

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Clock 14-Base Board		1
2	Clock 14-Front Board		1
3	Clock 14-Hour Hand		1
4	Clock 14-Minute Hand		1
5	Clock 14-Hour Tube		1
6	Clock 14-Hour Pivot		1
7	Clock 14-Gear Spacer		3
8	Clock 14-Shaft-74		4
9	Clock 14-Shaft-100		1
10	Clock 14-Shaft-80		1
11	Clock 14-Escapement		1
12	Clock 14-Yoke		1
13	Clock 14-Pallet		2
14	Clock 14-Spring-Outer Case		1
15	Clock 14-Spring		1
16	Clock 14-Spring-Cover Plate		1
17	Clock 14-27-Teeth		1
18	Clock 14-Pendulum Pivot		1
19	Clock 14-Pendulum Head		1
20	Clock 14-Pendulum Rod		1
21	Clock 14-Pendulum Bob		1
22	Clock 14-Pendulum Nut		1
23	Clock 14-Key Drive Pin		1
24	Clock 14-Key Drive Stub		1
25	Clock 14-Pendulum Support		1
26	Domed nut-m6x1-6		7
27	Clock 14-Washer		7
28	Clock 14 Bearing 8mm		2
29	Clock 14 Bearing 4mm		12
30	Clock 14 Brass Spacer		3
31	Clock 14 Threaded Rod 6mm		3
32	Clock 14 Hole Plug		10
33	Clock 14 Winder Ratchet		1
34	Clock 14-Spring Arbor		1
35	Clock 14 Gear 10 Teeth		1
36	Clock 14 Gear 8 Teeth		1
37	Clock 14-Ratchet		1
38	Clock 14-Escapement wheel		1
39	Clock 14-Pendulum sleeve		1
40	screw iso_4026-m4x8-45h		8
41	din7997_3x16_h		3
42	Clock 14-Shaft-24-5		1
43	Clock 14 Dial		1
44	Dial Offset		2
45	Clock 14-Shaft-16		2
46	Clock 14-Shaft-32		2
47	Clock 14-Gear Spacer		1
48	Clock 14-Gear Spacer		1
49	Clock 14 Gear 60 Teeth		4
50	Clock 7-60-Teeth with hole		1
51	Clock 14 Gear 16 Teeth		1
52	Clock 14 Gear 15 Teeth		2
53	Clock 14 Gear 30 Teeth		1
54	Clock 14 Gear 30 Teeth-Hour		1
55	Clock 14 Gear 32 Teeth		1
56	Clock 14-Key		1

