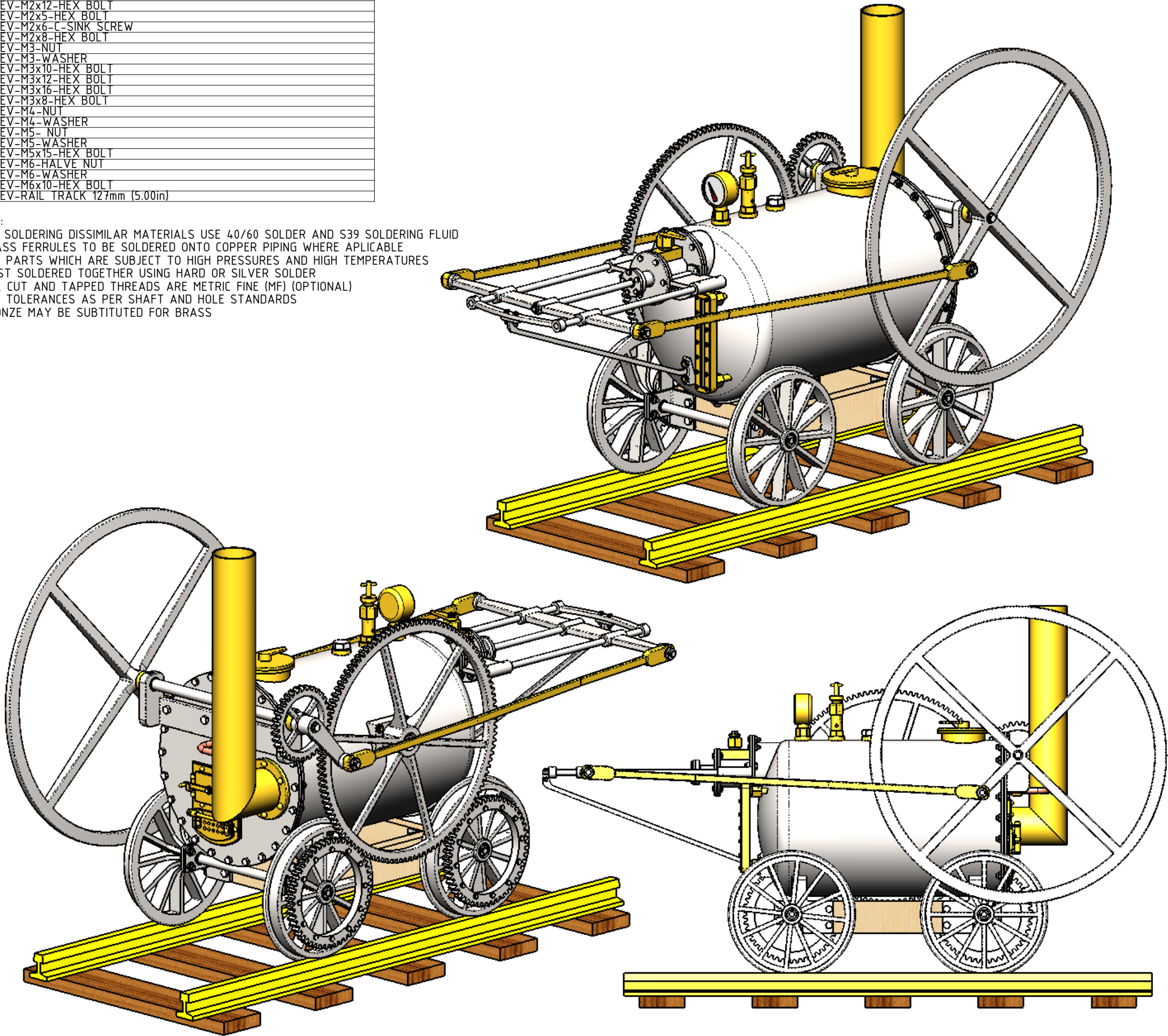


QTY.	PART NUMBER
1	TREV-101-BASE FRAME
2	TREV-102-WHEEL BEARING AND BOILER HOLDING BRACKET
4	TREV-103-WHEEL BEARING BUSH
2	TREV-104A-WHEEL RH-BRACKET
2	TREV-104B-LH-WHEEL BRACKET
1	TREV-201-EXTERNAL BOILER SHELL
1	TREV-202-FRONT MOUNTIN RING
1	TREV-203-FRONT LID
1	TREV-204-FRONT MOUNTIN RINGVSEAL
1	TREV-205-FRONT LID FIRE BOX COVER
1	TREV-206-FIRE BOX DOOR HINGE PLATE
1	TREV-207-FIRE BOX VENT DOOR HINGE PLATE
1	TREV-208-FIRE BOX DOOR HINGE PIN
1	TREV-209-FIRE BOX VENT DOOR HINGE PIN
1	TREV-210-FIRE BOX DOOR
1	TREV-211-FIRE BOX DOOR HINGE
1	TREV-212-FIRE BOX VENT DOOR
2	TREV-213-FIRE BOX VENT DOOR HINGE
1	TREV-214-FIRE BOX DOOR HANDLE
1	TREV-215-FIRE BOX DOOR LEDGE
1	TREV-216-CRANK SHAFT BEARING BRACKET
1	TREV-217-BOILER SMOKE STACK
1	TREV-218-EXHAUST PIPE NIPPLE
1	TREV-219-FIRE BOX FRONT END
1	TREV-220-FIRE BOX REAR END
1	TREV-221-FIRE BOX MID PIECE
1	TREV-222-FIRE BOX GRATE
1	TREV-223-BOILER WATER FILLER BODY
1	TREV-224-BOILER WATER FILLER LID
1	TREV-225-BOILER WATER FILLER SCREW SPINDLE
3	TREV-226-BOILER SCREW NIPPLE
3	TREV-227-NIPPLE NUT
1	TREV-228-EXHAUST PIPE
1	TREV-229-SAFETY VALVE BODY
1	TREV-230-SAFETY VALVE STEM
1	TREV-231-SAFETY VALVE TOP NUT
1	TREV-232-SAFETY VALVE PRESSURE SCREW
1	TREV-233-SAFETY VALVE COMPRESSION SPRING
1	TREV-234-STEAM PRESSURE GAUGE
1	TREV-235-EXTERNAL BOILER GEAR WHEEL SHAFT
1	TREV-236-WATER LEVEL FRONT PLATE
1	TREV-237-WATER LEVEL GLASS
1	TREV-238-WATER LEVEL BODY
1	TREV-239-WATER LEVEL FRONT SEAL
1	TREV-240-EXTERNAL BOILER CYLINDER MOUNTING CYLINDER
