

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	Clock 13 Back Plate	SLA	1
2	Clock 13 Timing Wheel	SLA	1
3	Clock 13 60 teeth	SLA	2
4	Clock 13 Ratchet	SLA	1
5	Clock 13 60 teeth with Ratchet	SLA	1
6	Clock 13 Pawl	SLA	1
7	Clock 13 20 teeth	SLA	1
8	Clock 13 Front Plate	SLA	1
9	Clock 13 Pin 10	Silver Steel	1
10	Clock 13 Shaft 56	Silver Steel	2
11	Clock 13 Shaft 80	Silver Steel	1
12	Clock 13 Shaft 61	Silver Steel	1
13	Clock 13 Bearing 2mm	Bearing 692ZZ 2x6x3	8
14	Clock 13 Escutcheon	SLA	1
15	Clock 13 8 teeth	SLA	1
16	Clock 13 32 teeth	SLA	1
17	Clock 13 30 teeth	SLA	1
18	Clock 13 Dial	SLA	1
19	Clock 13 18 teeth	SLA	1
20	Clock 13 10 teeth	SLA	2
21	Clock 13 Escapement	SLA	1
22	Clock 13 Pallet 1	SLA	1
23	Clock 13 Pallet 2	SLA	1
24	Clock 13-Yoke	SLA	1
25	Clock 13 Spacer	SLA	2
26	Clock 13 Screw	SLA	2
27	Clock 13 Bracket	SLA	1
28	din7997_3_5x30_h	Woodscrew No 6	3
29	Clock 13 Suspension No 72	standard clock part	1
30	M2 screw		2
31	Clock 13-Hour Hand	SLA	1
32	Clock 13-Minute Hand	SLA	1
33	Clock 13 weight 1-lbs	Brass	1
34	Clock 13 cord	0.5mm nylon cord	1
35	Clock 13-Trisert	M2	1
36	M2 set screw		1
37	Clock 13 Shaft 18-5	Silver Steel	1
38	Clock 13-Pendulum Head	SLA	1
39	Clock 13-Pendulum Rod	Ø4 Carbon Fibre	1
40	Clock 13-Pendulum Nut	Brass - not shown	1
41	Clock 13-Pendulum Bob	Brass - not shown	1