Sht 1 of 15 Shts

A3

Clock 14 - Mantle Wind-up Clock

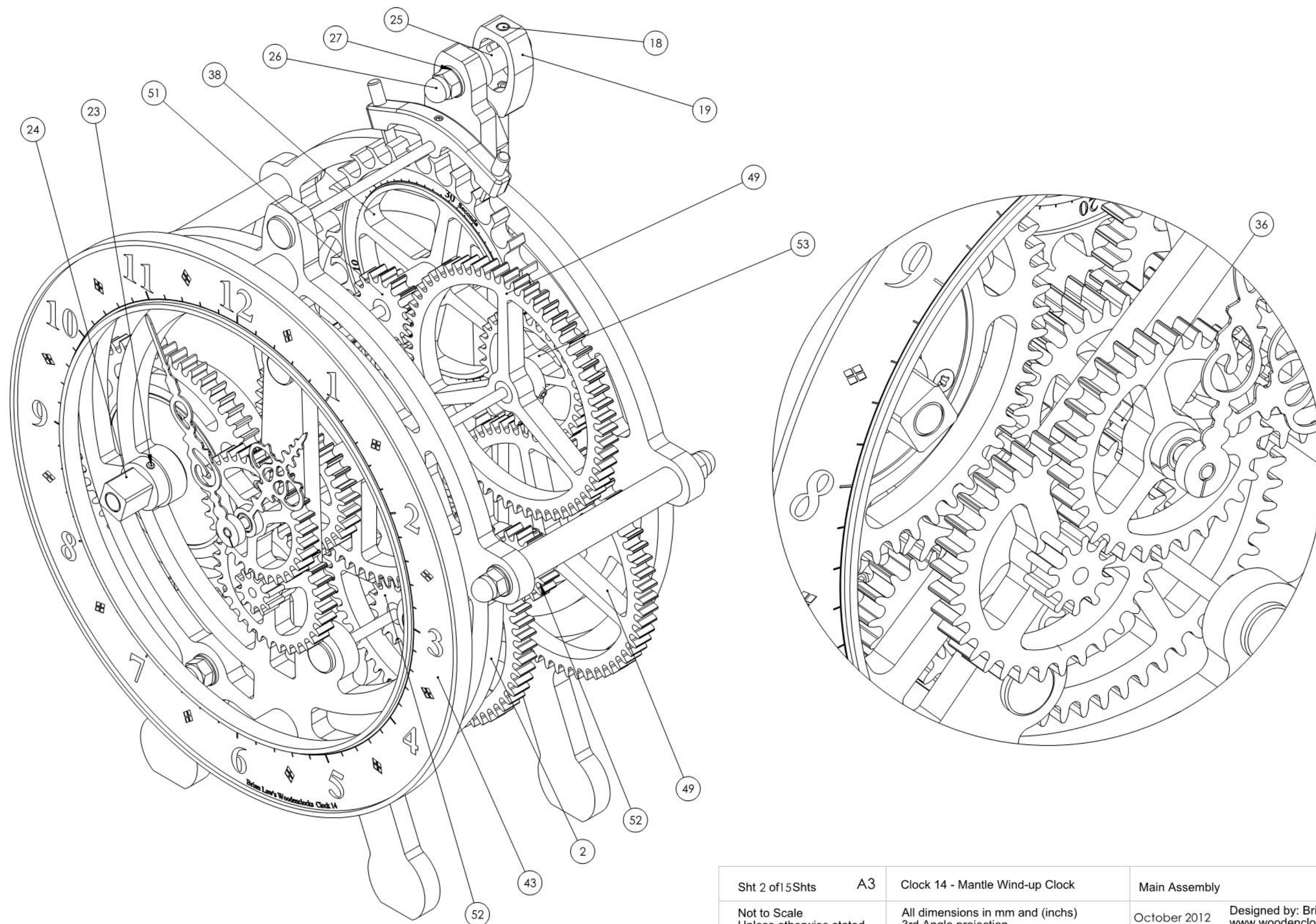
Main Assembly

Not to Scale
Unless otherwise stated

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

October 2012

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Sht 2 of 15 Shts

A3

Clock 14 - Mantle Wind-up Clock

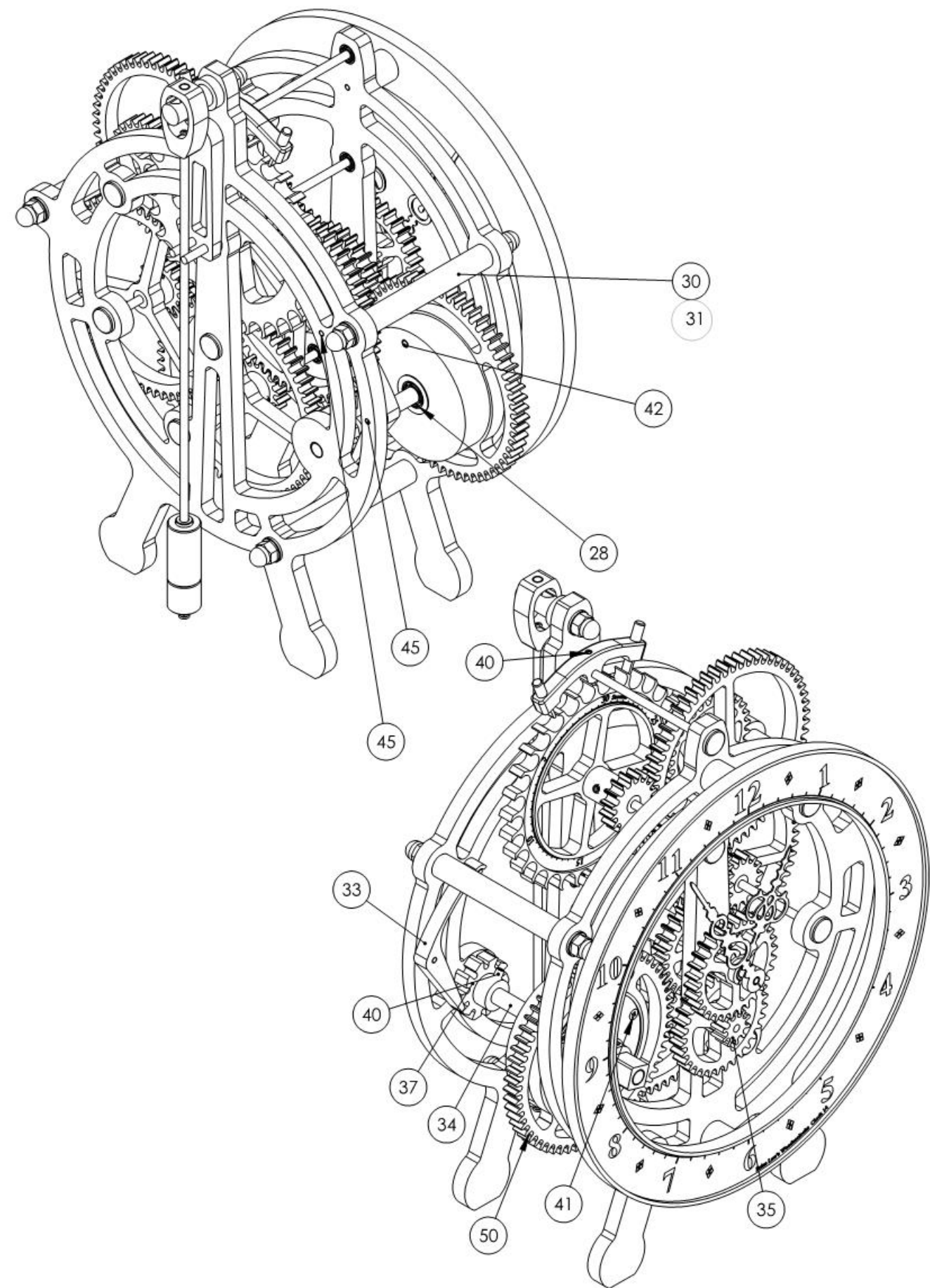
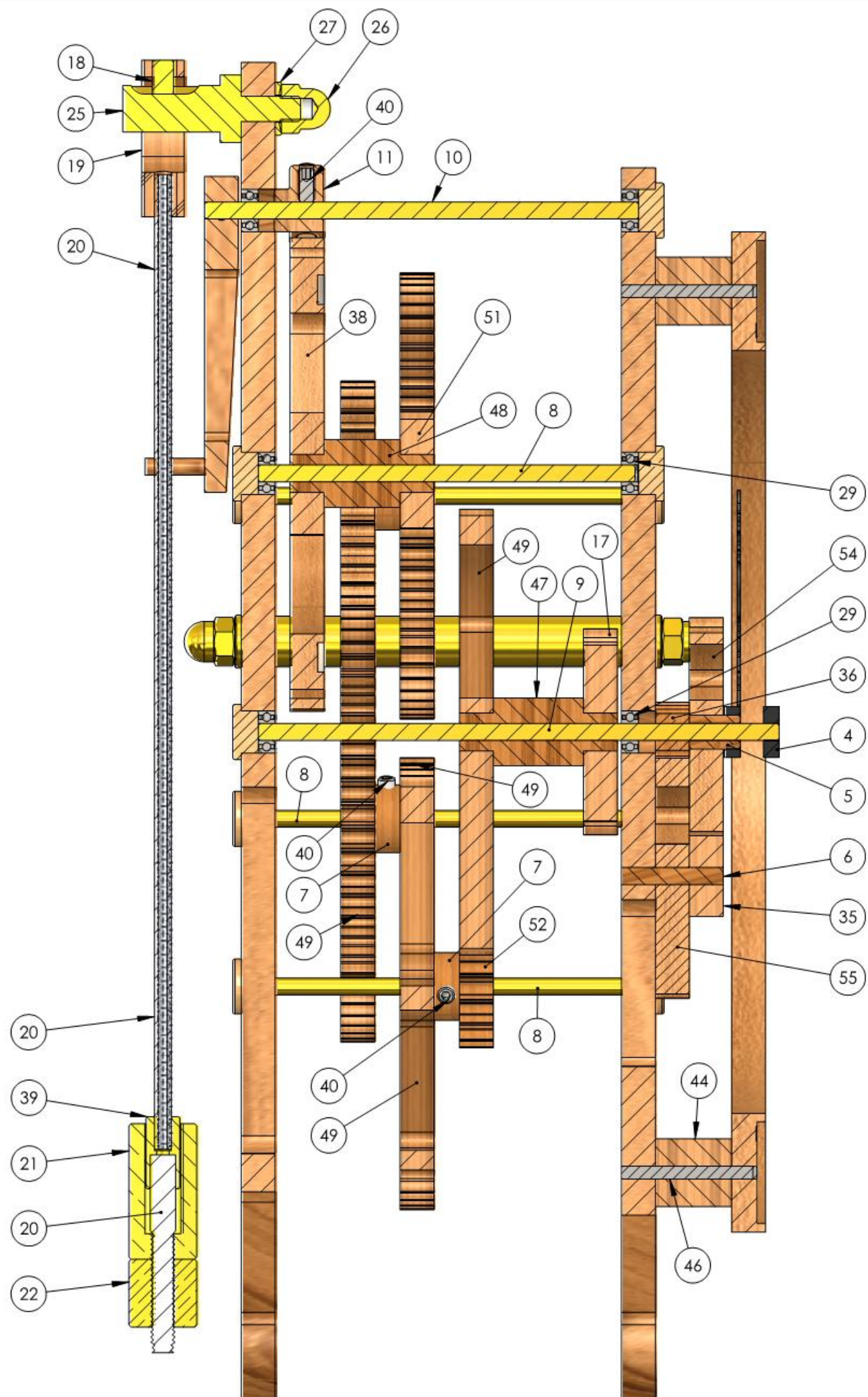
Main Assembly

