

			Parts list			
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1	1	3d views	ksw_phk_power-hammer-krusty.iam			1
A1	1	3d views	ksw_phk_power-hammer-krusty.iam			2
A2	1	Exploded 3d view	ksw_phk_power-hammer-krusty.ipn			3
B1	1	Parts list	ksw_phk_power-hammer-krusty.csv			4
B2	1	Parts list	ksw_phk_power-hammer-krusty.csv			5
В3	1	Parts list	ksw_phk_power-hammer-krusty.csv			6
B4	1	Part list	ksw_phk_power-hammer-krusty.csv			7
C1		Technical notes				8
1.0	1	Spring system assembly	Spring system assembly.iam			9-10
1.1	4	Flat sheet A	Flat sheet A.ipt	Production	Thk 10 ASTM A36	11
1.2	2	Flat sheet B	Flat sheet B.ipt	Production	Thk 10 ASTM A36	12
1.3	2	Flat sheet C	Flat sheet C.ipt	Production	Thk 10 ASTM A36	13
1.4	2	Flat sheet D	Flat sheet D.ipt	Production	Thk 10 ASTM A36	14
1.5	1	Flat sheet E	Flat sheet E.ipt	Production	Thk 10 ASTM A36	15
1.6	1	Pivot	Pivot .ipt	Production	DIN 10305-1 OD 28 ASTM A36	16
1.7	2	Connection pivot	Connection pivot.ipt	Production	Thk 20 ASTM A36	17
1.8	8	Spring bolt M8x60		Standard	DIN 931-1 M8 x 60	
1.9	4	Spring bolt M8x40		Standard	DIN 931-1 M8 x 40	
1.10	1	Spring bolt M16x160		Standard	DIN 931-1 M16 x 160	
1.11	12	Nut Mx8		Standard	DIN 555 M8	
1.12	1	Nut M16		Standard	DIN 555 M16	
2.0	1	Base plate assembly	Base plate assembly.iam			18-19
2.1	1	Base	Base.ipt	Production	Thk 9 ASTM A36	20
2.2	1	Motor base A	Motor base A.ipt	Production	I Beam DIN 1025 50x100x4.5 ASTM A36	21
2.3	1	Motor base B	Motor base B.ipt	Production	Thk 20 ASTM A36	22
2.4	4	Connection anvil base	Connection anvil base.ipt	Production	Thk 20 ASTM A36	23
2.5	1	Foundation	Foundation.ipt	Production	Thk 200 Concrete	24
2.6	4	Base bolts		Standard	DIN 931-1 M12x45	
3.0	1	Anvil base assembly	Anvil base assembly.iam			25-26
3.1	1	Cylinder anvil	Cylinder anvil.ipt	Production	OD 120 ASTM A36	27
3.2	2	Flat sheet anvil	Flat sheet anvil.ipt	Production	Thk 20 ASTM A36	28

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DDOJECT	CDE	ATED DV	4 D D D O (E D D)	,	DATE	VEDSTON
PROJECT	CRE	ATED BY	APPROVED BY	(DATE	VERSION
Power Hammer Krusty	J. F	Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE	NAME	'		•	POS
Parts list	ksv	v_phk_power-ha	mmer-krusty	/ CSV		B1
DEVELOPED BY	REDESIGNE		DOC. TYPE	MATERIAL		QUANTITY
DEVELOPED BY	KEDESIGNEL	וסע	DOC. TIPE	MATERIAL		QUANTITY
			Parts list			
			LICENCE	_	SCALE	SHEET
KROMM Steel Works	OHO e.V		CC-BY-SA	4.0		4 /75
KKOMM Steel Works	OHO E.V	·	CC-D1-3A	T.U		1//3

			Parts list			
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
3.3	1	Anvil A	Anvil A.ipt	Production	Steel 4130	29
3.4	4	Connection base anvil	Connection base anvil.ipt	Production	Thk 20 ASTM A36	30
3.5	4	Anvil connection bolts		Standard	DIN 931-1 M10x70	
3.6	4	Anvil bolts		Standard	DIN 931-1 M8x45	
3.7	4	Anvil nuts		Standard	DIN 939-2 M8	
4.0	1	Main carrier assembly	Main carrier assembly.iam			31-32
4.1	2	Beam	Beam.ipt	Production	I Beam DIN 1025 50x100x4.5 ASTM A36	33
4.2	2	Flat sheet carrier	Flat sheet carrier.ipt	Production	Thk 20 ASTM A36	34
5.0	1	Hammer assembly	Hammer assembly.iam			35-36
5.1	4	Sheet hammer A	Sheet hammer A.ipt	Production	Thk 20 ASTM A36	37
5.2	2	Sheet hammer B	Sheet hammer B.ipt	Production	Thk 20 ASTM A36	38
5.3	2	Sheet hammer C	Sheet hammer C.ipt	Production	Thk 20 ASTM A36	39
5.4	2	Sheet hammer D	Sheet hammer D.ipt	Production	Thk 20 ASTM A36	40
5.5	2	Bar hammer	Bar hammer.ipt	Production	OD 18 ASTM A36	41
5.6	1	Anvil B	Anvil .ipt	Production	Steel 4130	42
5.7	2	Bushing	Bushing.ipt	Production	OD 25.20 ASTM A36	43
5.8	4	Hammer bolts		Standard	DIN 931-1 M8x45	
5.9	4	Hammer nuts		Standard	DIN 439-2 M8	
6.0	1	Guide assembly	Guide assembly.iam			44-45
6.1	4	Blocks away	Blocks away.ipt	Production	Thk 20 ASTM A36	46
6.2	2	Spacer	Spacer.ipt	Production	Thk 1 ASTM A36	47
6.3	2	Block cover	Block cover.ipt	Production	Thk 20 ASTM A36	48
6.4	1	Guide support	Guide support.ipt	Production	Thk 20 ASTM A36	49
6.5	6	Guide bolts		Standard	DIN 931-1 M10x90	
6.6	6	Guide nuts		Standard	DIN 555 M10	
7.0	1	Spacer anvil assembly	Spacer anvil assembly.iam			50-51
7.1	1	Spacer anvil A	Spacer anvil A.ipt	Production	Thk 20 ASTM A36	52
7.2	2	Spacer anvil B	Spacer anvil B.ipt	Production	Thk 20 ASTM A36	53
7.3	2	Spacer bolts		Standard	DIN 931-1 M10x70	
7.4	2	Spacer nuts		Standard	DIN 555 M10	

PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo 31/08/2021		1.1 POS	
Parts list		sw_phk_power-hammer-krusty.csv			B2
DEVELOPED BY	REDESIGNED BY	DOC. TYPE Parts list	MATERIAL		QUANTITY
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0		5 /75

			Parts list			
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
8.0	1	Wheel holder assembly	Wheel holder assembly.iam			54-55
8.1	1	Beam wheel holder	Beam wheel holder.ipt	Production	I Beam DIN 1025 50x100x4.5 ASTM A36	56
8.2	1	Sheet wheel holder	Sheet wheel holder.ipt	Production	Thk 20 ASTM A36	57
8.3	1	Crank	Pulley A.ipt	Production	250 OD DIN C45	58
8.4	1	Support pulley	Support pulley.ipt	Production	Thk 20 ASTM A36	59
8.5	1	Pin pulley	Pin pulley.ipt	Production	19 OD DIN C45	60
8.6	1	Pulley B	Pulley B.ipt	Production	OD 356 DIN C45	61
8.7	1	Pulley C	Pulley C.ipt	Production	OD 79 DIN C45	62
8.8	1	Shaft	Shaft.ipt	Production	OD 25 DIN C45	63
8.9	1	Motor		Buy	Weg 1500 RPM 3 HP	
8.10	2	Bearing		Buy	SKF P2B 102 FM	
8.11	1	V-Belt		Buy	DIN 2215 10x1180	
8.12	1	Key 25		Standard	ISO 2491 C 8x5 - 25	
8.13	1	Key 18		Standard	ISO 2491 C 8x5 - 18	
8.14	4	Motor bolt		Standard	DIN 931-1 M8x45	
8.15	4	Motor nut		Standard	DIN 555 M8	
8.16	4	Pulley bolt		Standard	DIN 933 M14x40	
8.17	4	Base bolt		Standard	DIN 931-1 M14x50	
8.18	4	Base nut		Standard	DIN 555 M14	
9.0	1	Treadle assembly	Treadle assembly.iam			64-65
9.1	2	Treadle A	Treadle A.ipt	Production	40x40 ASTM A36	66
9.2	1	Treadle B	Treadle B.ipt	Production	40x40 ASTM A36	67
9.3	1	Treadle C	Treadle C.ipt	Production	30x10 ASTM A36	68
9.4	1	Treadle D	Treadle D.ipt	Production	30x10 ASTM A36	69
9.5	1	Treadle E	Treadle E.ipt	Production	30x10 ASTM A36	70
9.6	2	Treadle F	Treadle F.ipt	Production	30x10 ASTM A36	71
9.7	2	Bolt M10x40		Standard	DIN 931-1 M10x40	
9.8	2	Nut M10		Standard	DIN 555 M10	
10.0	1	Connection assembly	Connection assembly.iam			72-73
10.1	1	Tube connection	Tube connection.ipt	Production	Round tube ANSI 3/4"	74
10.2	2	Pivot connection	Pivot connection.ipt	Production	Round tube ANSI 3/4"	75

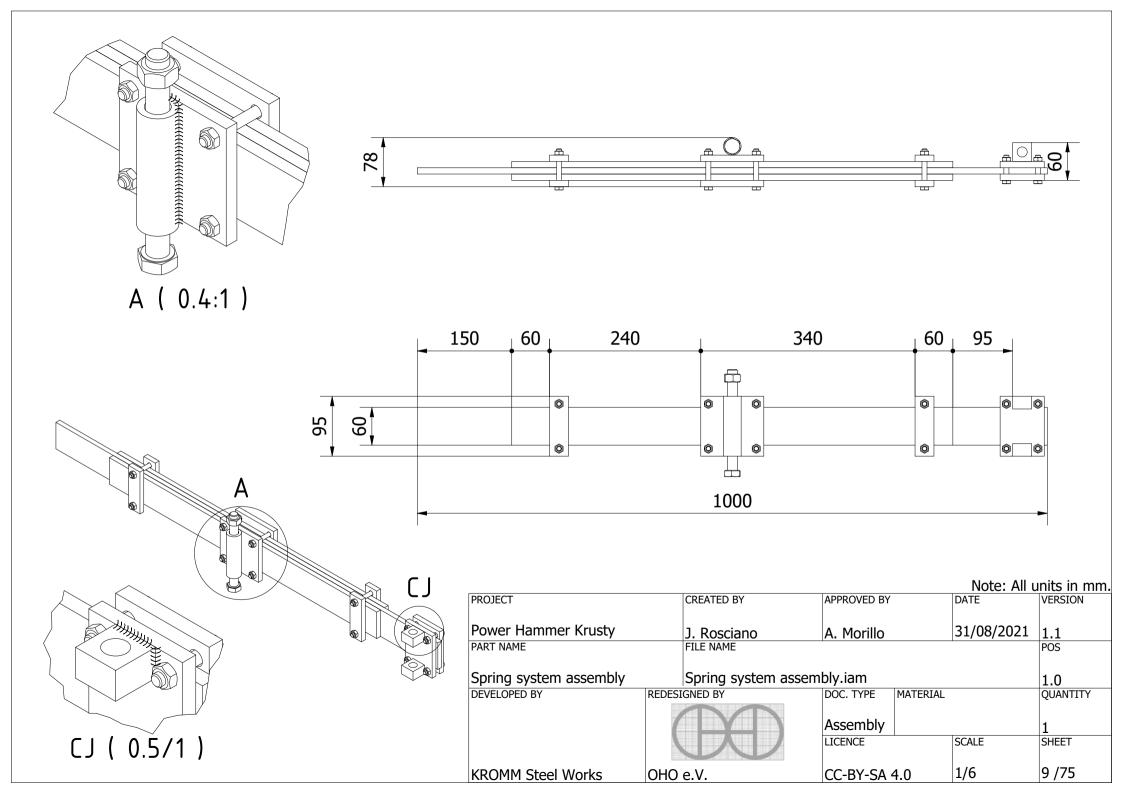
PROJECT CREATED BY APPROVED BY DATE VERSION Power Hammer Krusty J. Rosciano A. Morillo 31/08/2021 1.1 PART NAME FILE NAME POS Parts list ksw_phk_power-hammer-krusty.csv B3 DEVELOPED BY REDESIGNED BY DOC. TYPE MATERIAL QUANTITY Parts list LICENCE SCALE SHEET KROMM Steel Works OHO e.V. CC-BY-SA 4.0 6 /75									
Power Hammer Krusty J. Rosciano A. Morillo 31/08/2021 1.1 PART NAME Pos REDESIGNED BY REDESIGNED BY Parts list Parts list Parts list Parts list LICENCE SCALE SHEET	_								
PART NAME FILE NAME POS ksw_phk_power-hammer-krusty.csv B3 DEVELOPED BY REDESIGNED BY DOC. TYPE MATERIAL QUANTITY Parts list LICENCE SCALE SHEET		PROJECT		CREATED BY	APPROVED BY		DATE	VERSION	
PART NAME FILE NAME POS ksw_phk_power-hammer-krusty.csv B3 DEVELOPED BY REDESIGNED BY DOC. TYPE MATERIAL QUANTITY Parts list LICENCE SCALE SHEET									
PART NAME FILE NAME POS ksw_phk_power-hammer-krusty.csv DEVELOPED BY REDESIGNED BY DOC. TYPE MATERIAL QUANTITY Parts list LICENCE SCALE SHEET		Power Hammer Krusty		1 Possiano	A Morillo		31/08/2021	1 1	
Parts list ksw_phk_power-hammer-krusty.csv B3 DEVELOPED BY DOC. TYPE MATERIAL QUANTITY Parts list LICENCE SCALE SHEET	_ L				A. MOLIIIO		31/00/2021		
DEVELOPED BY REDESIGNED BY DOC. TYPE MATERIAL QUANTITY Parts list LICENCE SCALE SHEET		PART NAME		FILE NAME	FILE NAME				
DEVELOPED BY REDESIGNED BY DOC. TYPE MATERIAL QUANTITY Parts list LICENCE SCALE SHEET									
DEVELOPED BY REDESIGNED BY DOC. TYPE MATERIAL QUANTITY Parts list LICENCE SCALE SHEET		De la Pai		kow phk power ham	mor kructy	CCV		D2	
Parts list LICENCE SCALE SHEET		Parts list		ksw_prik_power-nam	iiilei-ki usty	.CSV		B3	
LICENCE SCALE SHEET		DEVELOPED BY	REDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY	
LICENCE SCALE SHEET								_	
LICENCE SCALE SHEET			1						
					Parts list				
KROMM Steel Works OHO e.V. CC-BY-SA 4.0 6 /75			N.		LICENCE		SCALE	SHEET	
KROMM Steel Works OHO e.V. CC-BY-SA 4.0 6 /75									
INNOMINA SIECE VVOINS OTTO E.V. CC-DT-SA 4.0 0773		KDOMM Stool Works	OHO	o. V	CC_BV_CA	1.0		6 /75	
		KNOMM SIEEL WOLKS	UITU	C. V.	CC-DI-SA	7.0		0 / / 3	

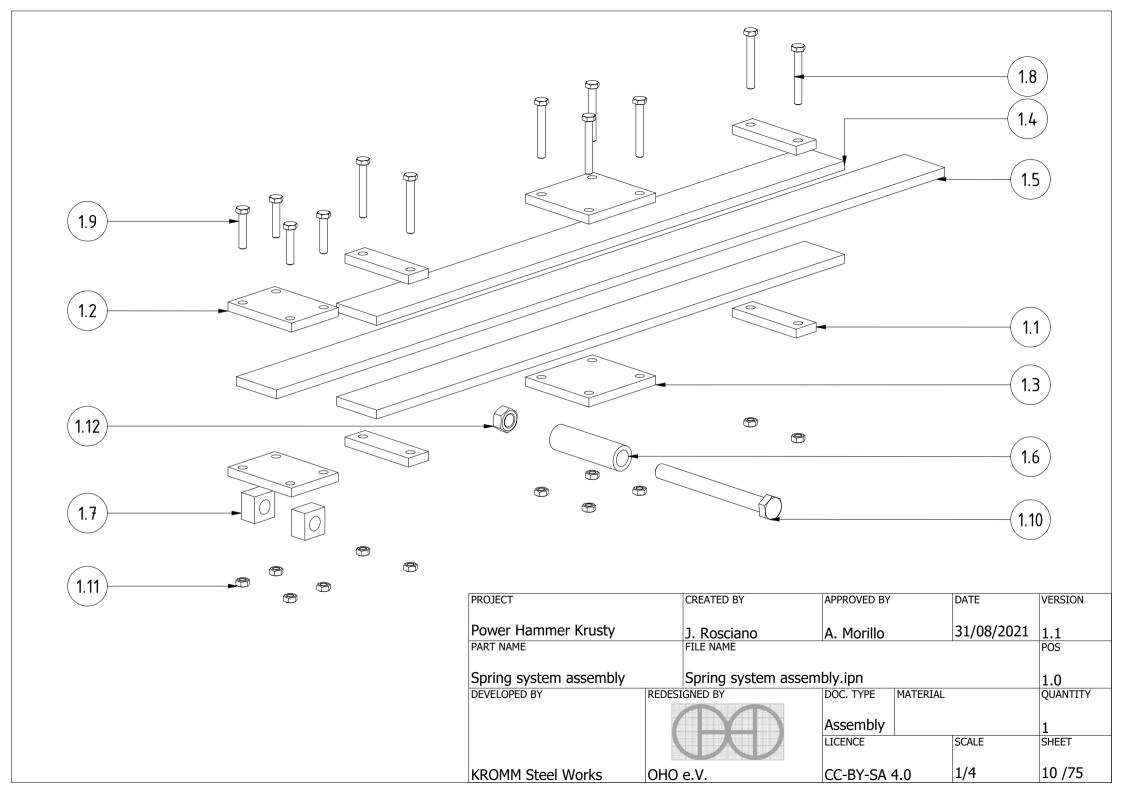
	Parts list										
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET					
10.3	1	Pin		Standard	ANSI PIN 0.625" x 4"						
10.4	1	Split pin		Standard	DIN 94 - 3.2 x 25						