1	TREV-241A-CYLINDER BOILER COVER
1	TREV-241B-CYLINDER BOILER COVER SEAL
1	TREV-242-PISTON ROD GUIDE
1	TREV-243-VALVE CHAMBER AND CYLINDER
1	TREV-244-VALVE CHAMBER STEAM TAP
1	TREV-245-STEAM TAP SPINDLE
1	TREV-246-STEAM TAP SPINDLE HANDLE
1	TREV-247-STEAM TAP NUT
1	TREV-248-STEAM TAP SEAL
1	TREV-249-VALVE CHAMBER EXTERNAL SEAL
1	TREV-250-VALVE CAMBER EXTERNAL COVER
1	TREV-251-VALVE CHAMBER EXTERNAL COVER PRESSURE PLATE
1	TREV-252-PRESSURE PLATE SEAL
2	TREV-253-CYLINDER AND VALVE CHAMBER INTERNAL COVER PLATE
1	TREV-256-INTERNAL SEAL
1	TREV-257-VALVE CHAMBER TRANSFER PIPE
1	TREV-258-VALVE CHAMBER TO CYLINDER TRANSFER PIPE LONG
1	TREV-259-VALVE CHAMBER TO CYLINDER TRANSFER PIPE SHORT
1	TREV-260-VALVE CHAMBER EXHAUST PIPE
2	TREV-261-CROSSHEAD GUIDE
1	TREV-262-CROSSHEAD GUIDE HOLDING BRACKET
1	TREV-263-CROSSHEAD GUIDE STAY
1	TREV-264-GREASE NIPPLE
1	TREV-265-CYLINDER SUPPORT BRACKET
4	TREV-2x3.5x3-RIVET
8	TREV-2x3x6-RIVET
5	TREV-2x3x7.5-RIVET
2	TREV-2x3x8-RIVET
6	TREV-2x4x7-RIVET
2	TREV-301-WHEEL
2	TREV-301-WHEEL
2	TREV-302-WHEEL SHAFT
2	TREV-303-GEAR WHEEL Z=50
1	TREV-304-GEAR WHEEL Z=115
1	TREV-305-GEAR WHEEL Z=33
1	TREV-306-CRANK SHAFT
1	TREV-307-CRANK
1	TREV-308-FLYWHEEL
2	TREV-309-CRANK PIN
1	TREV-310-CON ROD
1	TREV-310-CON ROD
1	TREV-311-CROSSHEAD
1	TREV-312-PISTON ROD
1	TREV-313-PISTON
4	TREV-314-PISTON RING
1	TREV-315-VALVE
1	TREV-316-VALVE COVER
2	TREV-317-CRANKSHAFT SPACER
14	TREV-M1.5x4-P-HEAD SCREW
3	TREV-M2-NUT
1	TREV-M2-WASHER
13	TREV-M2.5-NUT
6	TREV-M2.5x6-HEX BOLT
10	TREV-M2.5x8-HEX BOLT

