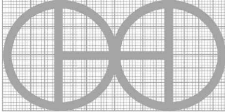


Parts list						
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1		3d views	Pipe_and_roller_axle_for_ox_carts.dwg			1
A1		3d views	Pipe_and_roller_axle_for_ox_carts.dwg			2
A2		Exploded 3d view	Pipe_and_roller_axle_for_ox_carts.dwg			3
B1		Parts list	ML_A1_P1_Pipe and roller axle for ox carts			4
C1		Technical notes	Pipe_and_roller_axle_for_ox_carts.dwg			5
1	2	Central axle	Pipe_and_roller_axle_for_ox_carts.dwg	Production	Steel A36, Angle 75	6
2	2	Hub stub axles	Pipe_and_roller_axle_for_ox_carts.dwg	Production	Steel A36	7
3	2	Hub outer race	Pipe_and_roller_axle_for_ox_carts.dwg	Production	Steel A36	8
4	40	Rollers	Pipe_and_roller_axle_for_ox_carts.dwg	Production	Steel A36	9
5	4	Roller retaining rings	Pipe_and_roller_axle_for_ox_carts.dwg	Production	Steel A36	10
6	4	Hub restraint bolts		Standard	M12 Bolt x 100mm Din 931	
7	4	Hub restraint nuts		Standard	M12 Nut x 12mm Din 934	
8	10	Wheel studs	Pipe_and_roller_axle_for_ox_carts.dwg	Production	Steel A36 6mm	11
9	10	Wheel stud struts		Standard	M12 Studding Din 913	

PROJECT		CREATED BY		APPROVED BY		DATE		VERSION	
Pipe and roller axle for ox carts		E.Araujo		A. Morillo		28-06-2021		1.0	
PART NAME			FILE NAME					POS	
Parts list			ML_A1_P1_Pipe and roller axle for ox carts.xlsx					B1	
DEVELOPED BY			REDESIGNED BY		DOC. TYPE		MATERIAL		QUANTITY
Practical Action			 OHO e.V.		Parts list				
					LICENCE		SCALE		SHEET
					CC-BY-SA 4.0				4/11