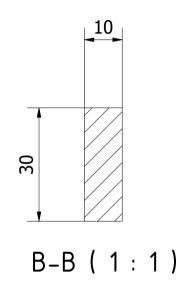
PROJECT	CREATED BY	APPROVED BY	/ DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo	31/08/2021	1.1
PART NAME	FILE NAME			POS
Parts list	ksw_phk_powe	r-hammer-krusty	/.CSV	B4
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL	QUANTITY
		Parts list		
		LICENCE	SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	7 /75

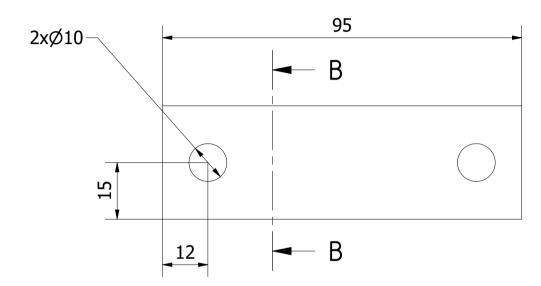
	TECHNICL NOTES
NOTES	CONTENT
GENERAL NOTES	
	Iron structures should be painted to prevent rust and improve equipment life.
	- Remove loose rust with a wire brush, sandpaper or chemical rust remover.
Metal structure treatment	- If applicable, sand areas where paint is chipping until surface is smooth.
	- Remove dust or oil with a degreaser or denatured alcohol.
	- Prime surface to protect against rust and corrosion
	- The ground must be stable and have a low water table.
Foundations fixing	- The structure must be fixed on firm oncrete soil or on poured footings with steel reinforcement.
Foundations fixing	- The anchorage can be bolted with expansive ramplugs or welded.
	- 3/8" (9 mm) ribbed bar reinforcement

PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty PART NAME	J. Rosciano FILE NAME	A. Morillo 31/08/2		31/08/2021	1.1 POS
Technical notes DEVELOPED BY REDE	SIGNED BY	DOC. TYPE MATERIAL MA	ATERIAL		C1 QUANTITY
		LICENCE		SCALE	SHEET
KROMM Steel Works OHO	O e.V.	CC-BY-SA 4.0	0		8 /75

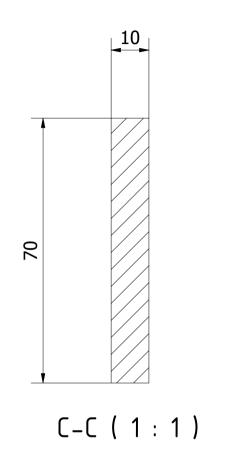


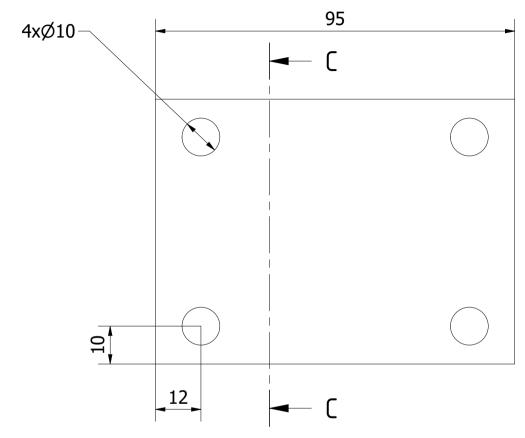




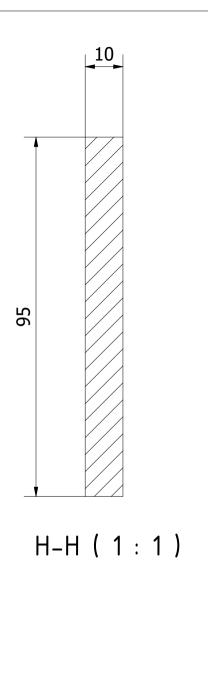


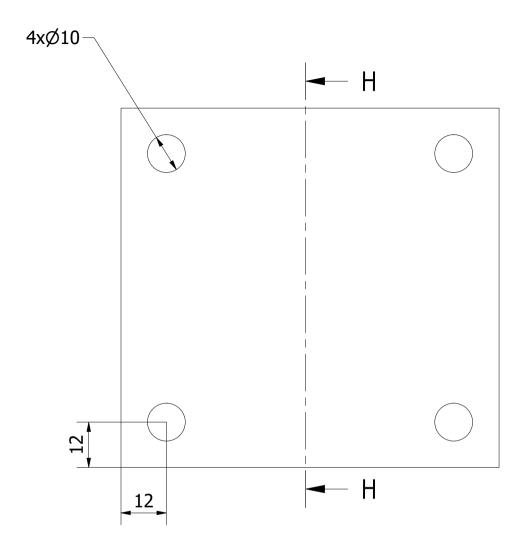
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME	·			POS
Flat sheet A	Flat sheet A.ipt				1.1
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	DOC. TYPE MATERIAL		QUANTITY
		Part	ASTM A	36	4
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	11 /75
		<u> </u>		1	1



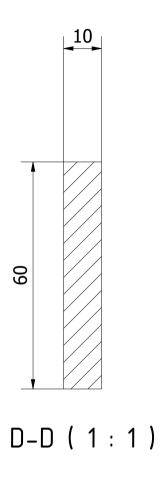


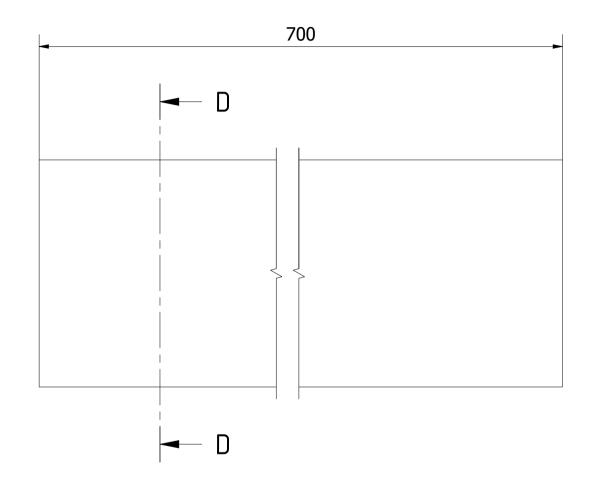
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	Y	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME	•		•	POS
Flat sheet B	Flat sheet B.ipt				1.2
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A	36	2
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	12 /75



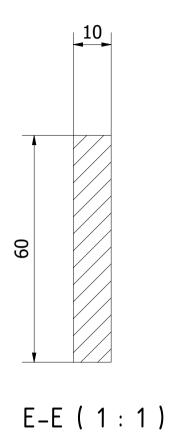


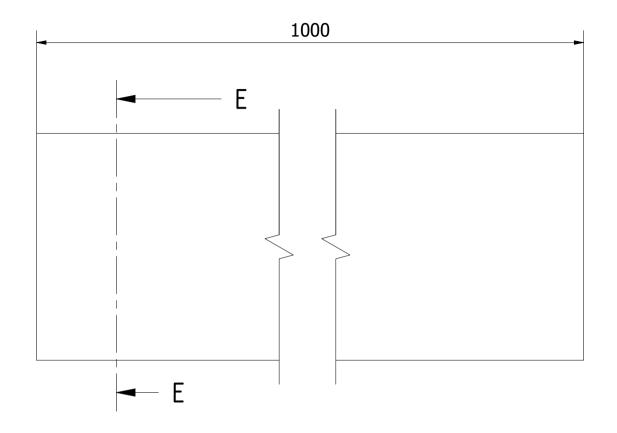
				Note: All ι	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	′	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Flat sheet C	Flat sheet C.ipt				1.3
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A	36	2
		LICENCE	•	SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	13 /75



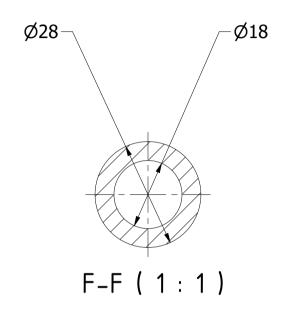


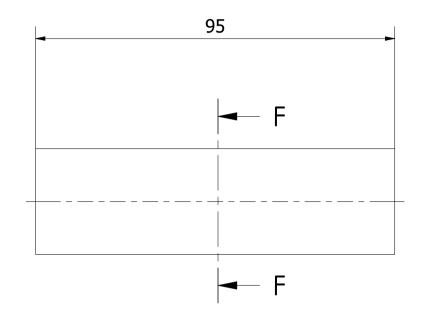
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	Y	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Flat sheet D	Flat sheet D.ipt				1.4
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A	36	2
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	14 /75



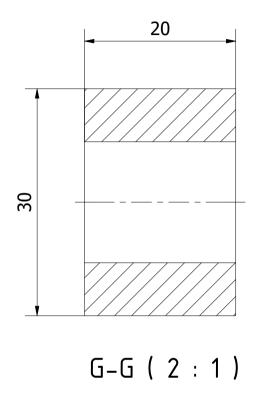


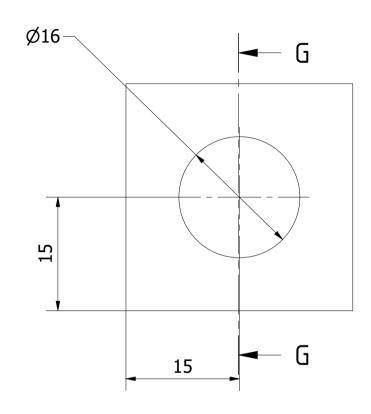
Note: All units in mm								
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION			
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1			
PART NAME	FILE NAME	•			POS			
Flat sheet E	Flat sheet E.ipt				1.5			
DEVELOPED BY	REDESIGNED BY	DOC. TYPE MATERIAL			QUANTITY			
		Part	ASTM A36		1			
		LICENCE	SCALE		SHEET			
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	15 /75			



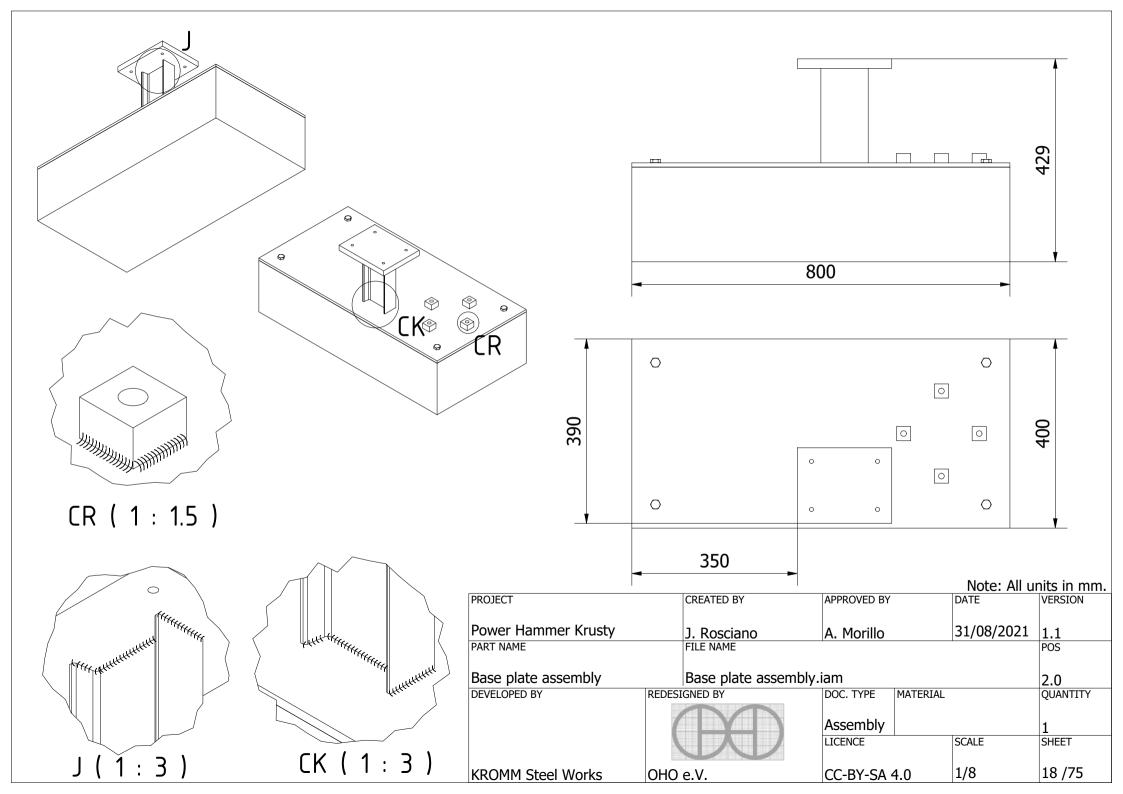


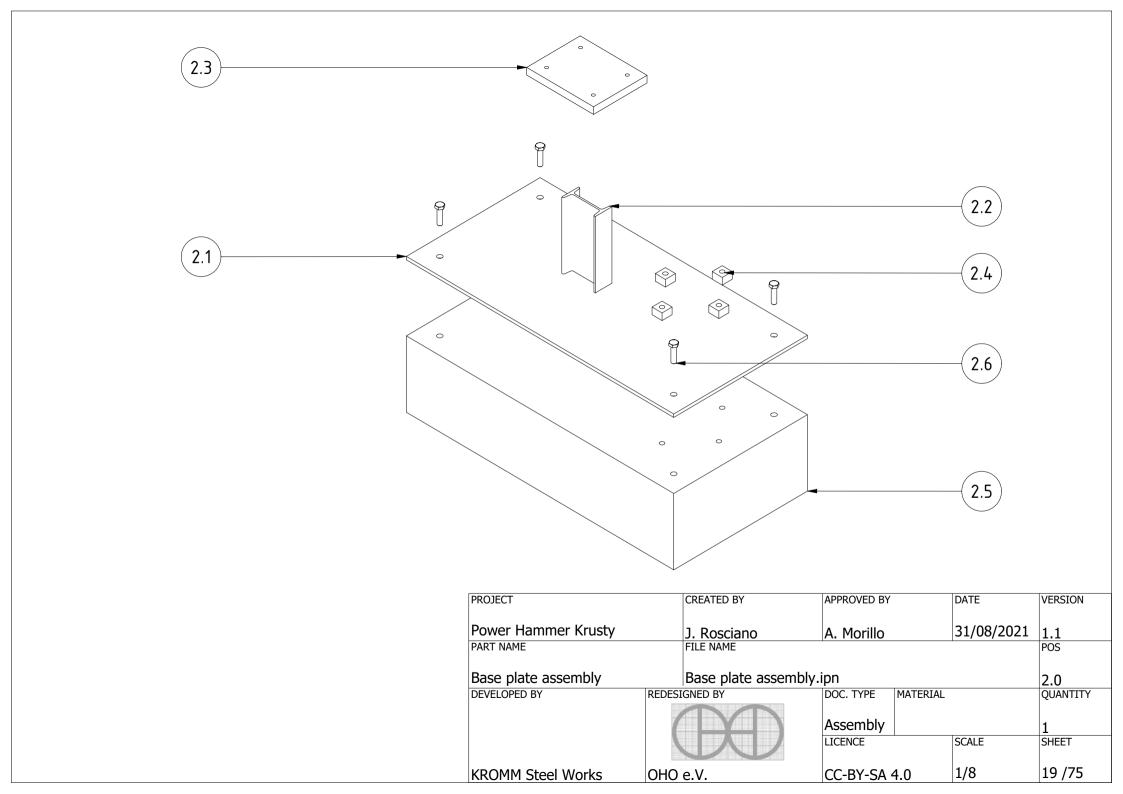
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	/	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Pivot	Pivot.ipt				1.6
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A	36	1
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	16 /75

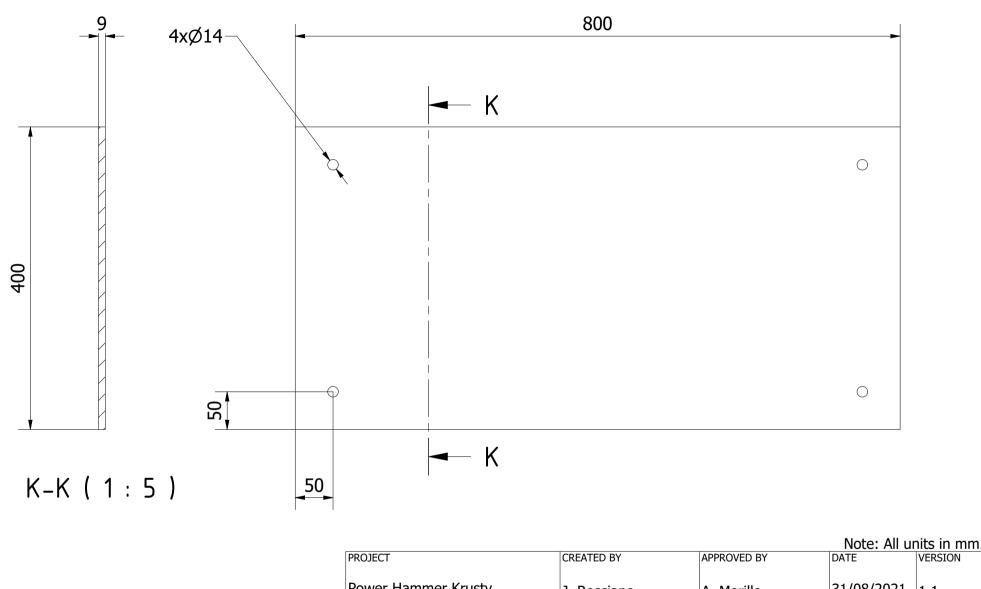




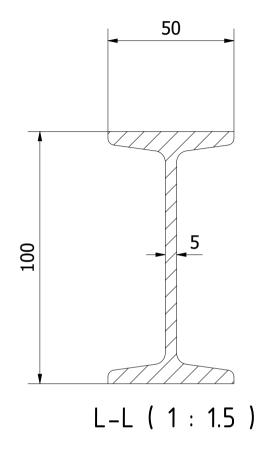
				Note: All u	inits in mm.
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME	<u>'</u>			POS
Connection pivot	Connection pivot	.ipt			1.7
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	DOC. TYPE MATERIAL		
	Part	ASTM A3	36	2	
			SCALE		SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	2/1	17 /75

