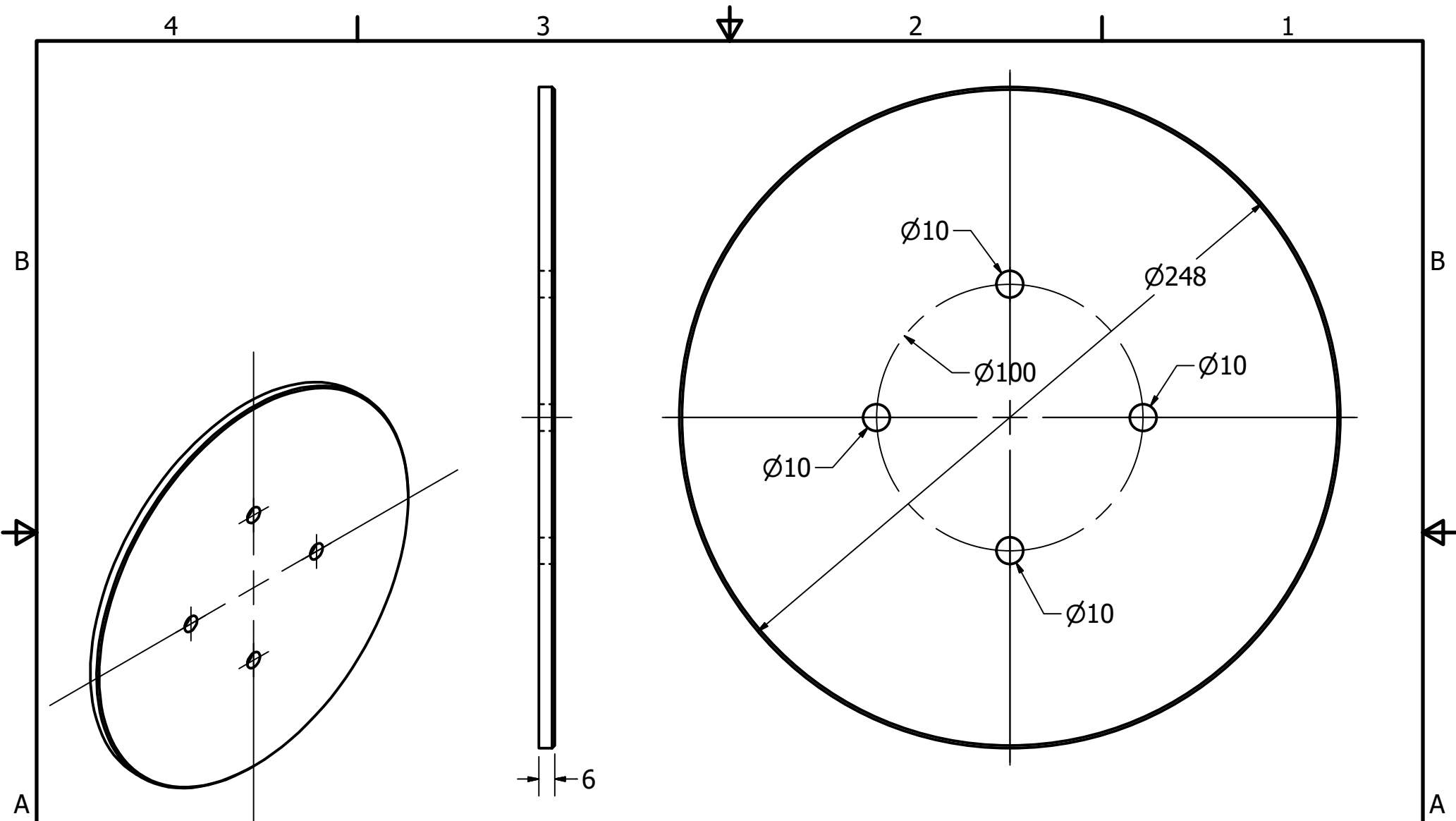
Project	SCREW PRESS	Created by	D. Mosquera			Approved by	D. Jaeger		
Part Name	Torque arm tube	Part Code				Document Type	PART		
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	CERN - OHL			File Name	oseg_sp_4.6_torque-arm-tube.ipt			
	Scale	1:2			Version	1.0	Quantity	1.0	
					Sheet	27/30		Date	14.10.20




Proyect SCREW PRESS		Created by D. Mosquera	Approved by D. Jaeger		
Part Name torque arm reinforcement		Part Code 4.7	Document Type PART	Material Stainless Steel	
 Open Source Ecology e.V Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License CERN - OHL	File Name oseg_sp_4.7_torque-arm-reinforcement.ipt		Version 1.0	Quantity 1.0
			Scale 1:2	Sheet 28/30	Date 14.10.20



Project	SCREW PRESS	Created by	D. Mosquera			Approved by	D. Jaeger		
Part Name	Crank handle	Part Code	4.8	Document Type	PART		Material	Stainless Steel	
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	CERN - OHL	File Name	oseg_sp_4.8_crank-handle.ipt		Version	1.0	Quantity	1.0
			Scale	1:1		Sheet	29/30	Date	14.10.20



Project	SCREW PRESS	Created by	D. Mosquera			Approved by	D. Jaeger				
Part Name	Pressing discs	Part Code	4.9		Document Type	PART		Material	Stainless Steel		
 Open Source Ecology e.V. Knobelsdorffstr. 22 14059 Berlin www.ose-germany.de +49 (0) 30 / 92282426	License	CERN - OHL			File Name	oseg_sp_4.9_pressing-discs.ipt		Version	1.0	Quantity	1.0
					Scale	1:2		Sheet	30/30	Date	14.10.20