Not to Scale
Unless otherwise stated

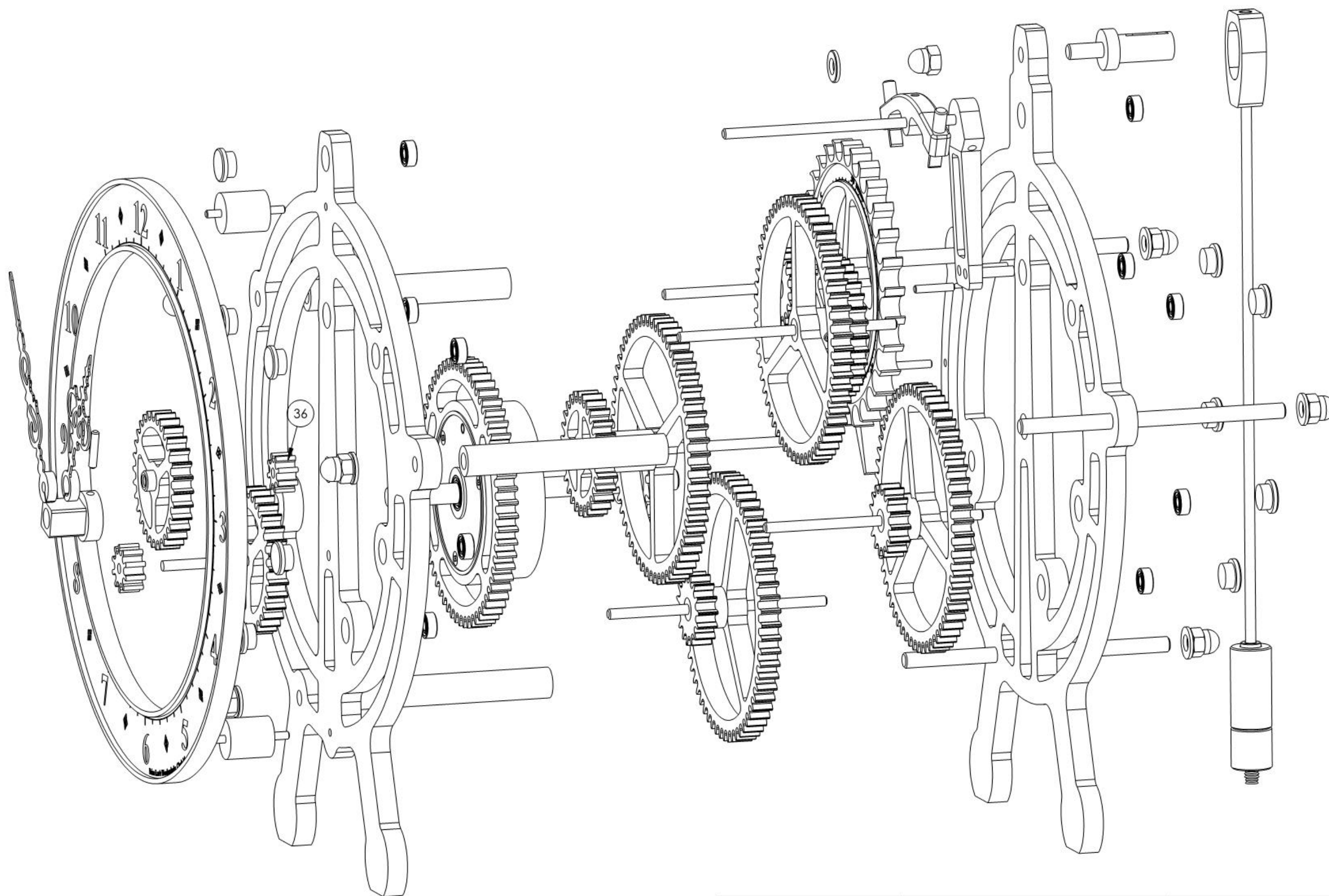
All dimensions in mm and (inches)
3rd Angle projection

October 2012

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Sht 3 of 15 Shts	A3	Clock 14 - Mantle Wind-up Clock	Main Assembly
Not to Scale Unless otherwise stated	All dimensions in mm and (inches) 3rd Angle projection	October 2012	Designed by: Brian law www.woodenclocks.co.uk