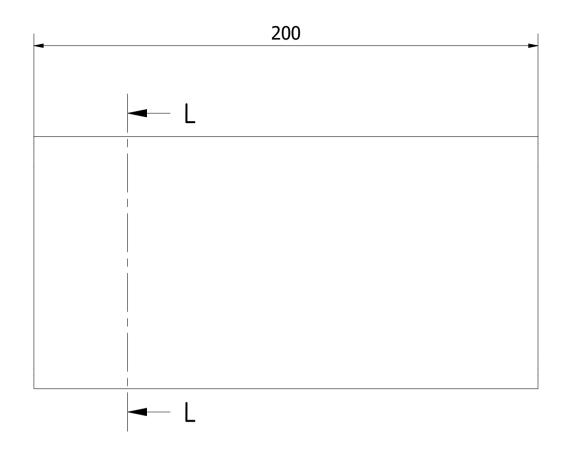




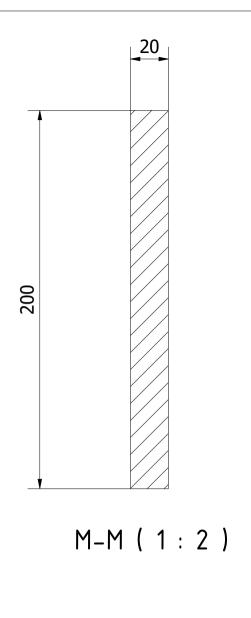


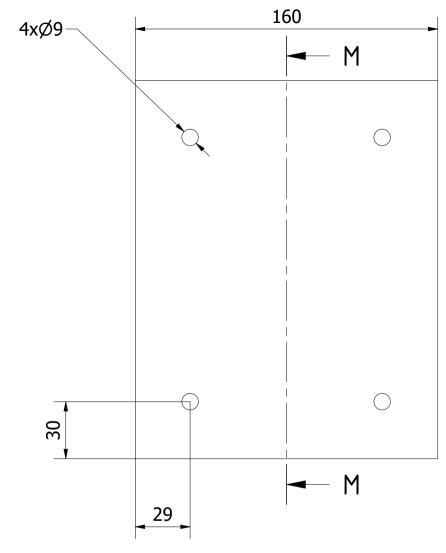
					note: All ul	nits in min.
PROJECT	CREATED BY	APP	ROVED BY		DATE	VERSION
Power Hammer Krusty	1 Dessions		Mau:Ha		31/08/2021	4 4
	J. Rosciano	A.	Morillo		31/00/2021	1.1
PART NAME	FILE NAME					POS
D	Paca int					2.4
Base	Base.ipt					2.1
DEVELOPED BY	REDESIGNED BY	DOC	DOC. TYPE MATERIAL			QUANTITY
				l	_	
		Part		ASTM A36		1
		LICE	LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC	-BY-SA	4 N	1/5	20 /75
INIVOLUIT SIGGI WOLKS	OHO C.V.	CC	יאכיום	т. О	-, -	20 , , 5



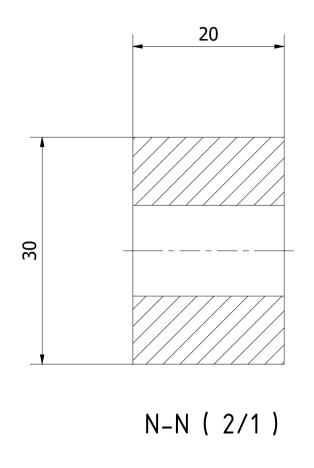


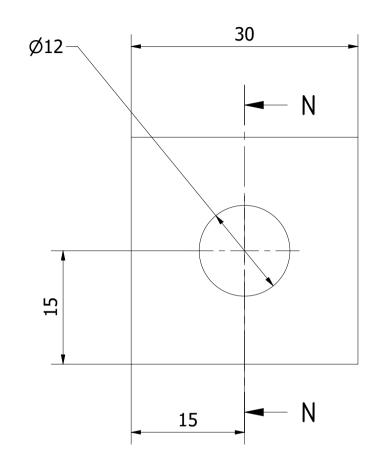
				Note: All u	nits in mm.
PROJECT	CREATED BY	APPROVED BY	′	DATE	VERSION
Power Hammer Krusty PART NAME	J. Rosciano FILE NAME	A. Morillo		31/08/2021	1.1 POS
Motor base A	Motor base A.ipt				2.2
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM AS	36	1
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1.5	21 /75



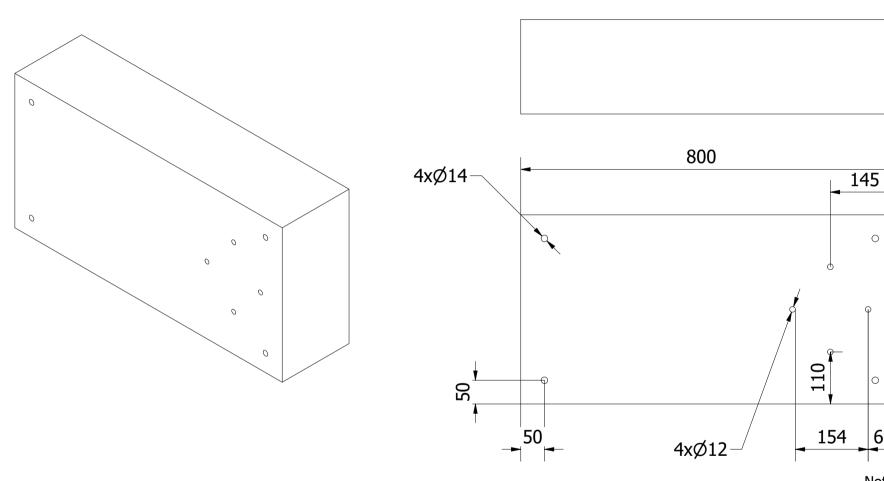


Note: All units in mm								
PROJECT	CREATED BY	APPROVED BY	′	DATE	VERSION			
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1			
PART NAME	FILE NAME	•			POS			
Motor base B	Motor base B.ipt				2.3			
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY			
		Part		36	1			
		LICENCE		SCALE	SHEET			
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/2	22 /75			

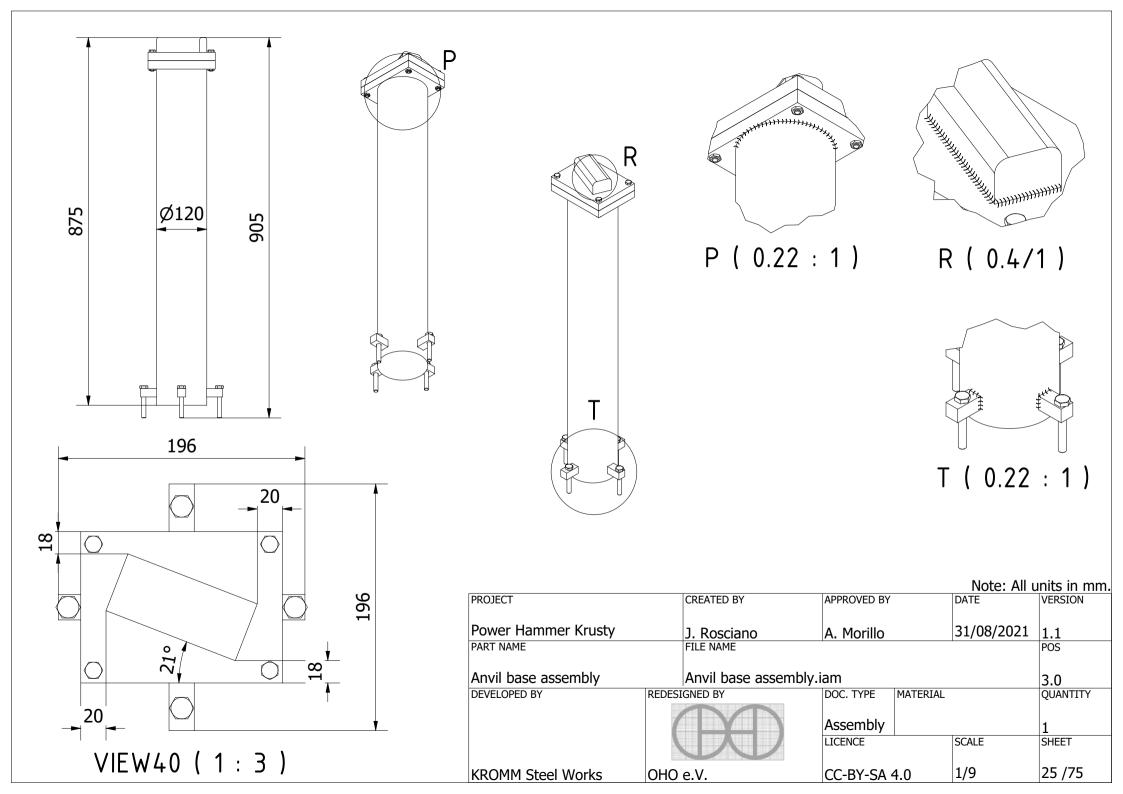


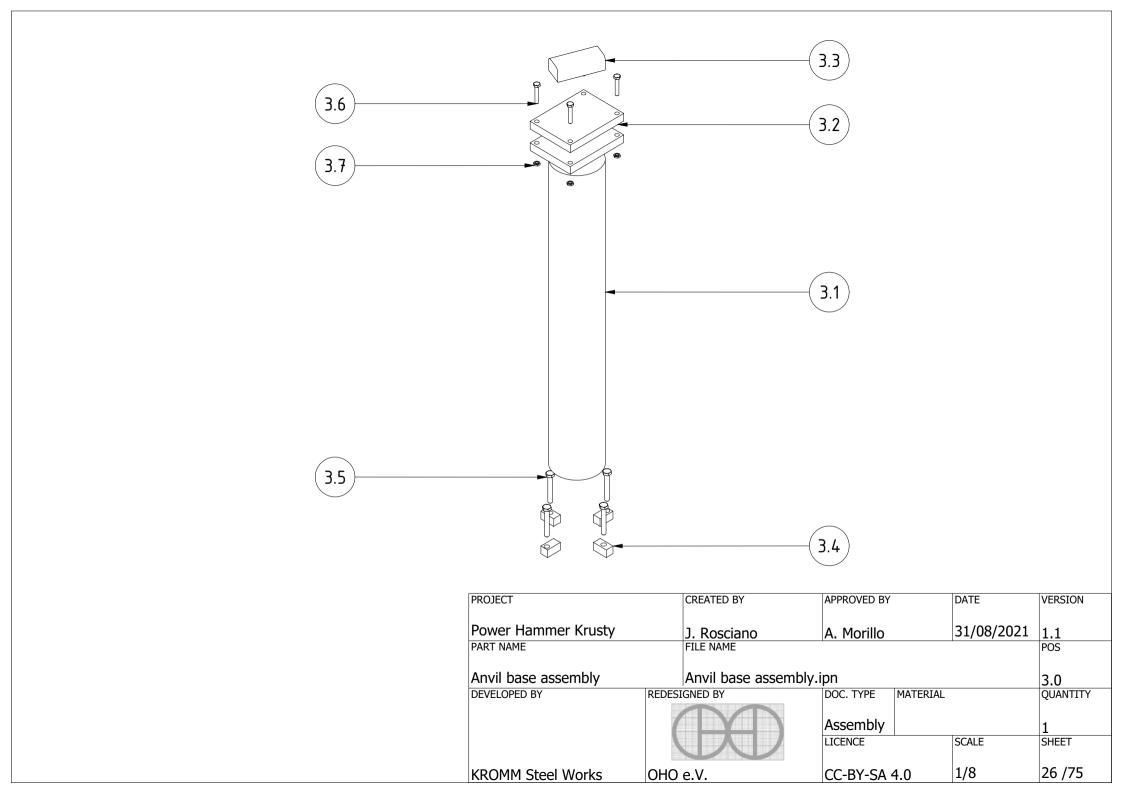


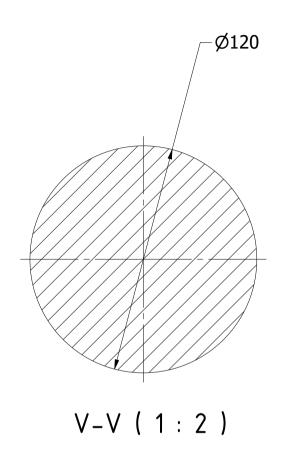
				Note: All u	nits in mm.
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME	,			POS
Connection anvil base	Connection anvil	base.ipt			2.4
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A3	36	4
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	2/1	23 /75

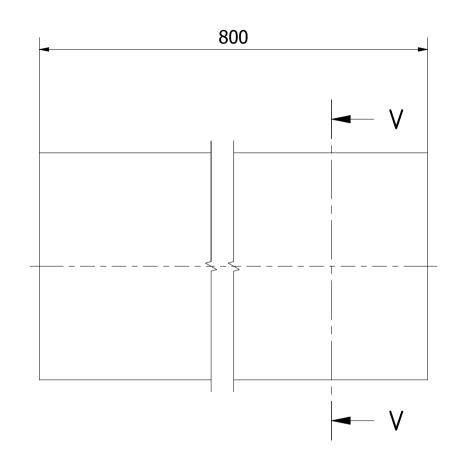


				Note: All u	units in mm.
PROJECT	CREATED BY	APPROVED BY	(DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Foundation	Foundation.ipt				2.5
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	Concrete	9	1
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/8	24 /75

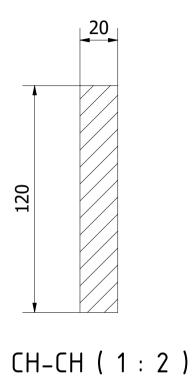


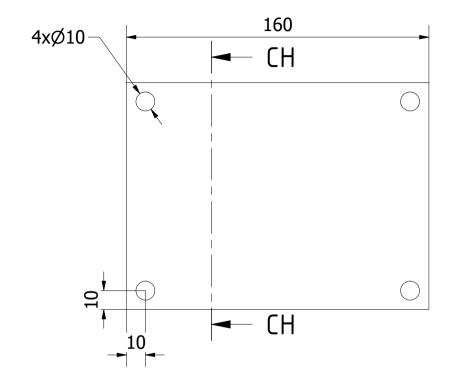


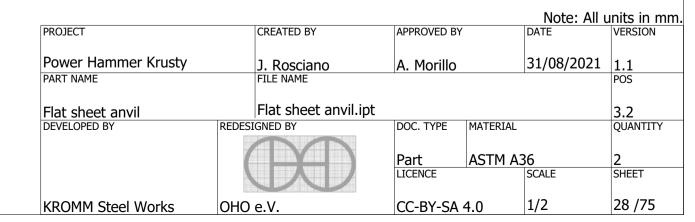


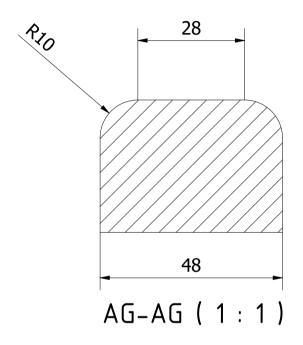


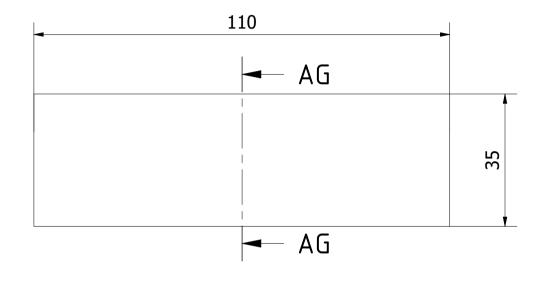
Note: All units in mm									
CREATED BY	APPROVED BY		DATE	VERSION					
J. Rosciano	A. Morillo		31/08/2021	1.1					
FILE NAME				POS					
Cylinder anvil.ipt				3.1					
SIGNED BY	DOC. TYPE MATERIAL			QUANTITY					
	Part		36	1					
	LICENCE		SCALE	SHEET					
e.V.	CC-BY-SA	4.0	1/2	27 /75					
	J. Rosciano	J. Rosciano FILE NAME Cylinder anvil.ipt SIGNED BY DOC. TYPE Part LICENCE	J. Rosciano FILE NAME Cylinder anvil.ipt SIGNED BY DOC. TYPE MATERIAL Part ASTM A3 LICENCE	CREATED BY APPROVED BY DATE 31/08/2021 FILE NAME Cylinder anvil.ipt GIGNED BY DOC. TYPE MATERIAL Part ASTM A36 LICENCE SCALE					