QTY.	PART NUMBER
6	TREV-M2x10-C-SINK SCREW
24	TREV-M2x12-HEX BOLT
12	TREV-M2x5-HEX BOLT
6	TREV-M2x6-C-SINK SCREW
4	TREV-M2x8-HEX BOLT
58	TREV-M3-NUT
2	TREV-M3-WASHER
1	TREV-M3x10-HEX BOLT
6	TREV-M3x12-HEX BOLT
16	TREV-M3x16-HEX BOLT
30	TREV-M3x8-HEX BOLT
11	TREV-M4-NUT
4	TREV-M4-WASHER
1	TREV-M5- NUT
1	TREV-M5-WASHER
1	TREV-M5x15-HEX BOLT
1	TREV-M6-HALVE NUT
1	TREV-M6-WASHER
1	TREV-M6x10-HEX BOLT
1	TREV-RAIL TRACK 127mm (5.00in)

NOTES:

1. FOR SOLDERING DISSIMILAR MATERIALS USE 40/60 SOLDER AND S39 SOLDERING FLUID
2. BRASS FERRULES TO BE SOLDERED ONTO COPPER PIPING WHERE APPLICABLE
3. ALL PARTS WHICH ARE SUBJECT TO HIGH PRESSURES AND HIGH TEMPERATURES MUST SOLDERED TOGETHER USING HARD OR SILVER SOLDER
4. ALL CUT AND TAPPED THREADS ARE METRIC FINE (MF) (OPTIONAL)
5. ALL TOLERANCES AS PER SHAFT AND HOLE STANDARDS
6. BRONZE MAY BE SUBSTITUTED FOR BRASS



TITLE
TREVITHICK SECOND STEAM LOCOMOTIVE BUILT
IN 1805, NEW CASTLE, ENGLAND (COAL FIRED)

DRAWING CONTENTS
ISOMETRIC VIEWS AND
BILL OF MATERIALS

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PROJECTION
MODEL SCALE: 1:11.3
DWG SCALE: NTS @A3 OR AS SHOWN
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SHEET:02 OF 07
A3 No: TREV-127-02