Sht 4 of 5 Shts

A3

Clock 14 - Mantle Wind-up Clock

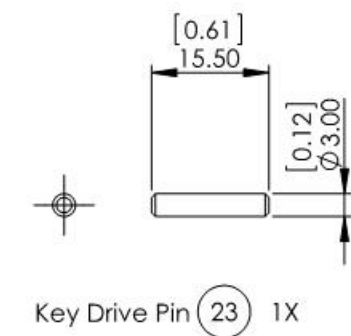
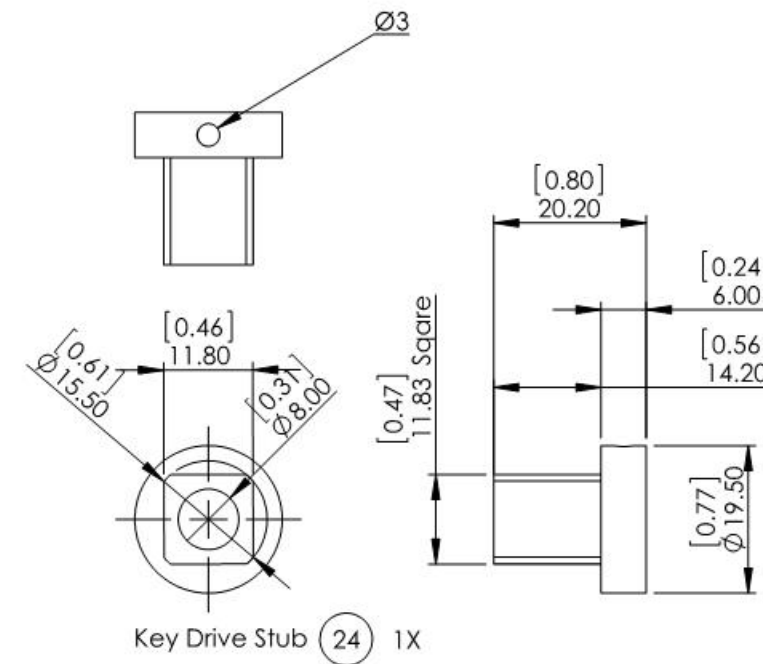
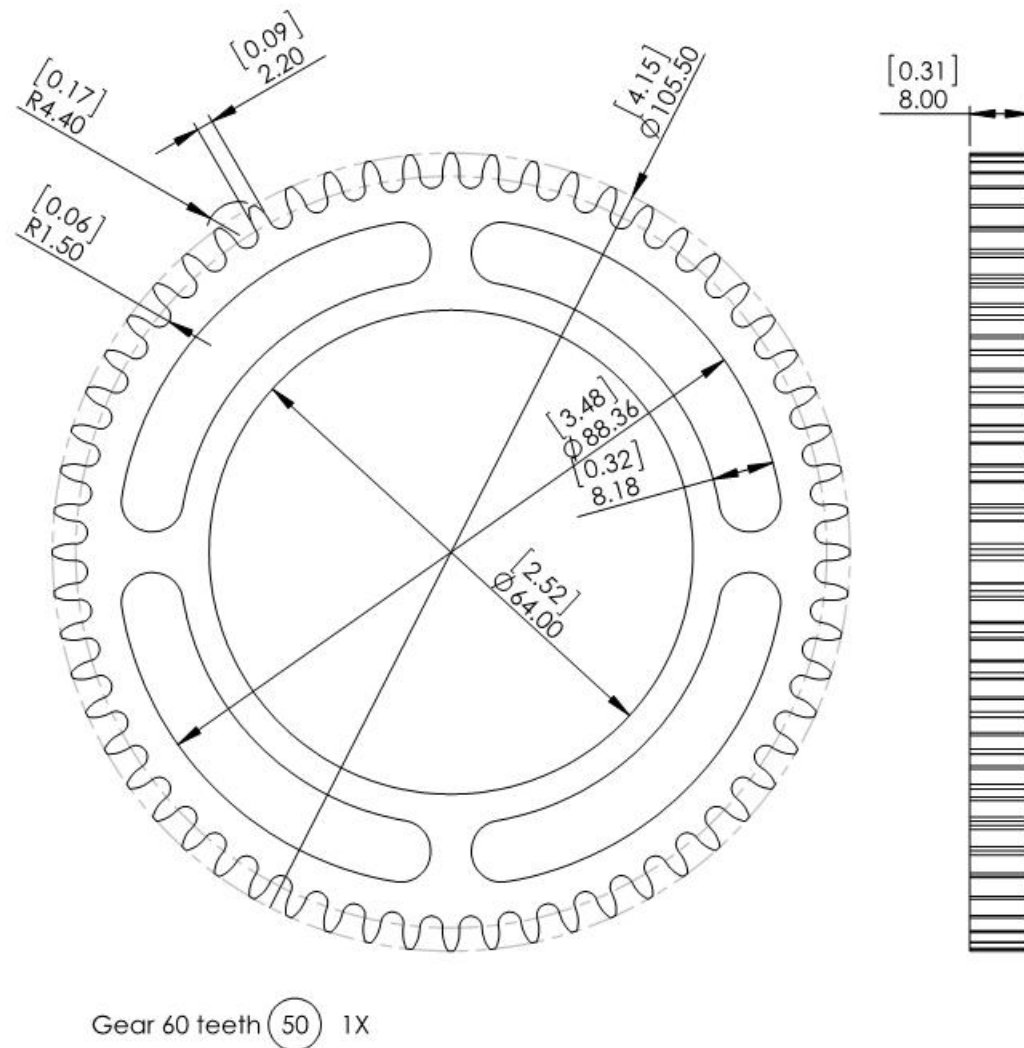
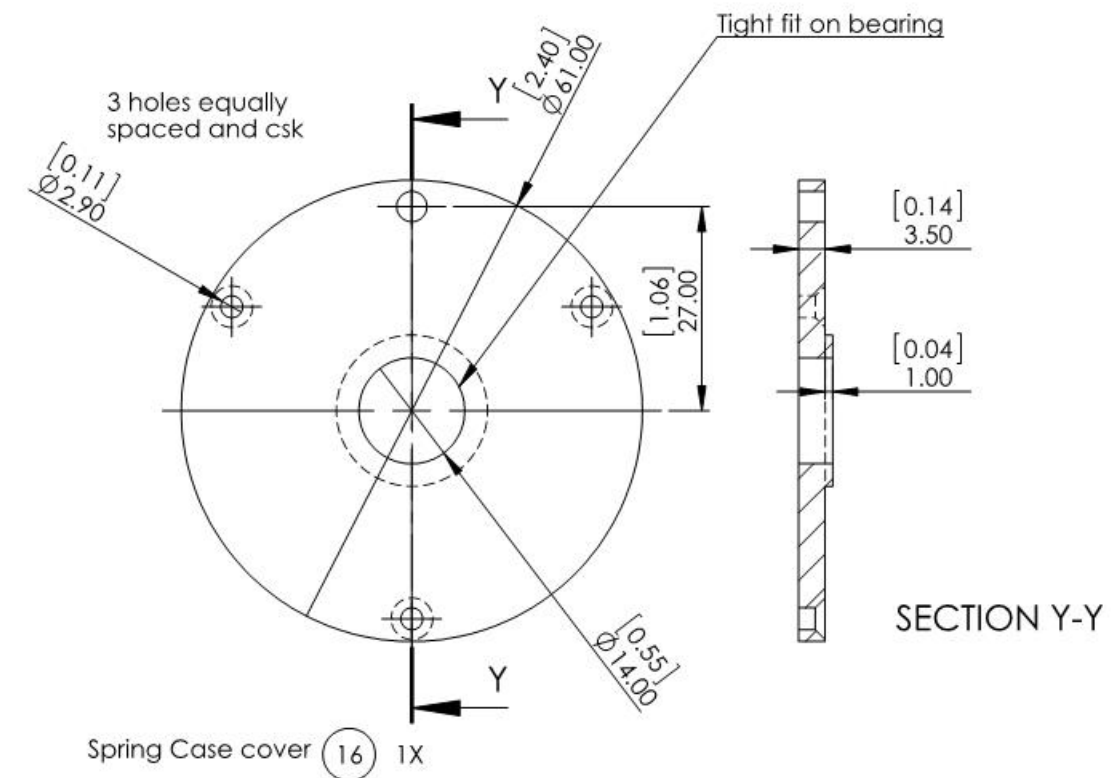
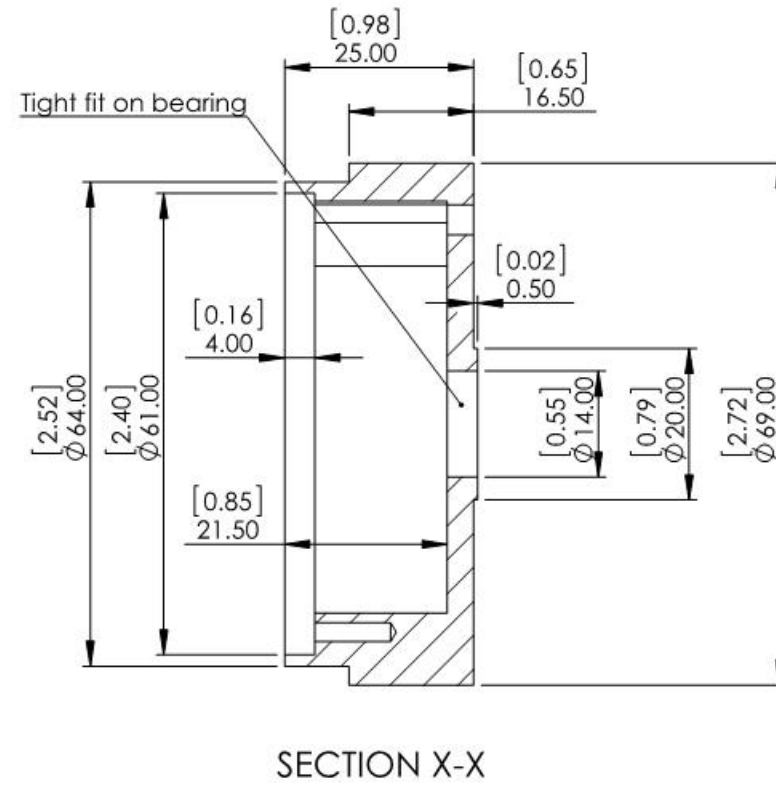
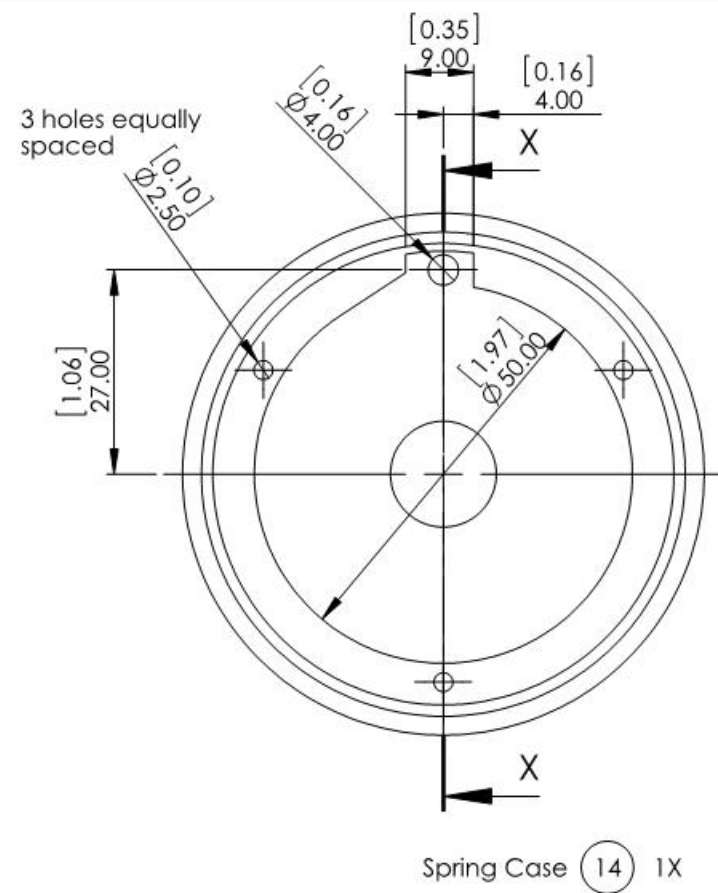
Exploded view