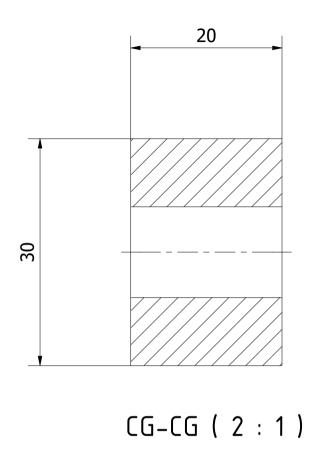


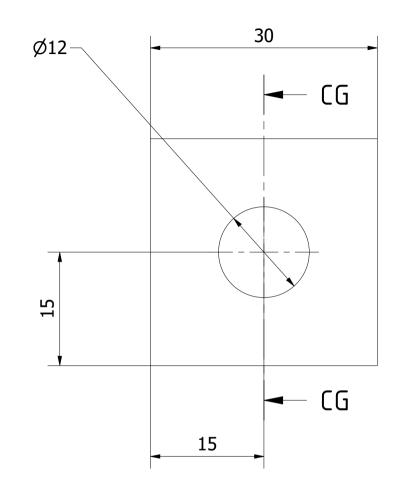




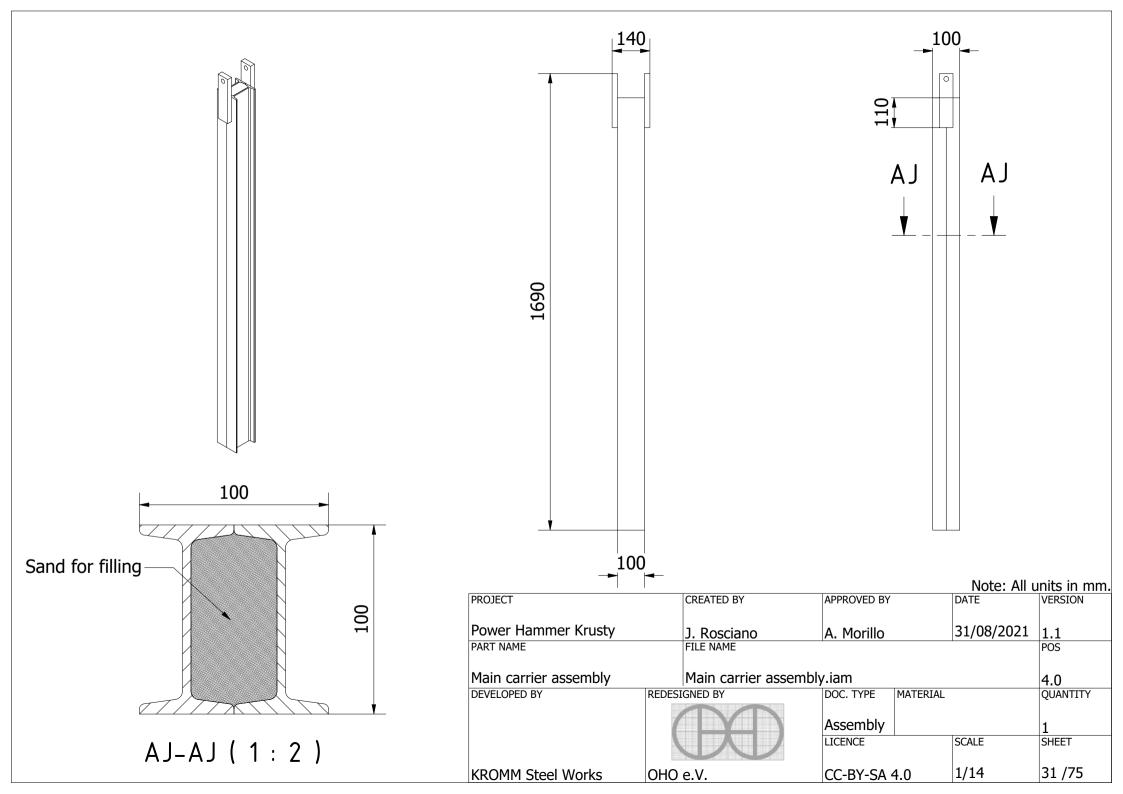


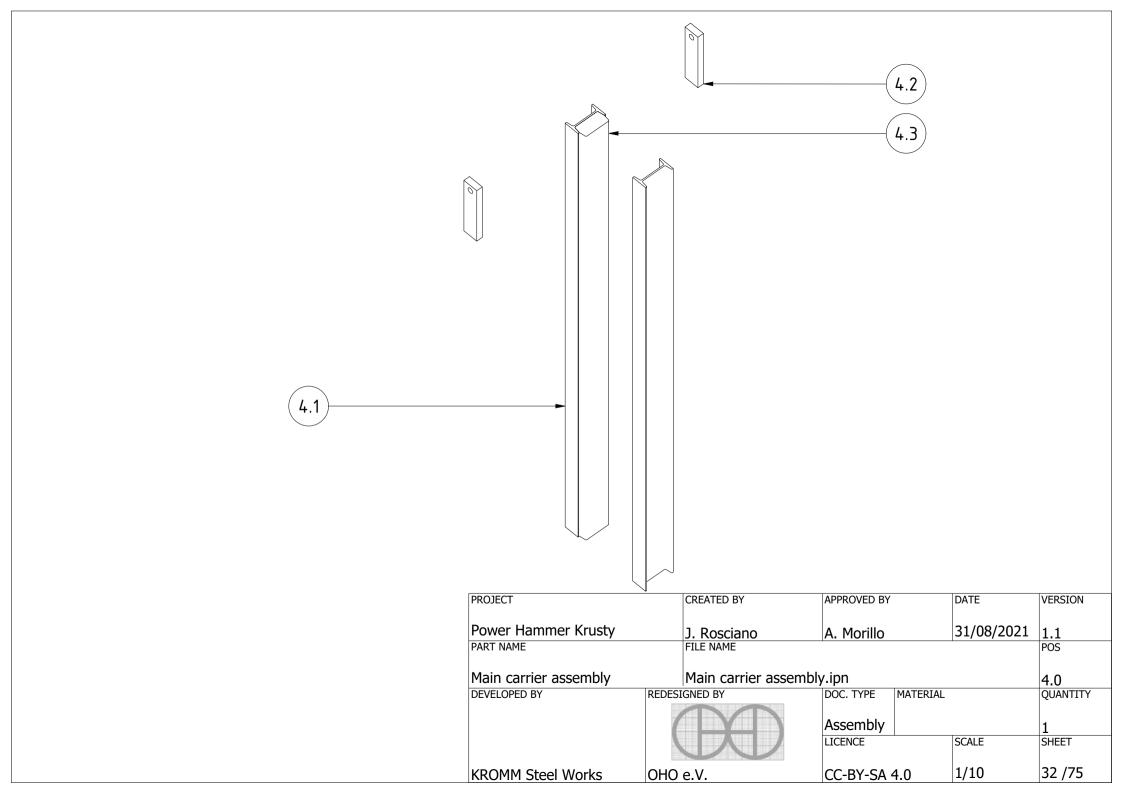
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	,	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Anvil A	Anvil A.ipt				3.3
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	Steel 41	30	1
		LICENCE	•	SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	29 /75

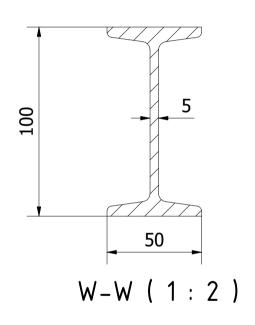


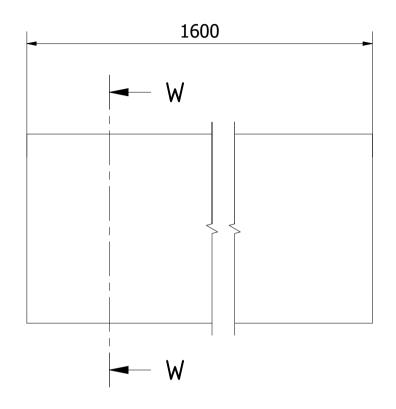


Note: All units in mm.							
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION		
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1		
PART NAME FILE NAME					POS		
Connection anvil base Connection anvil base.ipt					3.4		
DEVELOPED BY	REDESIGNED BY	SIGNED BY DOC. TYPE MATERIAL			QUANTITY		
		Part	ASTM A3	36	4		
		LICENCE		SCALE	SHEET		
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	2/1	30 /75		

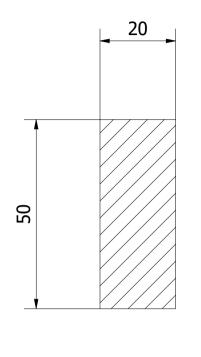




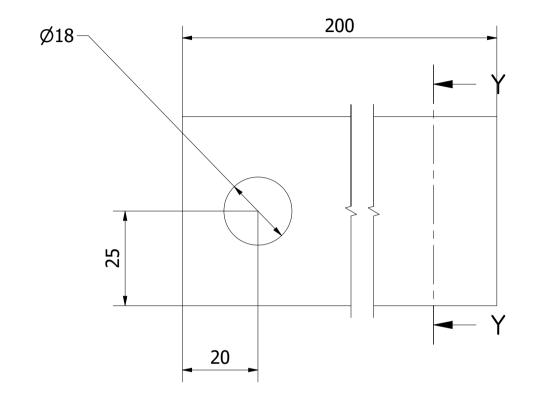




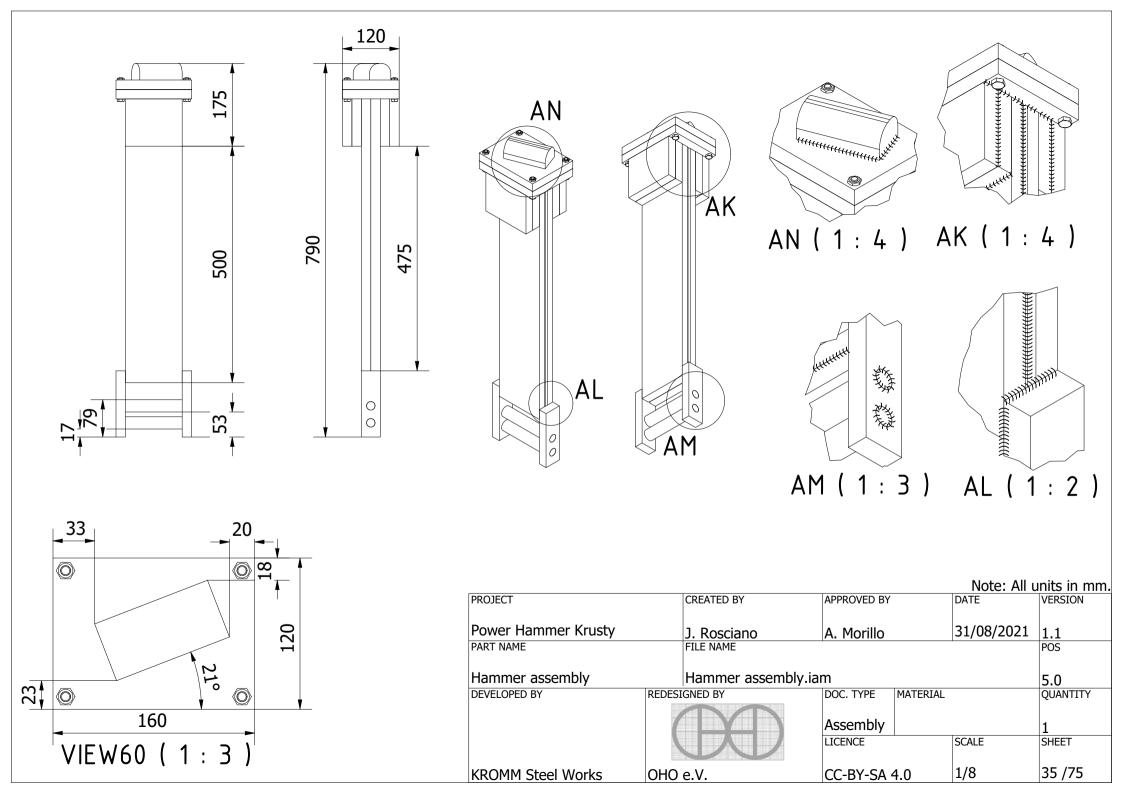
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	APPROVED BY		VERSION
			A. Morillo 31/08/2021		
Power Hammer Krusty	J. Rosciano	A. Morillo	A. Morillo		1.1
PART NAME FILE NAME				POS	
Beam	Beam.ipt				4.1
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A36		2
		LICENCE	LICENCE		SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	CC-BY-SA 4.0 1/2		33 /75

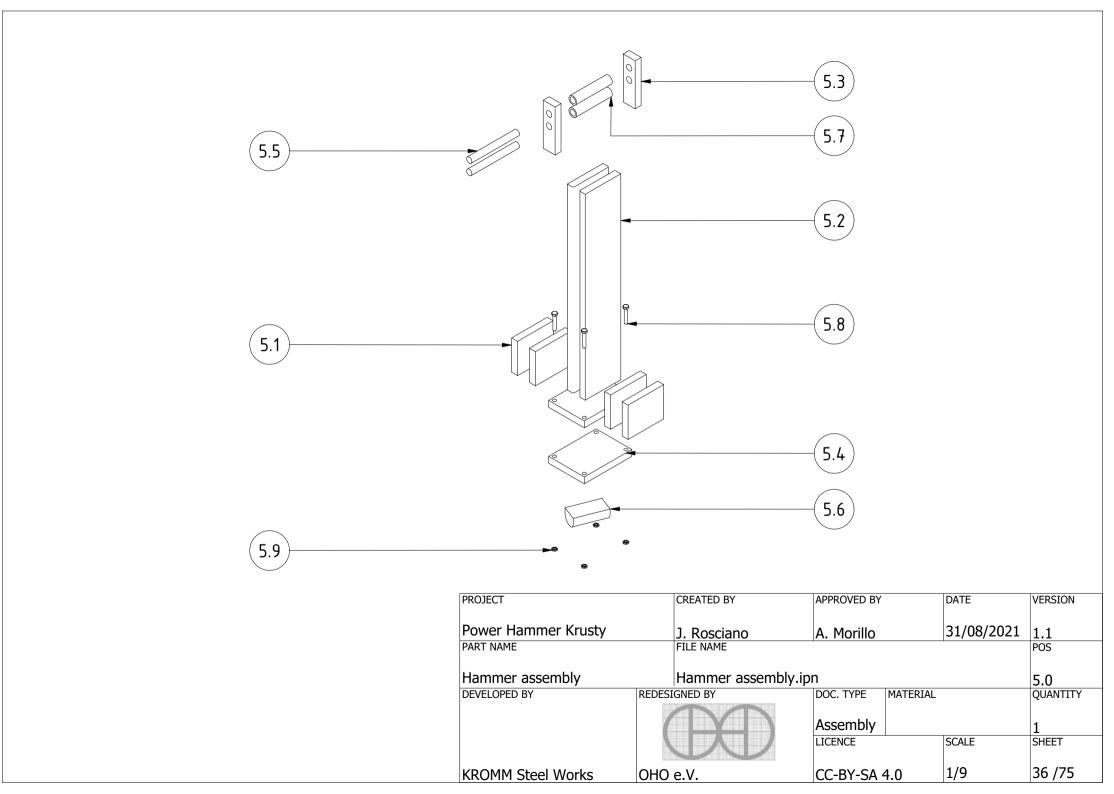


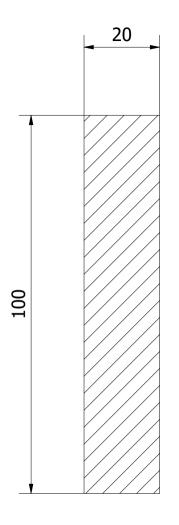
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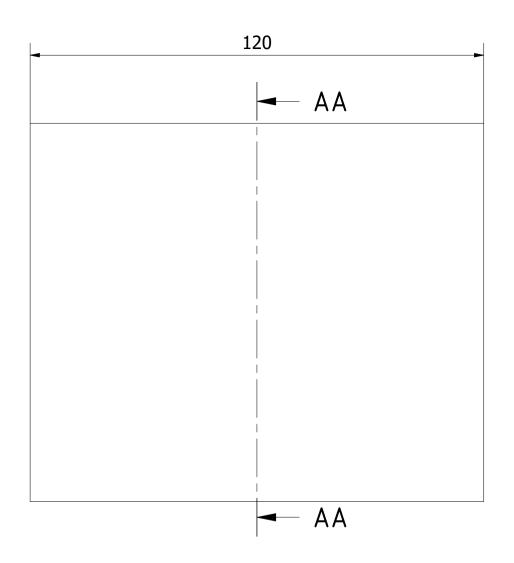
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	·	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME FILE NAME					POS
Flat sheet carrier Flat sheet carrier.ipt					4.2
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	DOC. TYPE MATERIAL		QUANTITY
		Part	ASTM A3	36	2
		LICENCE	LICENCE		SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	34 /75