Sht 2 of Shts

A3

Law Wooden Clock 13 SLA Clock

Scale 1:1

All dimensions in mm and (inches)
3rd Angle projection

July 2012

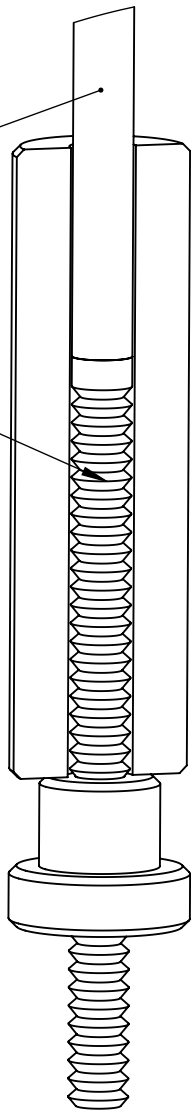
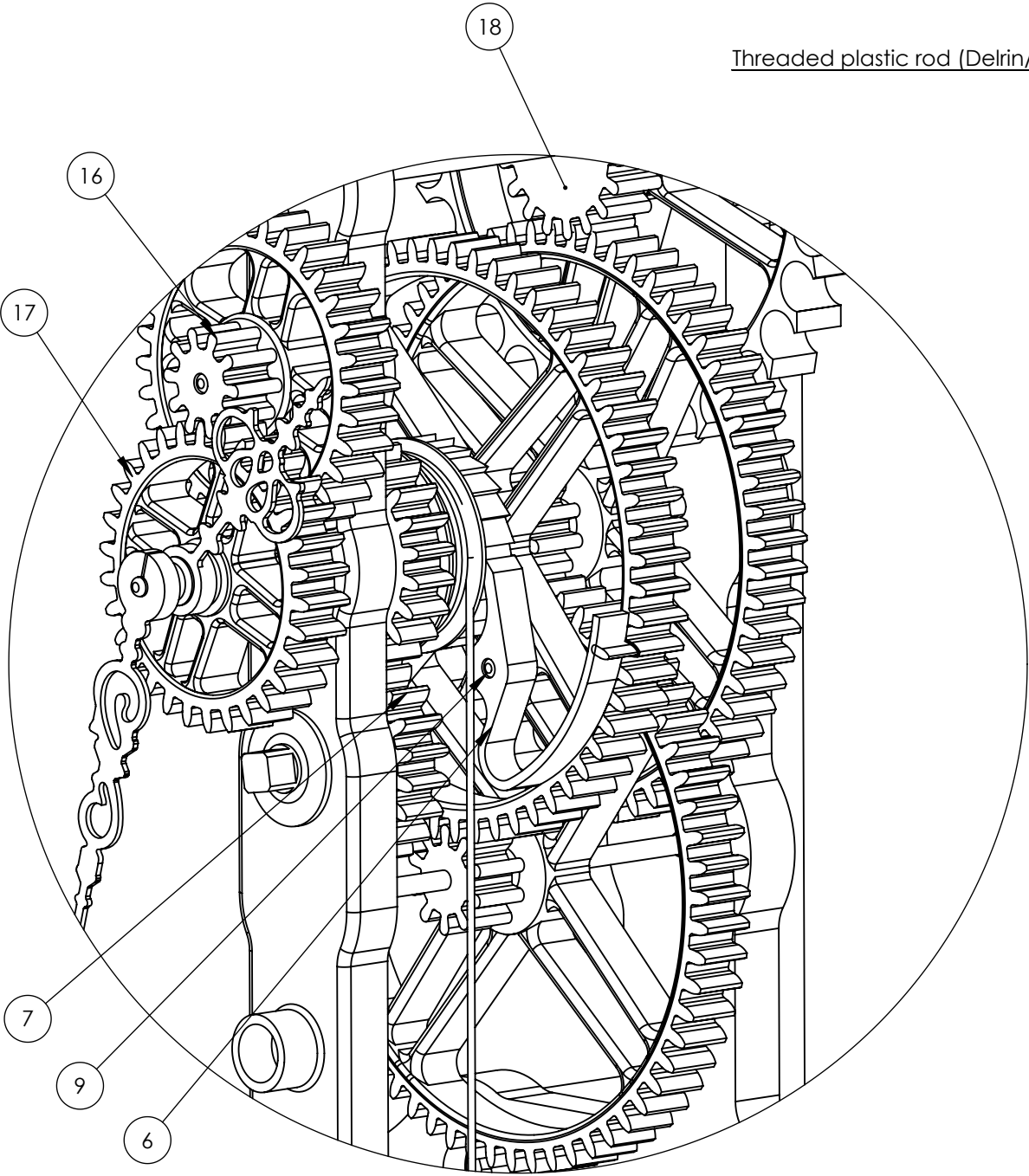
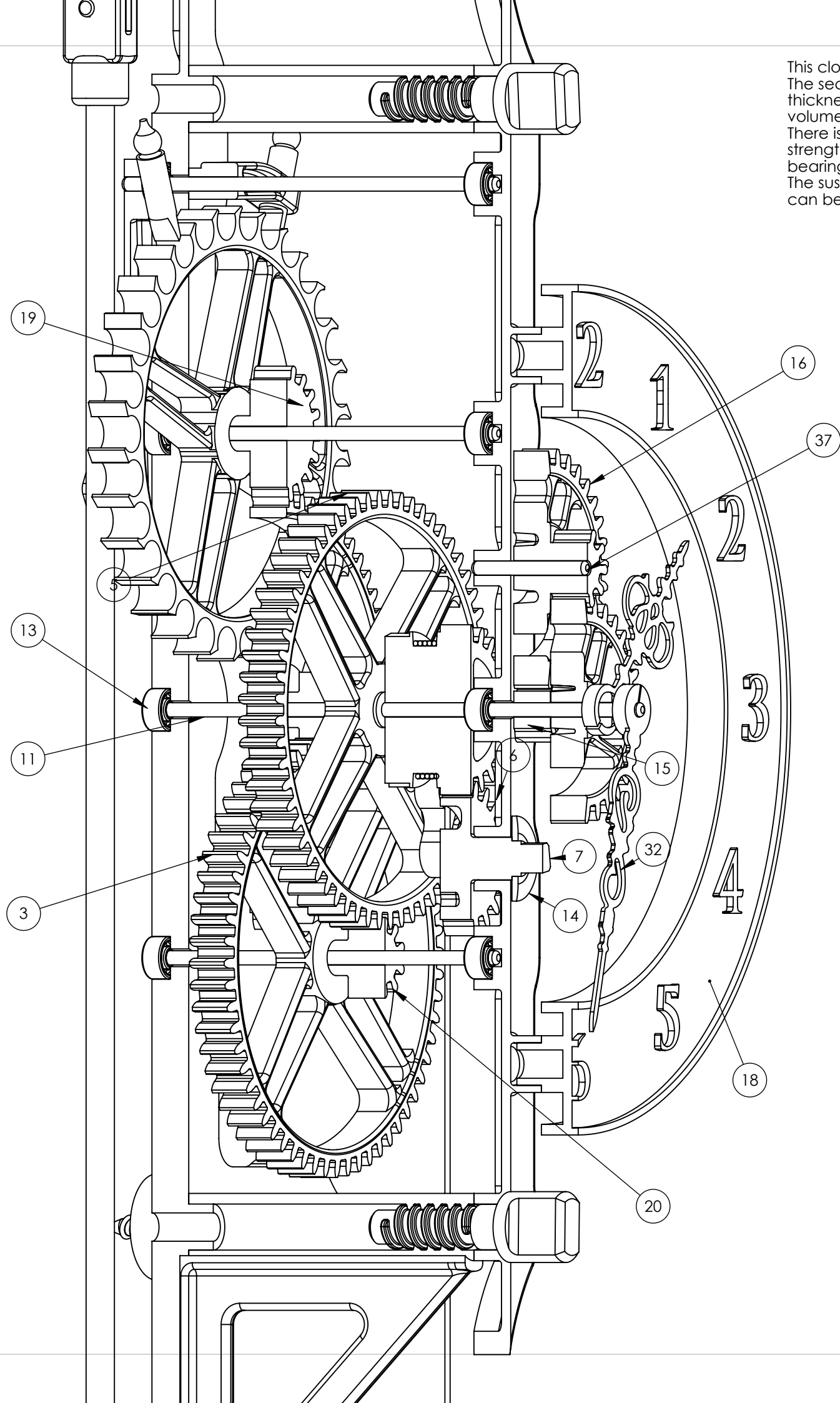
Designed by: Brian law
www.woodenclocks.co.uk

This clock is designed to be built using Stereolithography. The sections have all been reduced to a basic 1.5mm thickness all over. The SLA parts have a total calculated volume of 87cc, and a calculated weight of 104 grams. There is a minimum of metal parts that are needed for strength and function. These are basically the shafts, bearings and the brass weights. The suspension used to hold the pendulum at its top end can be obtained from any clock parts supplier.

Ø 4 Carbon fibre tube
Can be purchased from
suppliers of Kite materials

Threaded plastic rod (Delrin/Acetal)

DETAIL
SCALE 2 : 1



Sht of Shts	Law Wooden Clock 13 SLA Clock	
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