Not to Scale
Unless otherwise stated

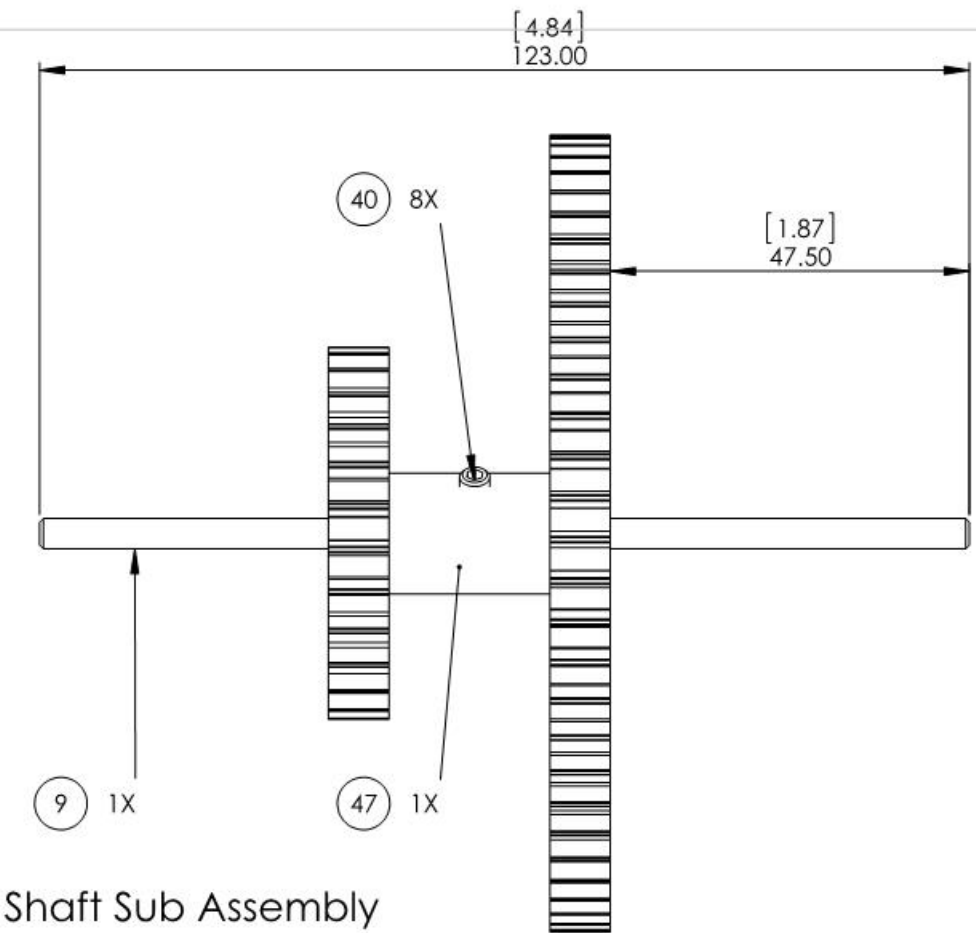
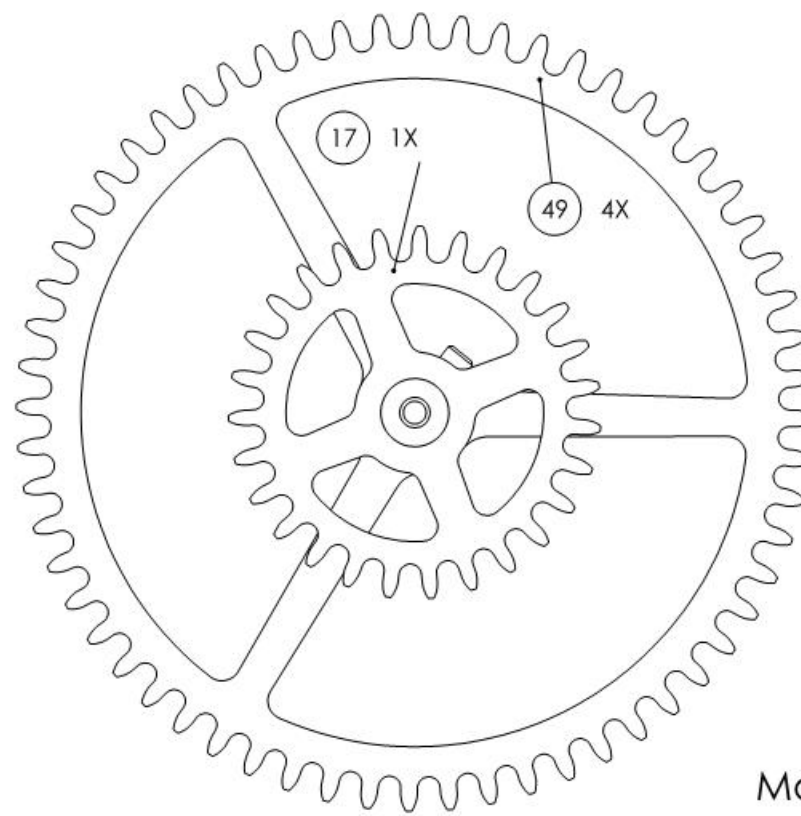
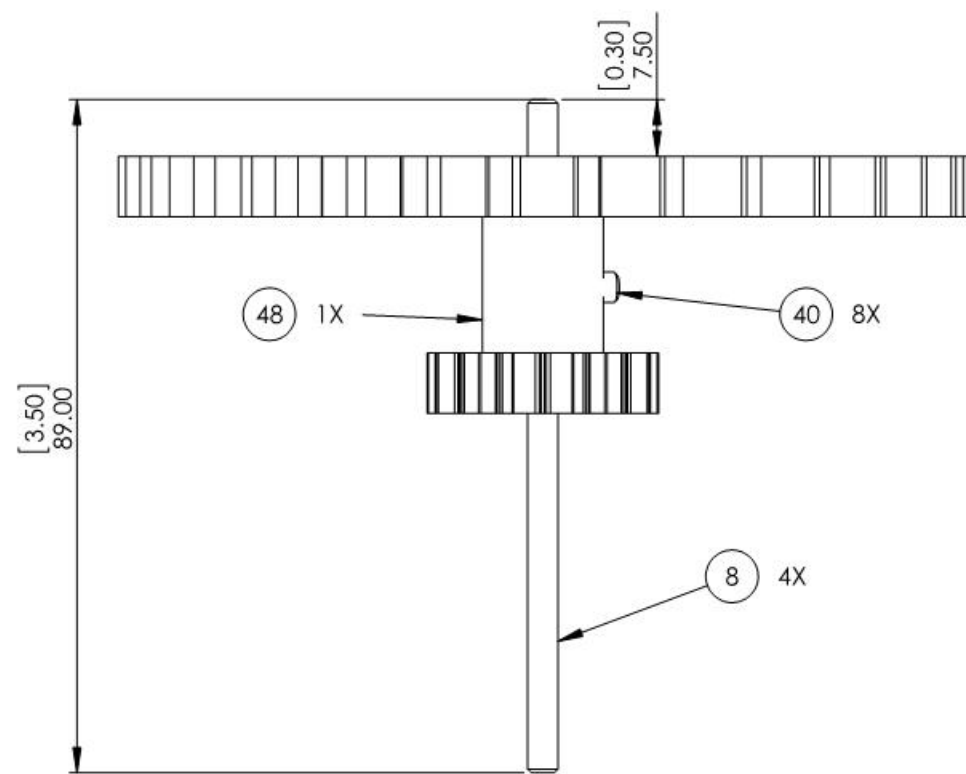
All dimensions in mm and (inches)
3rd Angle projection