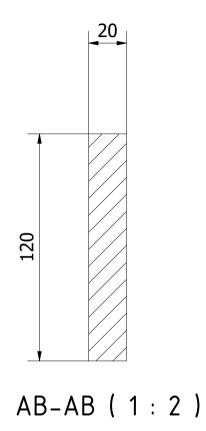


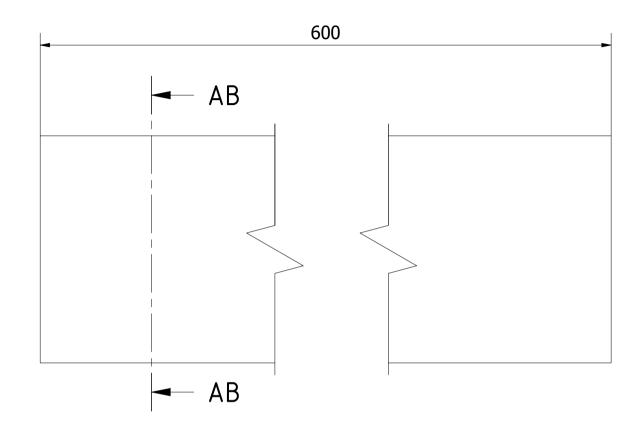


AA-AA (1 : 1)

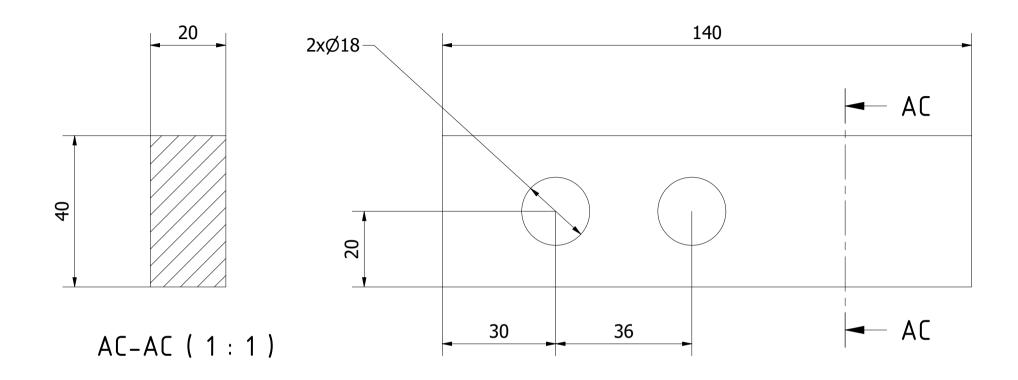


				Note: All ι	inits in mm.
PROJECT	CREATED BY	APPROVED BY	•	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME	7 11 11 1011110		- , , -	POS
TAUCH TO WILL	TEE TO TE				103
Sheet hammer A	Sheet hammer A	.ipt			5.1
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A3	36	4
		LICENCE	•	SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4 0	1/1	37 /75
KKOPIPI SICCI WORKS	OHO C.V.	CC DI JA	1.0	-, -	0.,.0

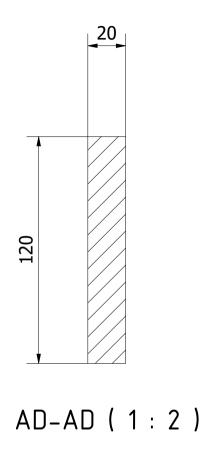


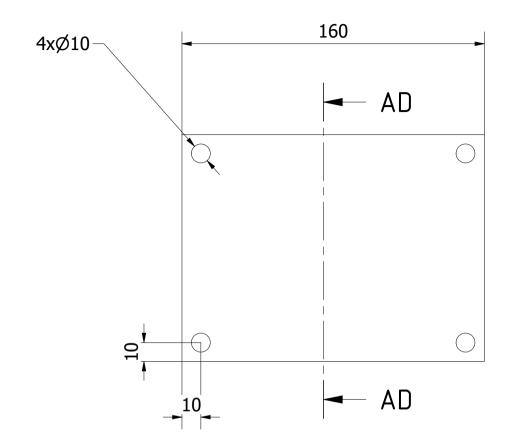


				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty PART NAME	J. Rosciano FILE NAME	A. Morillo		31/08/2021	1.1 POS
Sheet hammer B	Sheet hammer B.ipt	DOC 77/05	MATERIAL		5.2
DEVELOPED BY	DESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A3	36	2
		LICENCE		SCALE	SHEET
KROMM Steel Works OF	lO e.V.	CC-BY-SA	4.0	1/2	38 /75

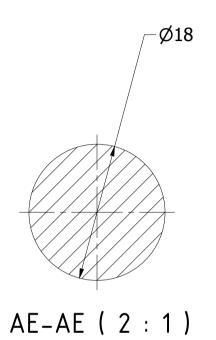


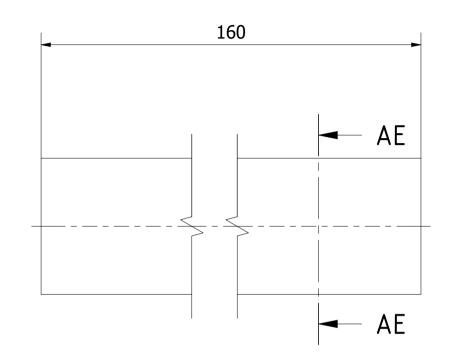
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	,	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Sheet hammer C	Sheet hammer C.ip	ot			5.3
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A3	36	2
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	39 /75



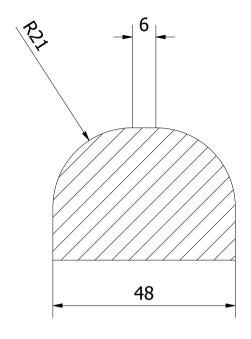


				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	,	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Sheet hammer D	Sheet hammer D	ipt	_		5.4
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A3	36	2
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/2	40 /75

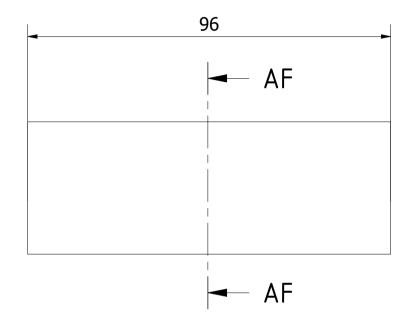




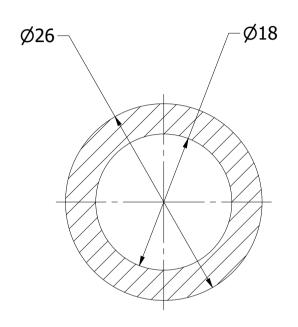
				Note: All u	units in mm.
PROJECT	CREATED BY	APPROVED BY	1	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Bar hammer	Bar hammer.ipt				5.5
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A	36	2
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	2/1	41 /75



AF-AF (1 : 1)

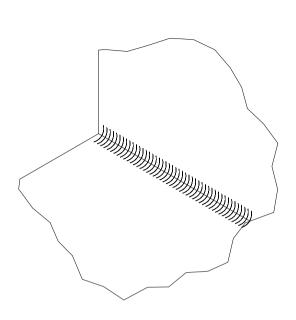


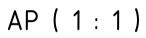
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	'	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME			•	POS
Anvil B	Anvil B.ipt				5.6
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	Steel 41	30	1
		LICENCE	•	SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	42 /75

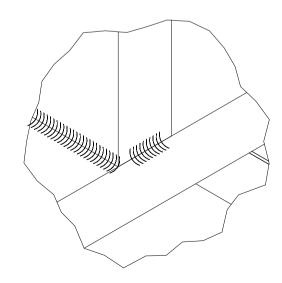


AH-AH (2 : 1)

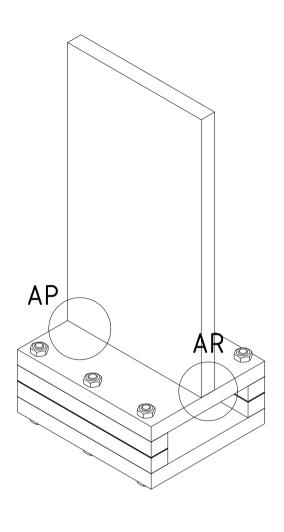
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	1	DATE	VERSION
Power Hammer Krusty PART NAME	J. Rosciano FILE NAME	A. Morillo		31/08/2021	1.1 POS
Bushing	Bushing.ipt				5.7
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A		2
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	2/1	43 /75

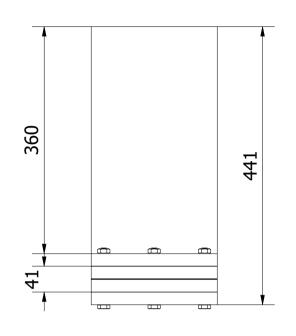


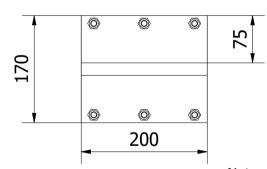




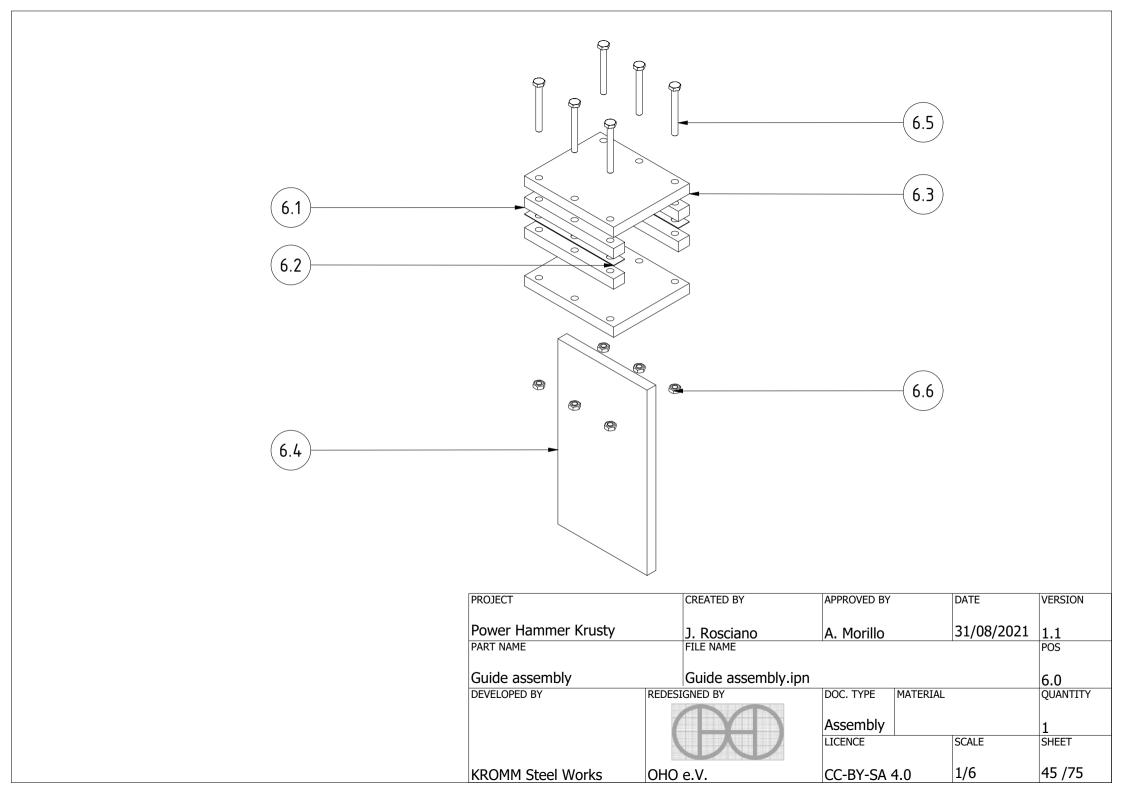
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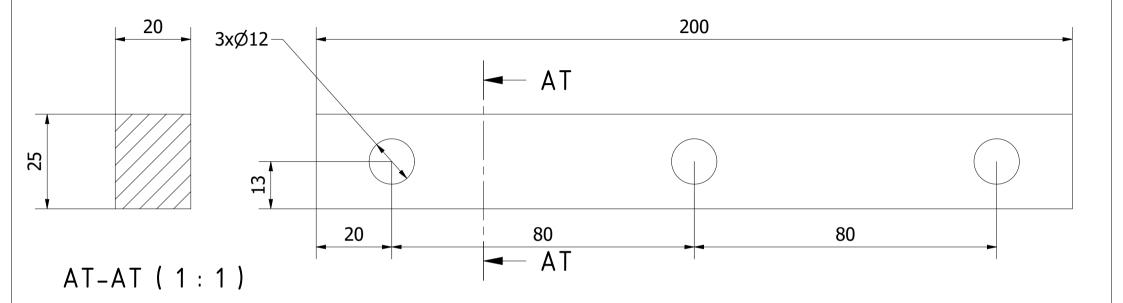




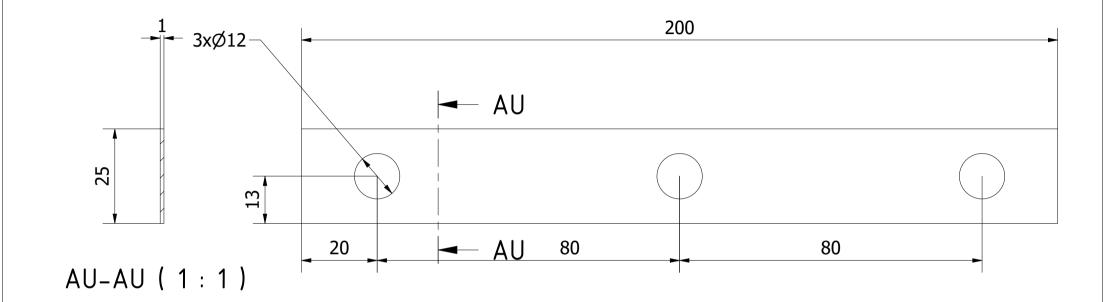


					Note: All u	ınits in mm.
PROJECT		CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty		J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME		FILE NAME	,		, ,	POS
Guide assembly		Guide assembly.iam				6.0
DEVELOPED BY	REDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY
			Assembly			1
	N.		LICENCE		SCALE	SHEET
KROMM Steel Works	ОНО	e.V.	CC-BY-SA	4.0	1/6	44 /75
	•					

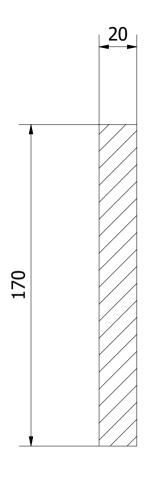




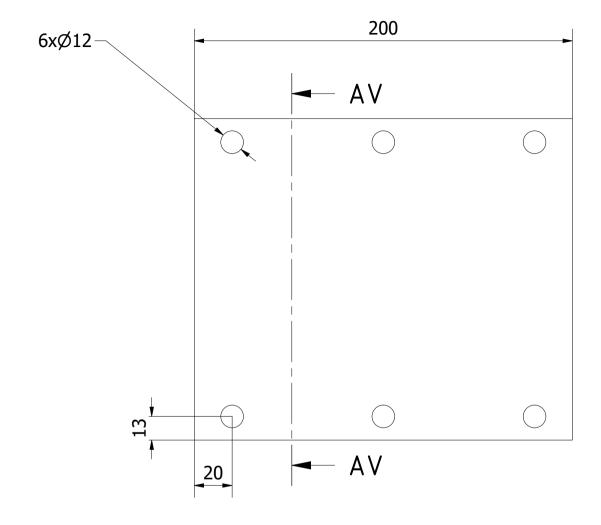
					Note: All ເ	ınits in mm.
PROJECT		CREATED BY	APPROVED BY	/	DATE	VERSION
Power Hammer Krusty		J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME		FILE NAME				POS
Blocks away		Blocks away.ipt				6.1
DEVELOPED BY	REDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY
			Part	ASTM A	36	4
		A + A + A	LICENCE	•	SCALE	SHEET
KROMM Steel Works	ОНО	e.V.	CC-BY-SA	4.0	1/1	46 /75



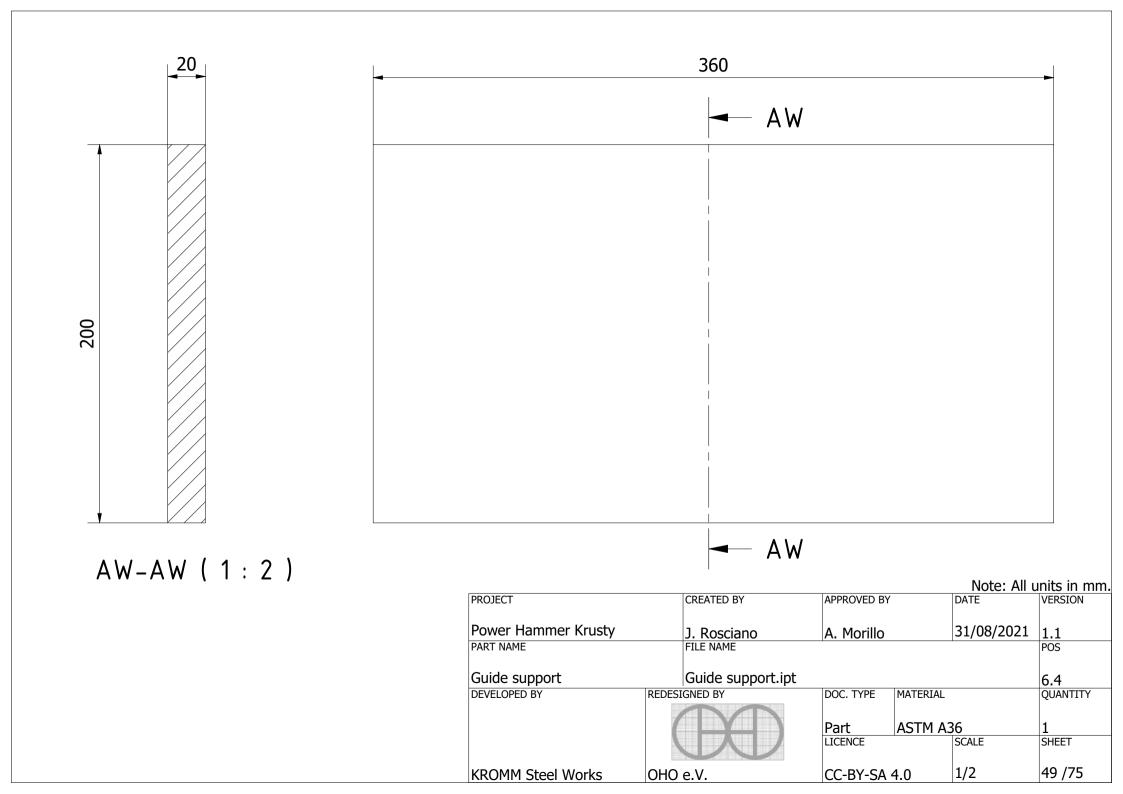
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	,	DATE	VERSION
Power Hammer Krusty PART NAME	J. Rosciano FILE NAME	A. Morillo		31/08/2021	1.1 POS
Spacer	Spacer.ipt				6.2
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A36		SHEET
		LICLIVCE		JOALL	JIILLI
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	47 /75

