DIY "Steam" Engine

3/16" PLYWOOD PARTS WITH MEASUREMENTS

DIY "Steam" Engine V1.4
LIAM O'BRIEN - APRIL 2010

METAL PARTS WITH MEASUREMENTS

BRASS TUBING

CYLINDER
25.5mm
OUTER DIAMETER
7/16" (11.11mm)
WALL 0.014" (0.356mm)

PISTON
14.5mm
OUTER DIAMETER
13/32" (10.39mm)

PISTON ROD
24AWG
3mm
20.5mm
T: 33.5mm
BEND 90°
AT LINES

CRANKSHAFT
18AWG
3mm
46mm
T: 35mm
BEND 90°
AT LINES

CYLINDER PIVOT
18AWG
3mm
30mm

FLYWHEEL
(not wood)
D: 37mm
R: 18.5mm

CRANKSHAFT
D: 22.5mm
R: 11mm

HOLE SIZES:
H1: Same as size of Crankshaft or Cylinder Pivot wire.
H2: Drill with 3/32" drill bit.
H3: Same as size of Piston Rod wire.

Cut out grey area 2.5mm deep.