October 2012

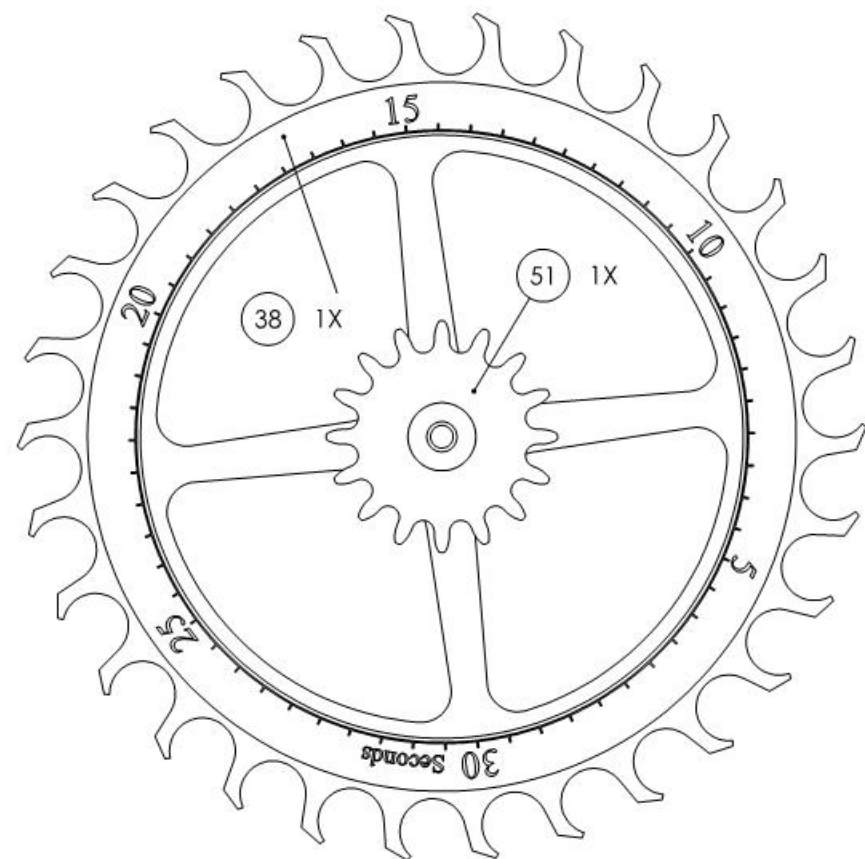
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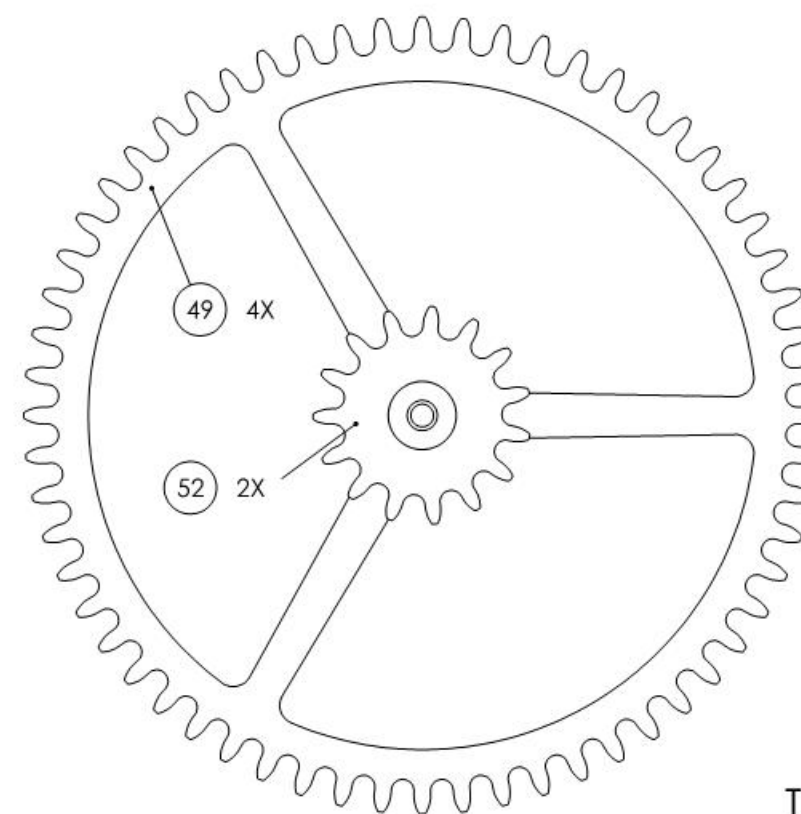
Sht 7 of 15 Shts	A3	Clock 14 - Mantle Wind-up Clock	Spring details
Scale 1:1 Unless otherwise stated		All dimensions in mm and (inches) 3rd Angle projection	October 2012 Designed by: Brian law www.woodenclocks.co.uk