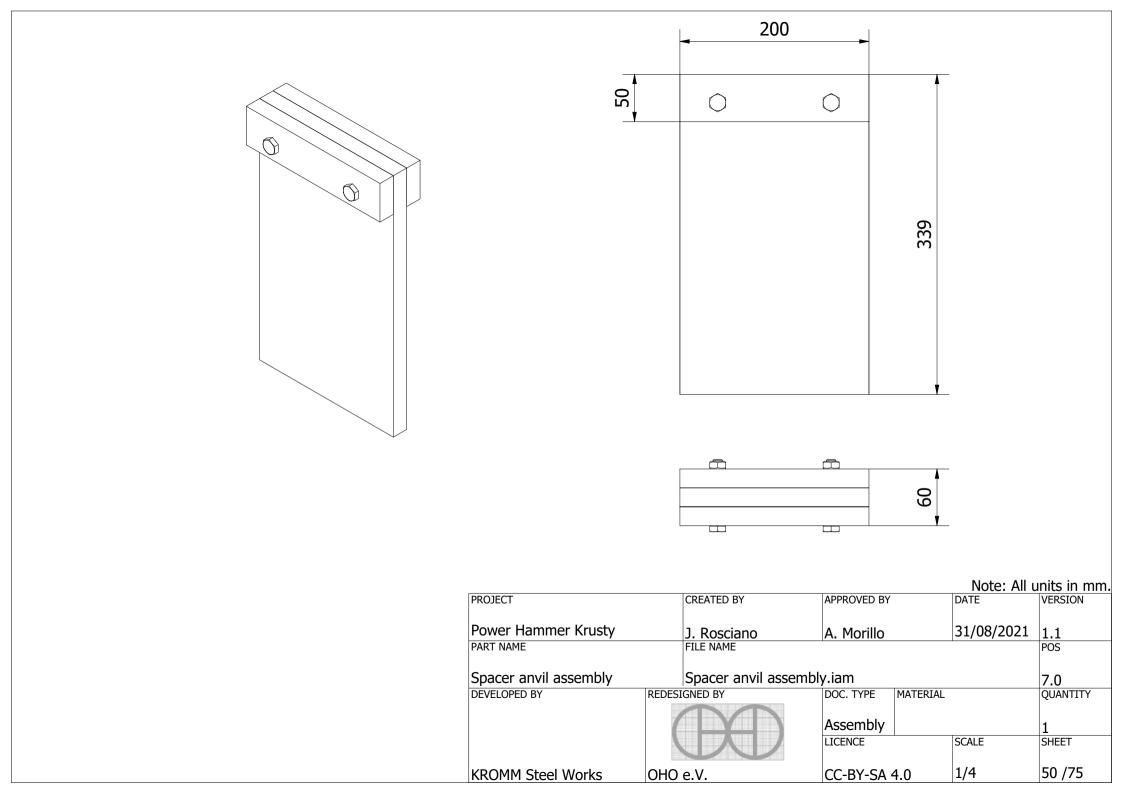


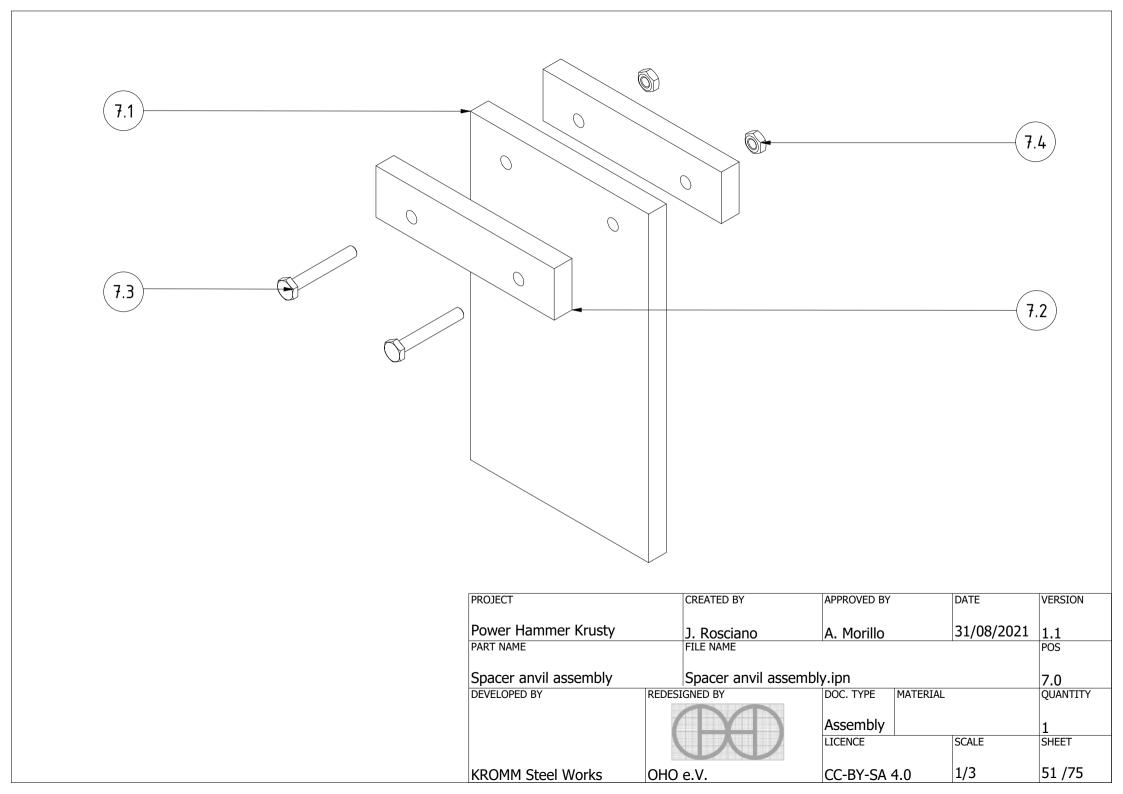
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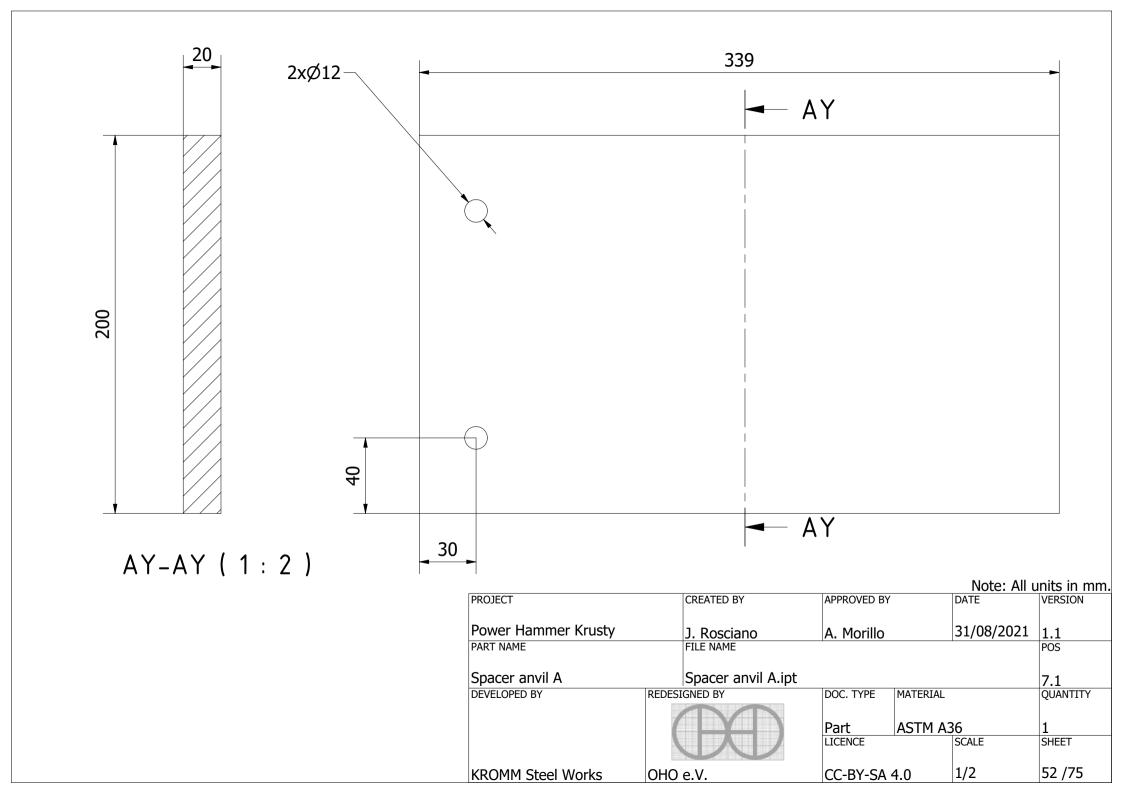


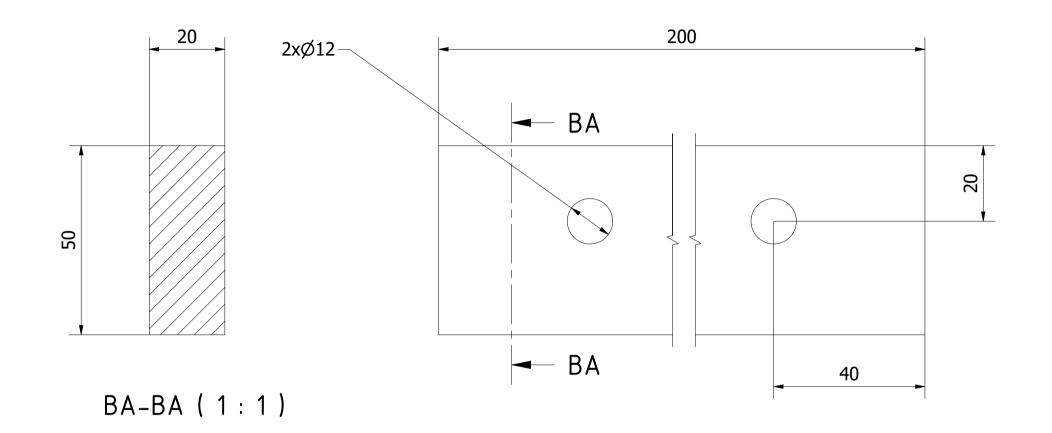
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	,	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Black cover	Block cover.ipt				6.3
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A	36	2
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/2	48 /75
DEVELOPED BY	REDESIGNED BY	Part	ASTM A	SCALE	QUANTITY 2 SHEET



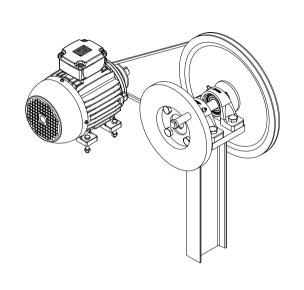


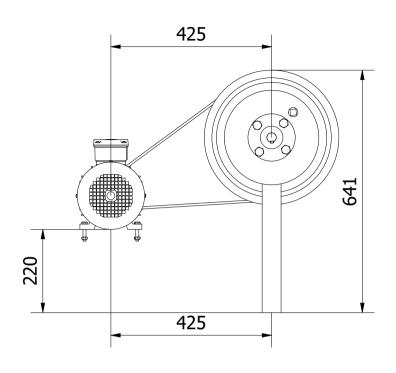


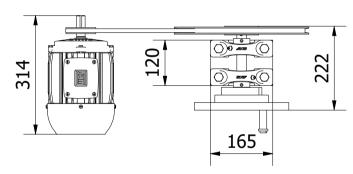




					Note: All ι	ınits in mm.
PROJECT		CREATED BY	APPROVED BY	Y	DATE	VERSION
Power Hammer Krusty		J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME		FILE NAME				POS
Spacer anvil B		Spacer anvil B.ipt				7.2
DEVELOPED BY	REDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY
			Part	ASTM AS	36	2
			LICENCE		SCALE	SHEET
KROMM Steel Works	ОНО	e.V.	CC-BY-SA	4.0	1/1	53 /75

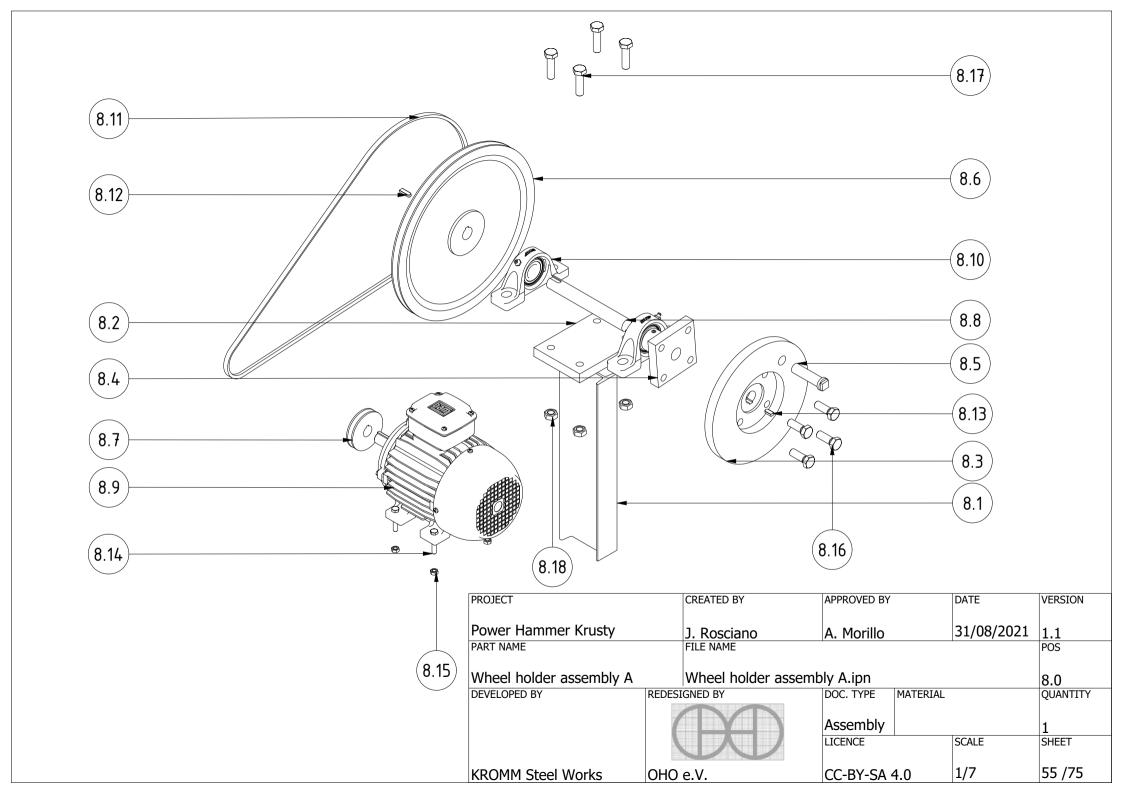


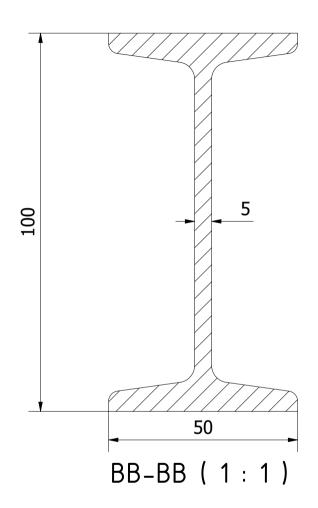


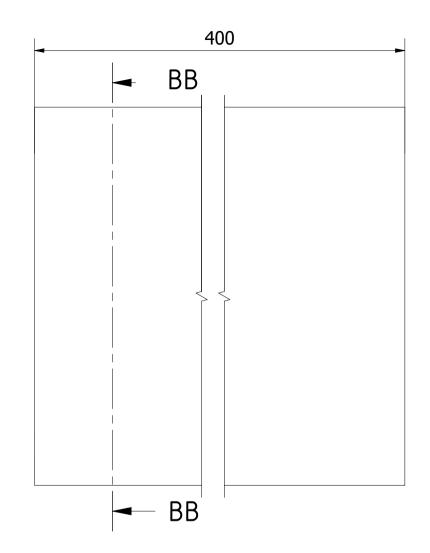


Note: All units in mm.

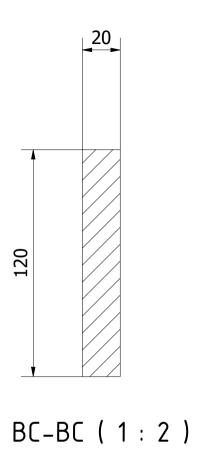
PROJECT	CREATED BY	APPROVED BY	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo	31/08/2021	1.1
PART NAME	FILE NAME			POS
Wheel holder assembly A	Wheel holder asser	mbly A.iam		8.0
DEVELOPED BY	REDESIGNED BY	DOC. TYPE MATERIA	L	QUANTITY
		Assembly		1
		LICENCE	SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA 4.0	1/10	54 /75

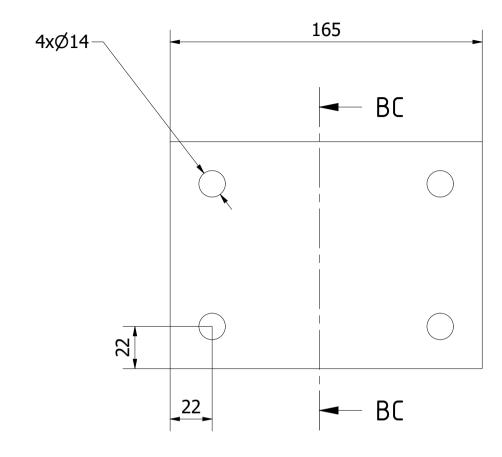




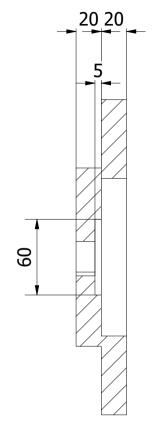


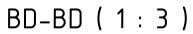
				Note: All ເ	inits in mm.
PROJECT	CREATED BY	APPROVED BY	APPROVED BY		VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Beam wheel holder	Beam wheel holder.i	pt			8.1
DEVELOPED BY	REDESIGNED BY	DOC. TYPE MATERIAL			QUANTITY
		Part	ASTM A3	36	1
		LICENCE SC		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	56 /75

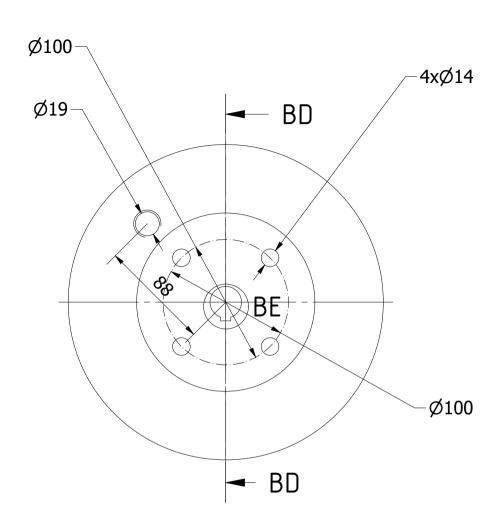


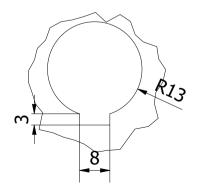


					Note: All ເ	ınits in mm.
PROJECT		CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty		J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME		FILE NAME				POS
Sheet wheel holder		Sheet wheel holder.ip	ot			8.2
DEVELOPED BY	REDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY
			Part	ASTM A3	36	1
			LICENCE		SCALE	SHEET
KROMM Steel Works	ОНО	e.V.	CC-BY-SA	4.0	1/2	57 /75
DEVELOPED BY			Part LICENCE	ASTM A3	SCALE	QUANTITY 1 SHEET



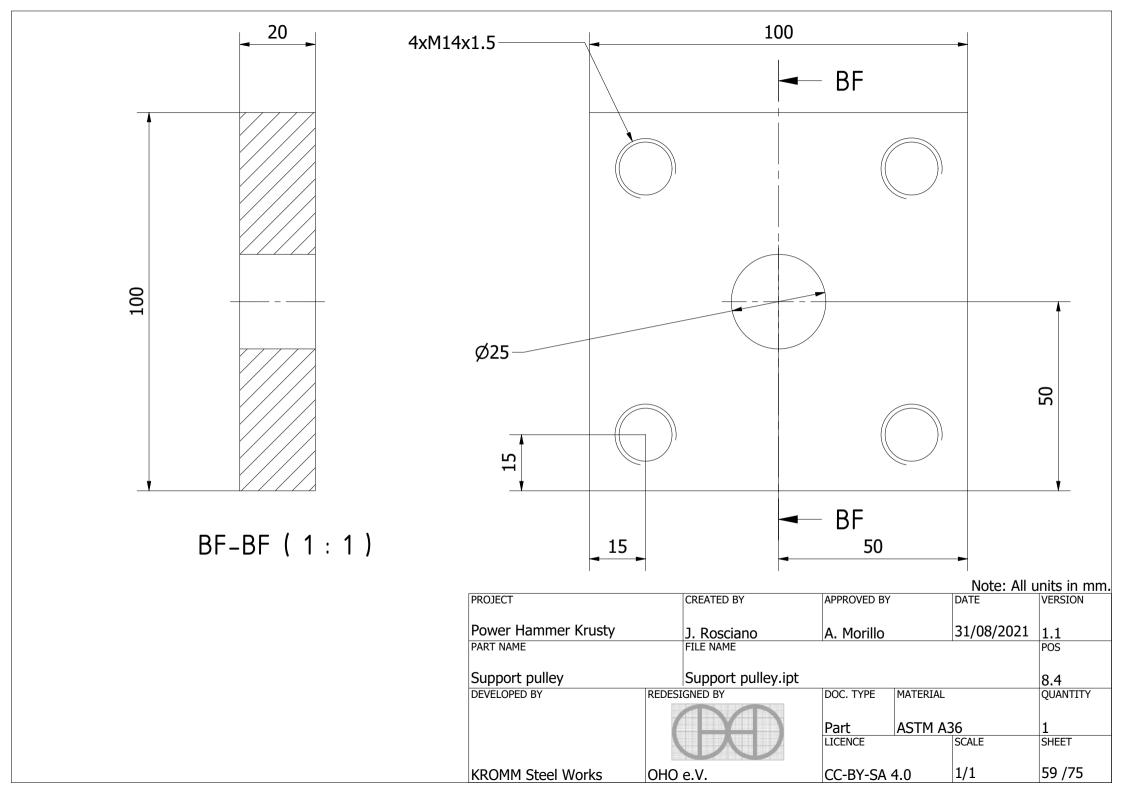


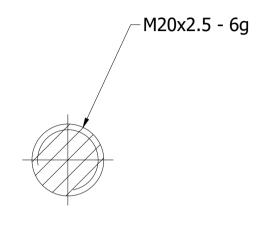




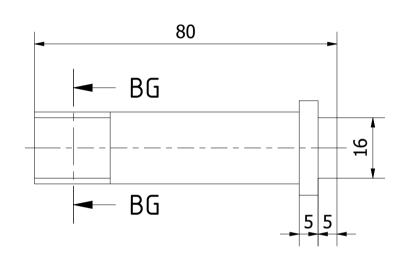
BE (2 : 2)

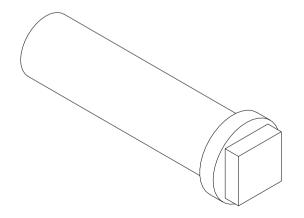
					Note: All ເ	ınits in mm.
PROJECT		CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty		J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME		FILE NAME				POS
Crank		Crank.ipt				8.3
DEVELOPED BY	REDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY
	7					
			Part	DIN C45		1
	N.		LICENCE		SCALE	SHEET
KROMM Steel Works	ОНО	e.V.	CC-BY-SA	4.0	1/3	58 /75
	1	-	1		1 -	-



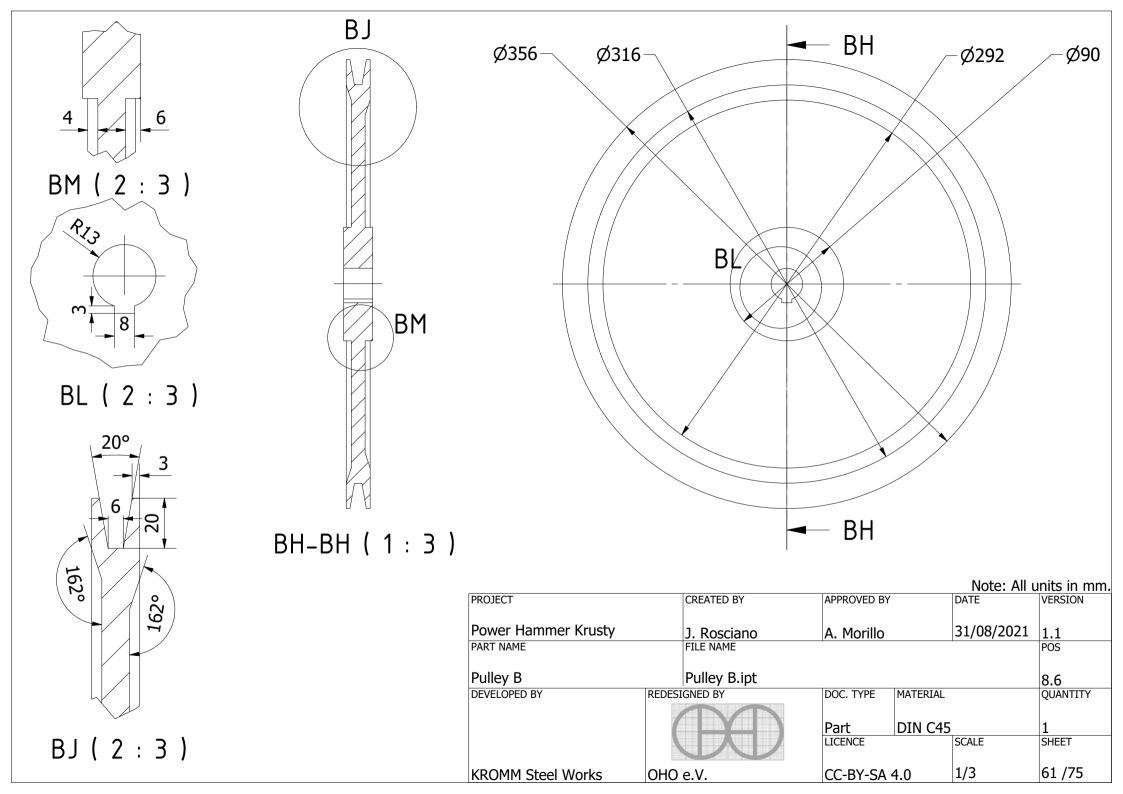


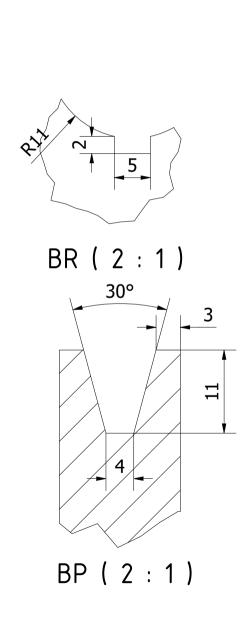
BG-BG (1:1)

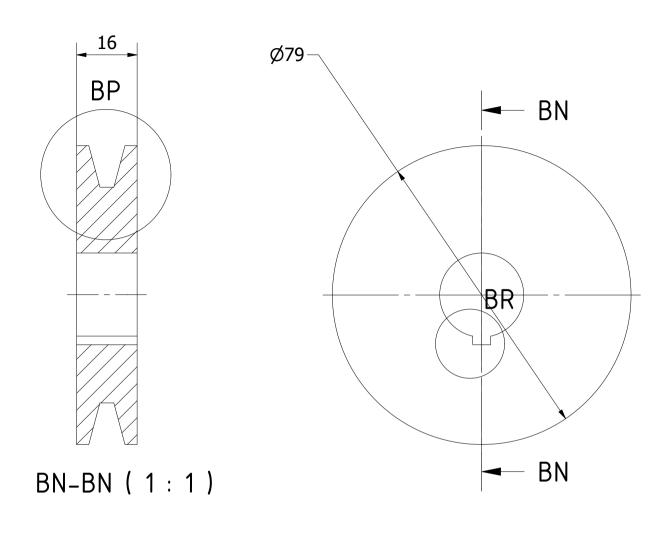




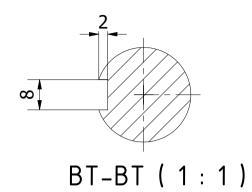
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	,	DATE	VERSION
Power Hammer Krusty PART NAME	J. Rosciano FILE NAME	A. Morillo		31/08/2021	1.1 POS
Pin pulley	Pin pulley.ipt	DOC TVDE	MATERIAL		8.5
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	DIN C45		1
		LICENCE	NCE SCALE		SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	60 /75

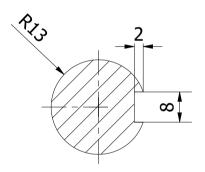




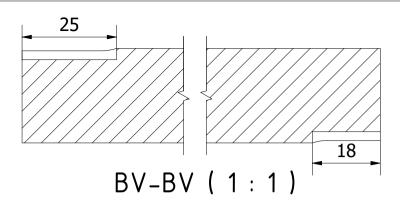


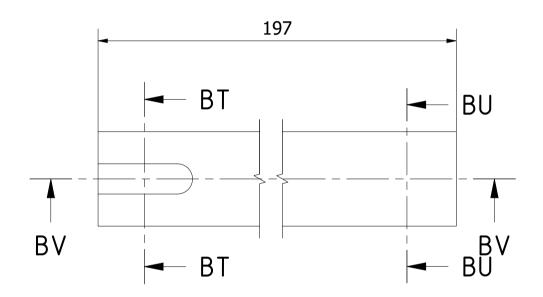
					Note: All u	ınits in mm.
PROJECT	CREATED	BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty	1 D		A		21/09/2021	
rower Hammer Krusty	J. Rosci	ano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME					POS
Pulley C	Pulley C	Cipt				8.7
DEVELOPED BY	REDESIGNED BY	-	DOC. TYPE	MATERIAL		QUANTITY
			Part	DIN C45		1
			LICENCE SCA		SCALE	SHEET
KROMM Steel Works	OHO e.V.		CC-BY-SA	4.0	1/1	62 /75
KKUMM Steel Works	UHU ë.V.		CC-BY-SA	4.0	1/1	02 / / 3



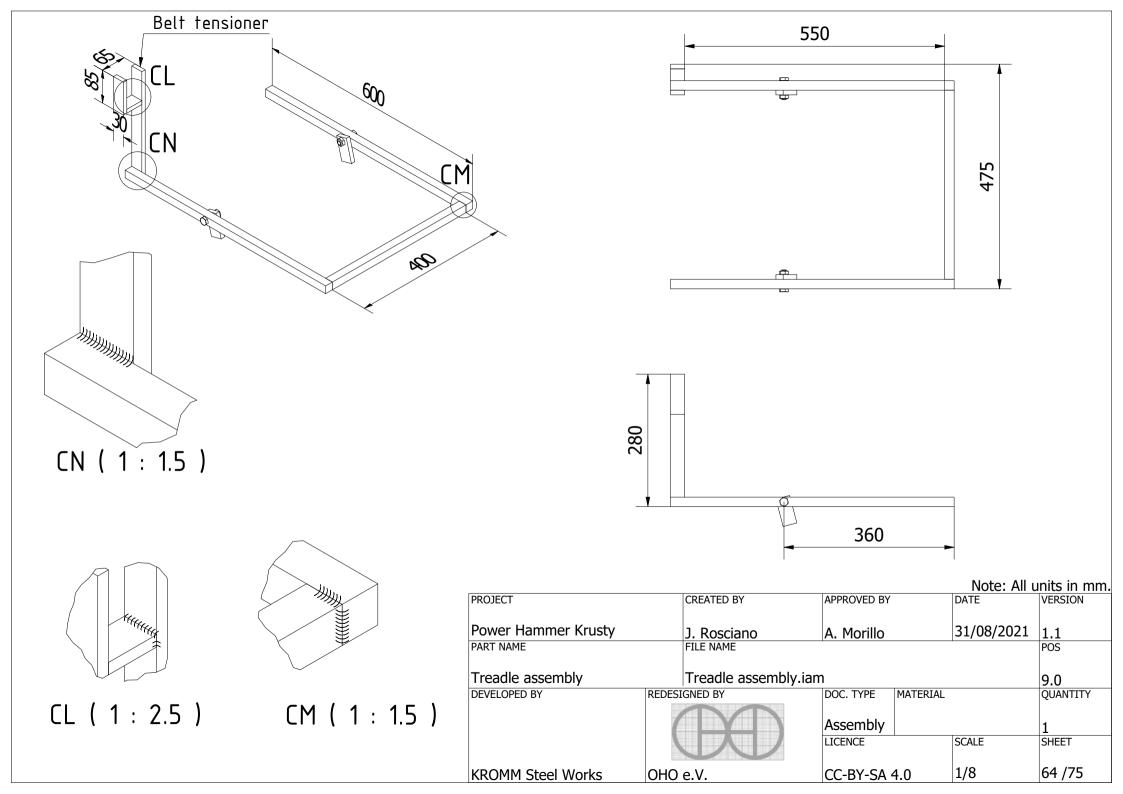


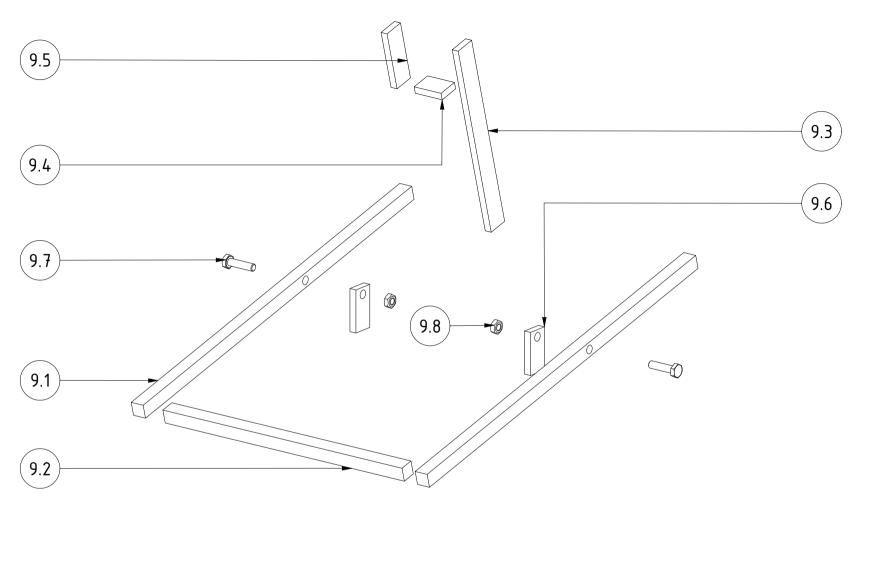
BU-BU (1:1)