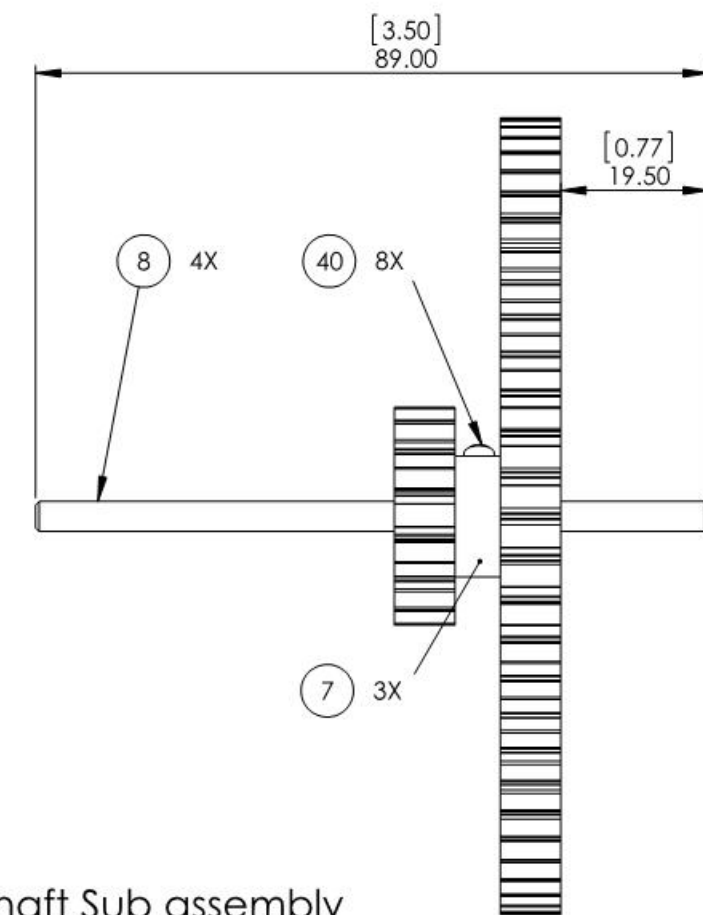
Main Shaft Sub Assembly



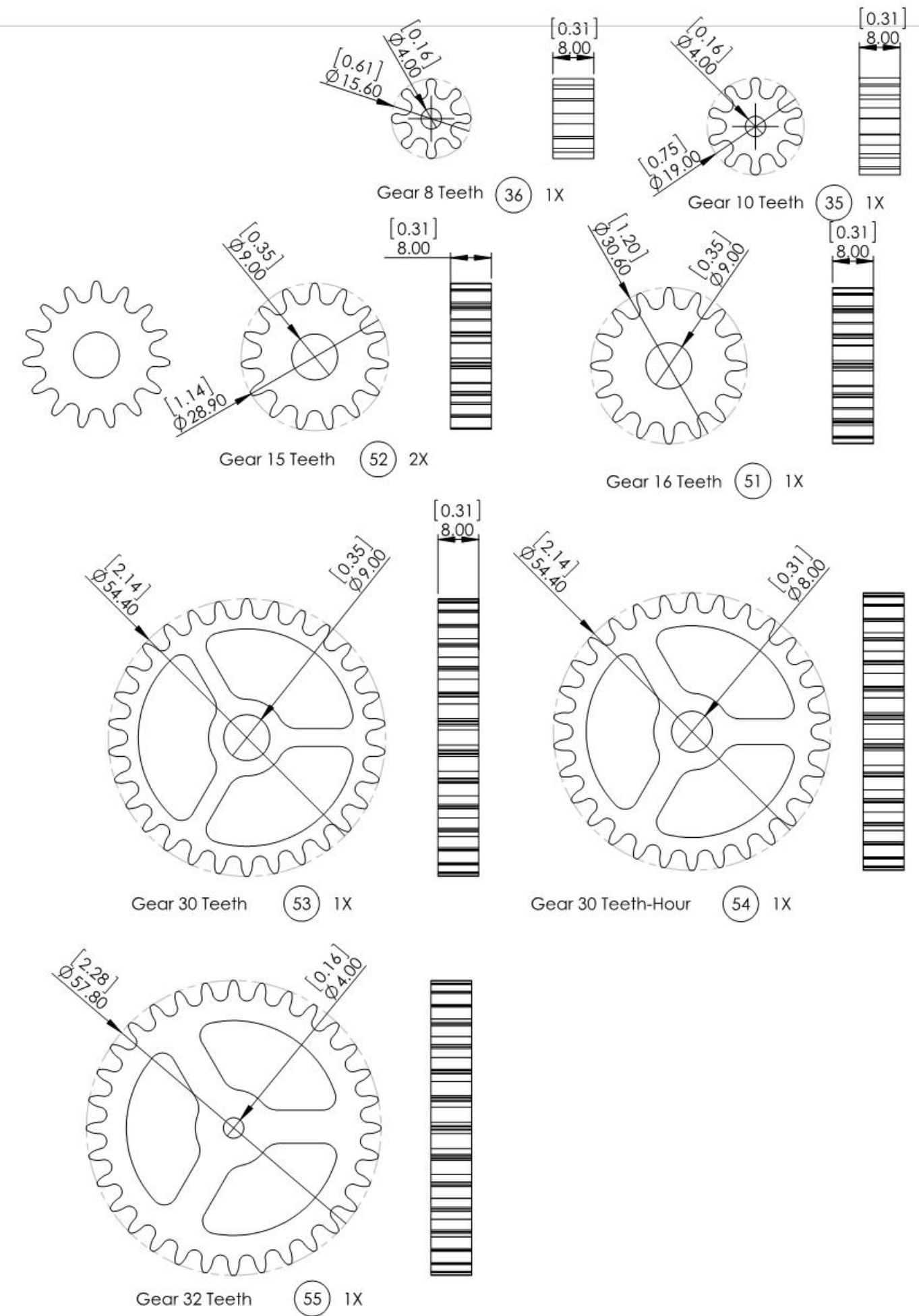
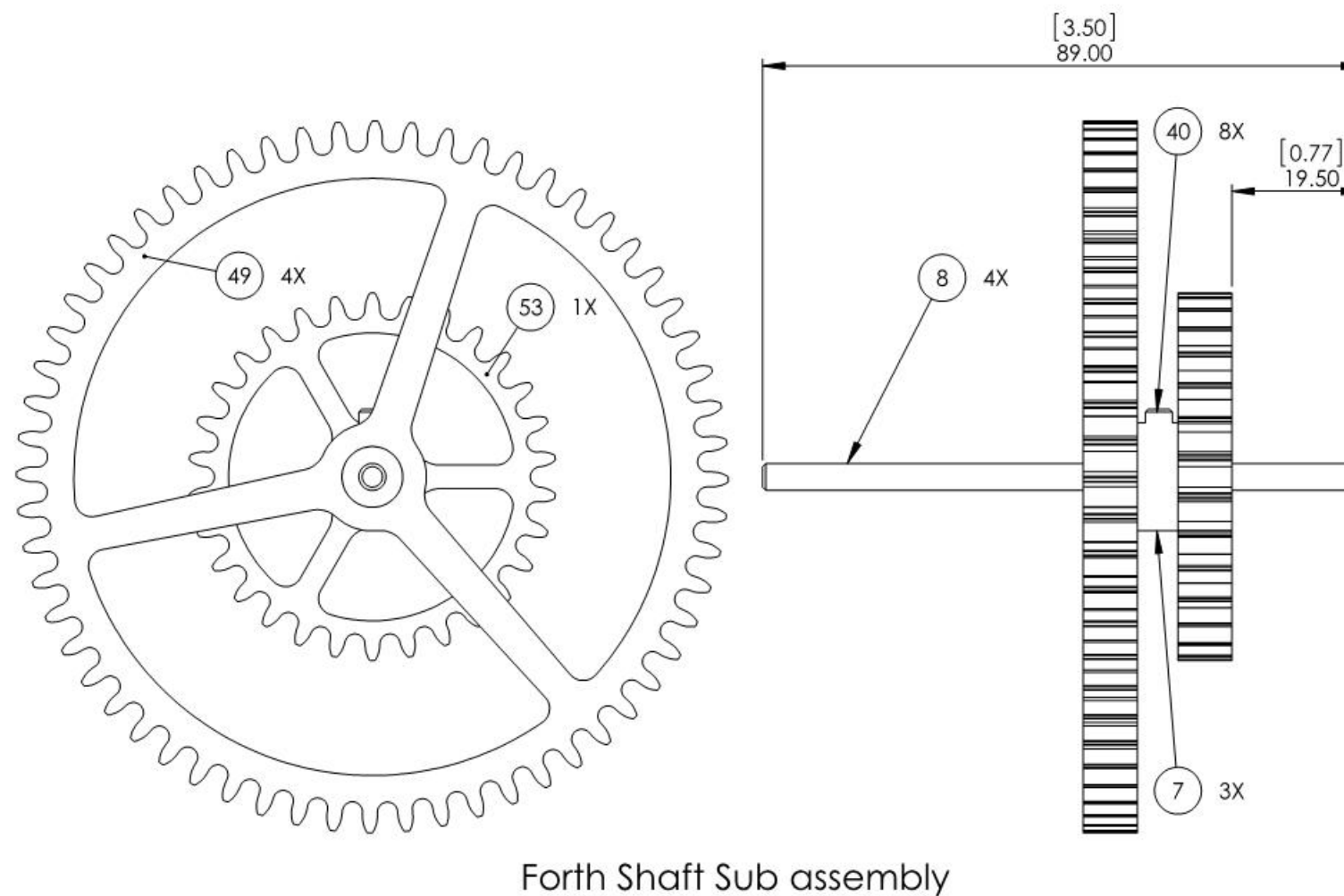
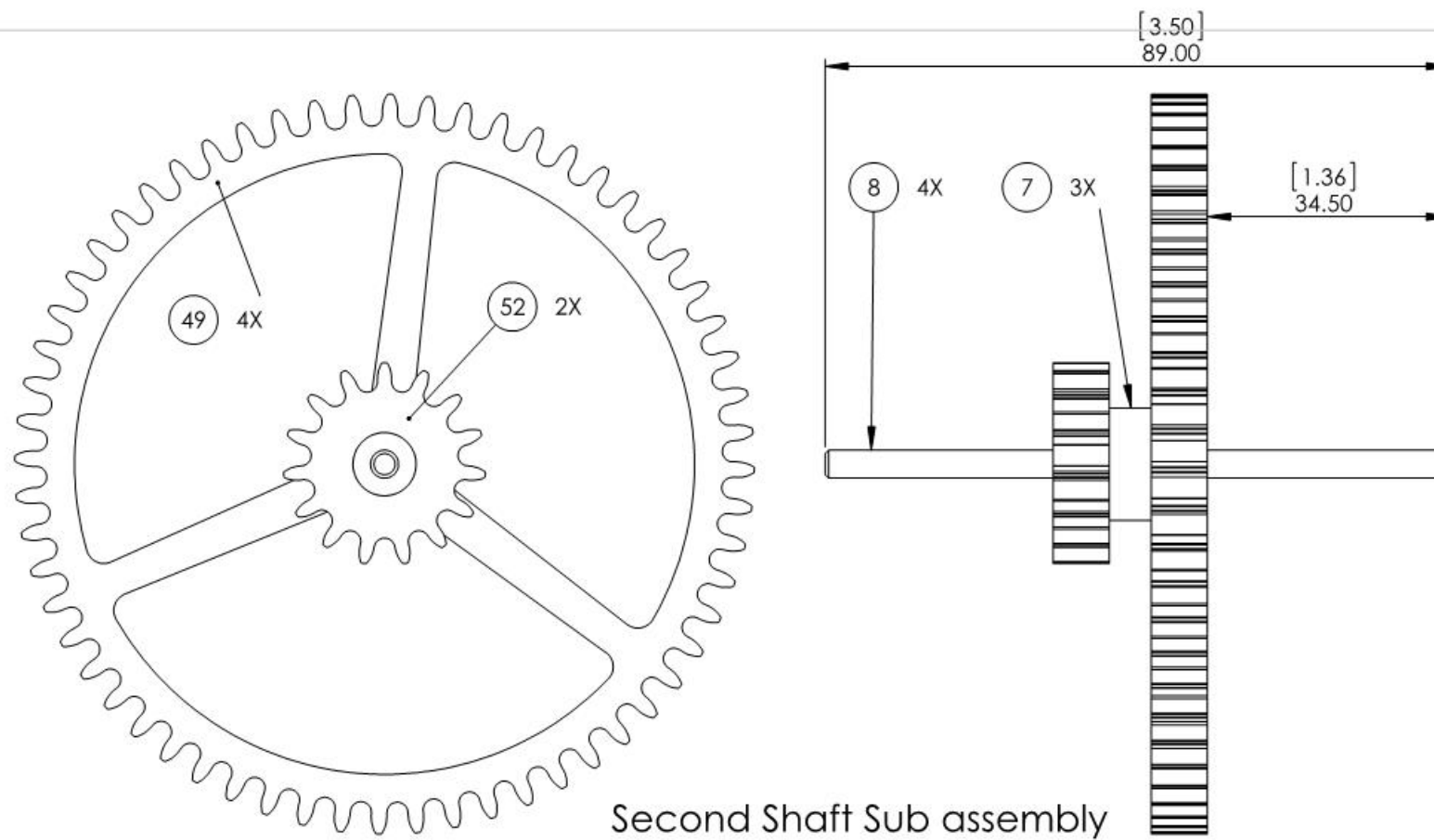
Escape wheel Sub Assembly