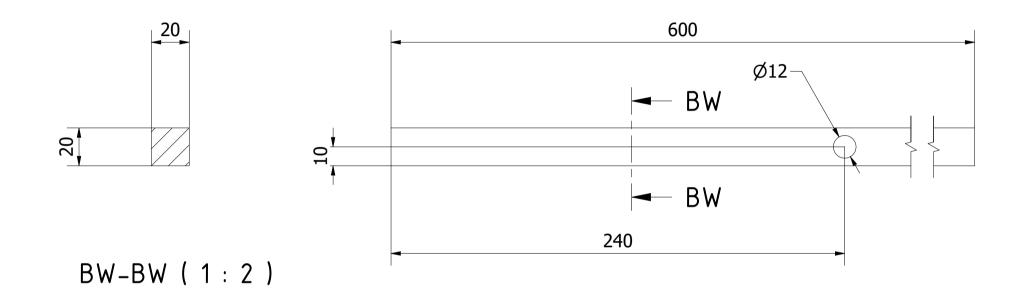


				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	APPROVED BY		VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Shaft	Shaft.ipt				8.8
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	DIN C45		1
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	63 /75

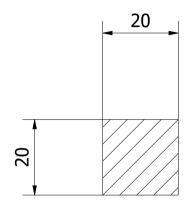




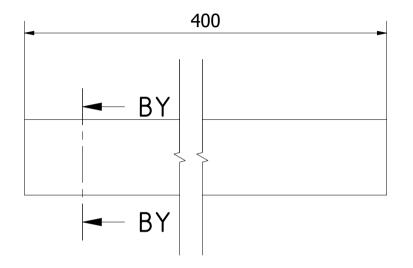
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Treadle assembly	Treadle assembly.ipn				9.0
DEVELOPED BY REDE	SIGNED BY	DOC. TYPE MATERIAL			QUANTITY
		Assembly			1
		LICENCE	'	SCALE	SHEET
KROMM Steel Works OH	O e.V.	CC-BY-SA	4.0	1/5	65 /75



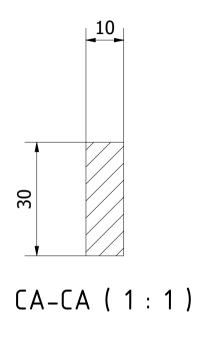
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	,	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Treadle A	Treadle A.ipt				9.1
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		D- 1	A CTNA A C	26	2
		Part	ASTM AS	36	2
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/2	66 /75

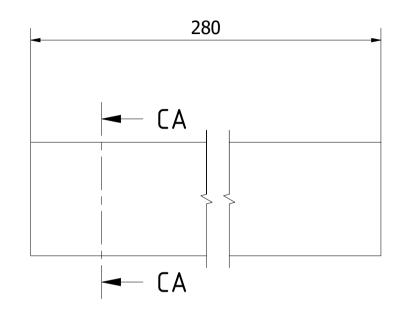


BY-BY (1:1)

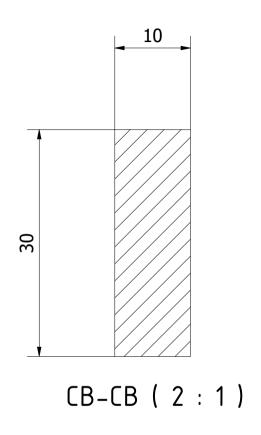


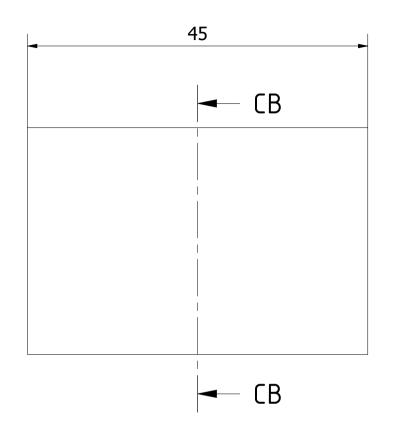
				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	,	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Treadle B	Treadle B.ipt				9.2
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A3	36	1
		LICENCE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	67 /75



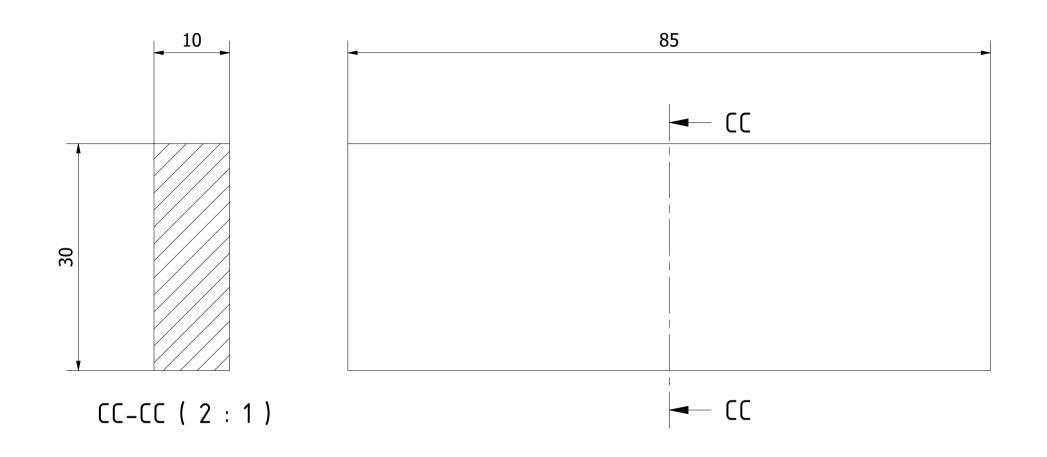


				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	APPROVED BY		VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME			,	POS
Treadle C	Treadle C.ipt				9.3
DEVELOPED BY	REDESIGNED BY	DOC. TYPE MATERIAL			QUANTITY
		Part	ASTM A3	36	1
		LICENCE	LICENCE SCALE		SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA	4.0	1/1	68 /75

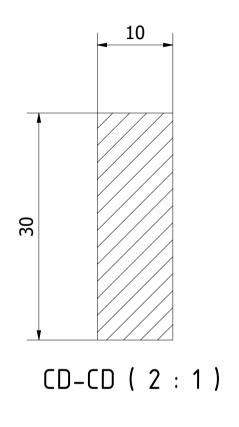


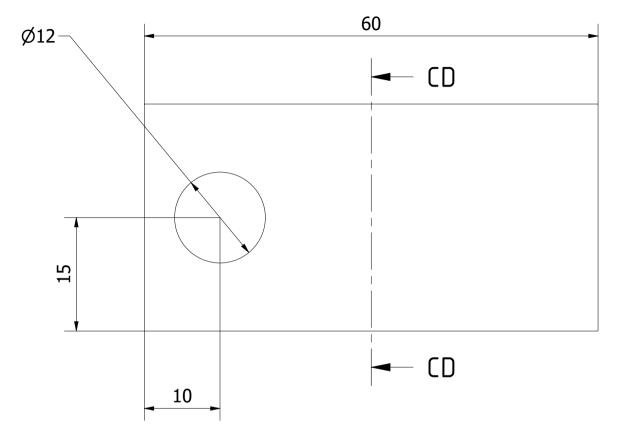


					Note: All ເ	ınits in mm.
PROJECT		CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty		J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME		FILE NAME				POS
Treadle D		Treadle D.ipt				9.4
DEVELOPED BY	REDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY
	7					
			Part	ASTM A3	36	1
			LICENCE	•	SCALE	SHEET
KROMM Steel Works	ОНО	e.V.	CC-BY-SA	4.0	2//1	69 /75
KROMM Steel Works	UHU	e.v.	CC-BY-SA	4.0	Z// I	09//3

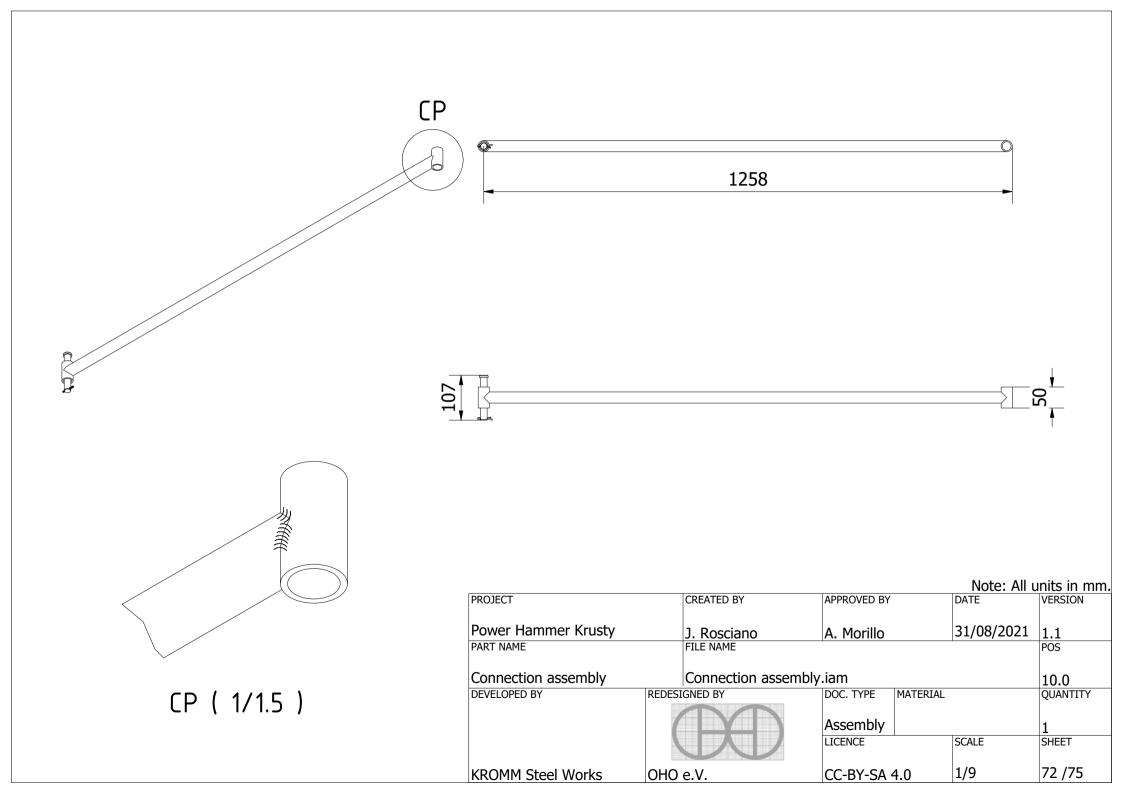


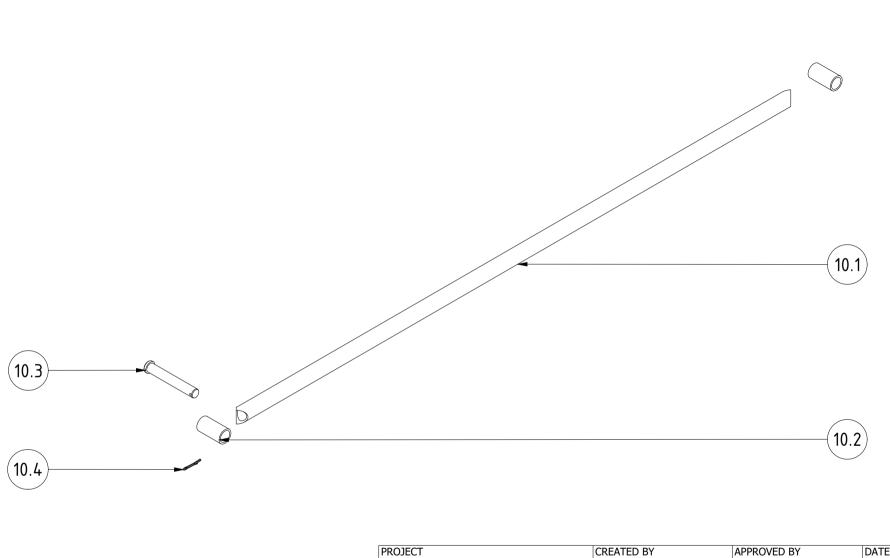
					Note: All ເ	ınits in mm.
PROJECT		CREATED BY	APPROVED BY		DATE	VERSION
					31/08/2021	
Power Hammer Krusty		J. Rosciano	A. Morillo	A. Morillo		1.1
PART NAME		FILE NAME				POS
Treadle E		Treadle E.ipt				9.5
DEVELOPED BY REDESI		GNED BY	DOC. TYPE	MATERIAL	MATERIAL	
			Part	ASTM A36		1
			LICENCE	LICENCE		SHEET
KROMM Steel Works	ОНО	۵V	CC-BY-SA 4.0 2/1		2/1	70 /75
IVIVOLILLI DICCI MOLKS		C.V.	CC-D1-3A T.0 2/1		, 5 , , 5	



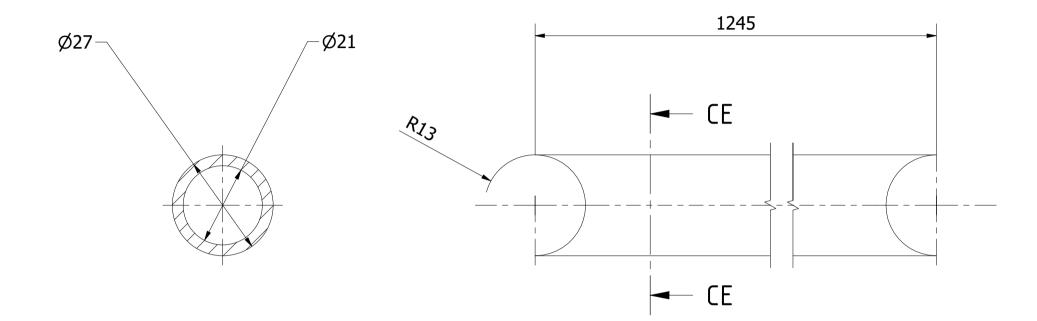


				Note: All ເ	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	APPROVED BY		VERSION
				31/08/2021	
Power Hammer Krusty	J. Rosciano	A. Morillo	A. Morillo		1.1
PART NAME	FILE NAME	•			POS
Treadle F	Treadle F.ipt				9.6
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM A	36	2
		LICENCE	LICENCE		SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA 4.0 2/1		71 /75	



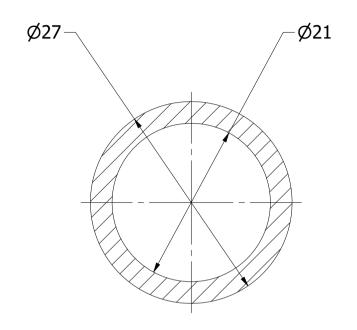


PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty PART NAME	J. Rosciano	A. Morillo 31/		31/08/2021	1.1 POS
Connection assembly	Connection assembly	10.0			
DEVELOPED BY REDE	SIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Assembly		SCALE	1 SHEET
		LICENCE		SCALL	SHILLI
KROMM Steel Works OH	O e.V.	CC-BY-SA 4.0		1/6	73 /75

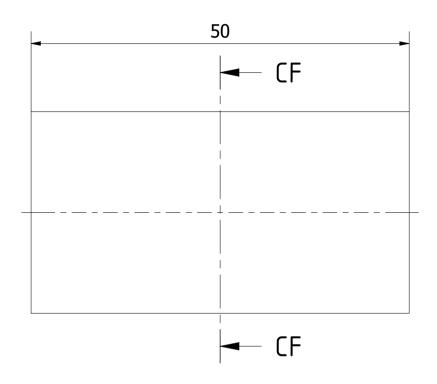


CE-CE (1 : 1)

				Note: All u	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	,	DATE	VERSION
Power Hammer Krusty	J. Rosciano	A. Morillo		31/08/2021	1.1
PART NAME	FILE NAME				POS
Tube connection	Tube connection.ipt				10.1
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Part	ASTM AS	36	1
		LICENCE SCALE		SCALE	SHEET
KROMM Steel Works	OHO e.V.	CC-BY-SA 4.0		1/1	74 /75



CF-CF (2 : 1)



					Note: All u	ınits in mm.
PROJECT		CREATED BY	APPROVED BY		DATE	VERSION
Power Hammer Krusty		J. Rosciano	A. Morillo 31/08/2		31/08/2021	1.1
PART NAME	FILE NAME				POS	
Pivot connection		Pivot connection.ipt				10.2
DEVELOPED BY	REDESIG	GNED BY	DOC. TYPE	MATERIAL		QUANTITY
			Part	ASTM A3	36	2
					SCALE	SHEET
KROMM Steel Works	ОНО 6	e.V.	CC-BY-SA	4.0	2/1	75 /75