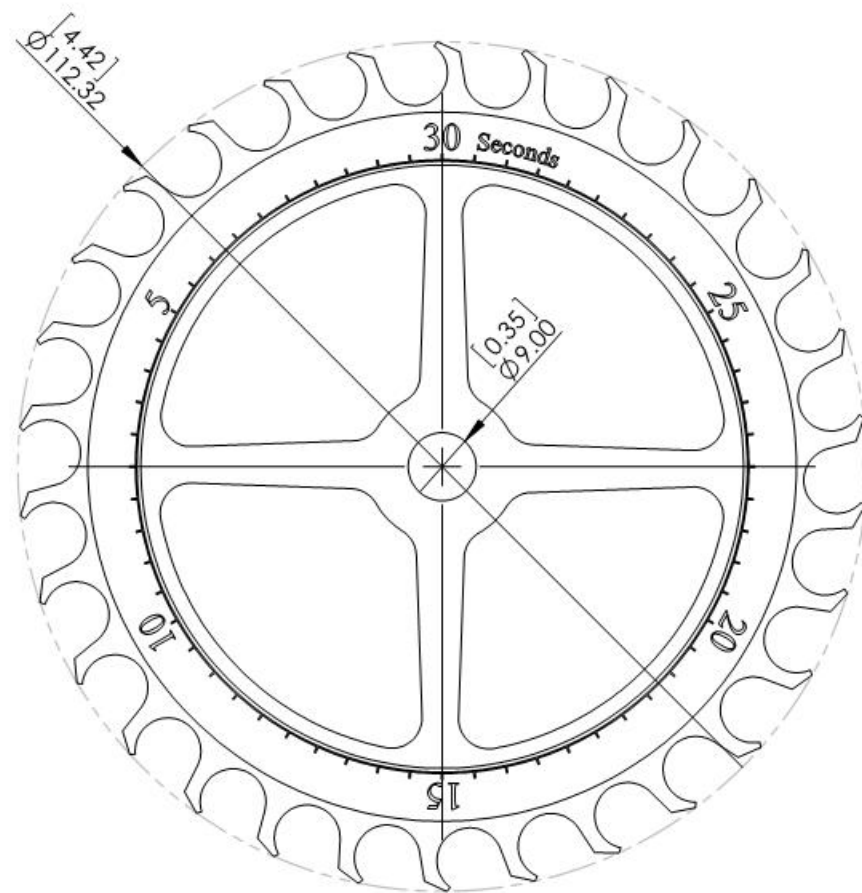
Third Shaft Sub assembly



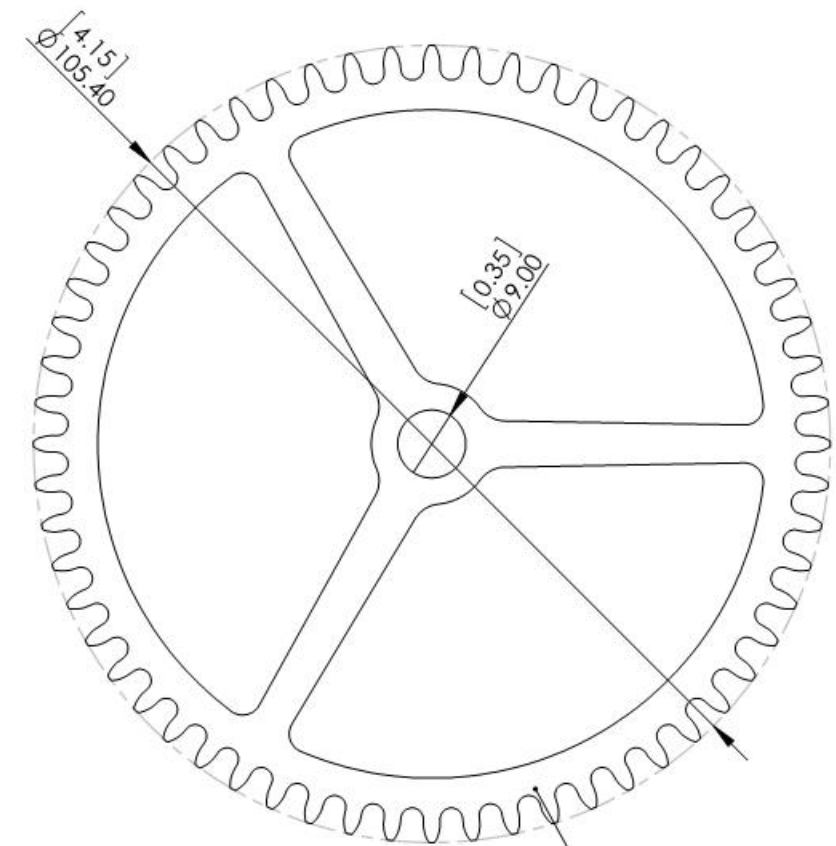
Sht 8 of 15 Shts	A3	Clock 14 - Mantle Wind-up Clock	Gears
Scale 1:1 Unless otherwise stated	All dimensions in mm and (inches) 3rd Angle projection	October 2012	Designed by: Brian law www.woodenclocks.co.uk



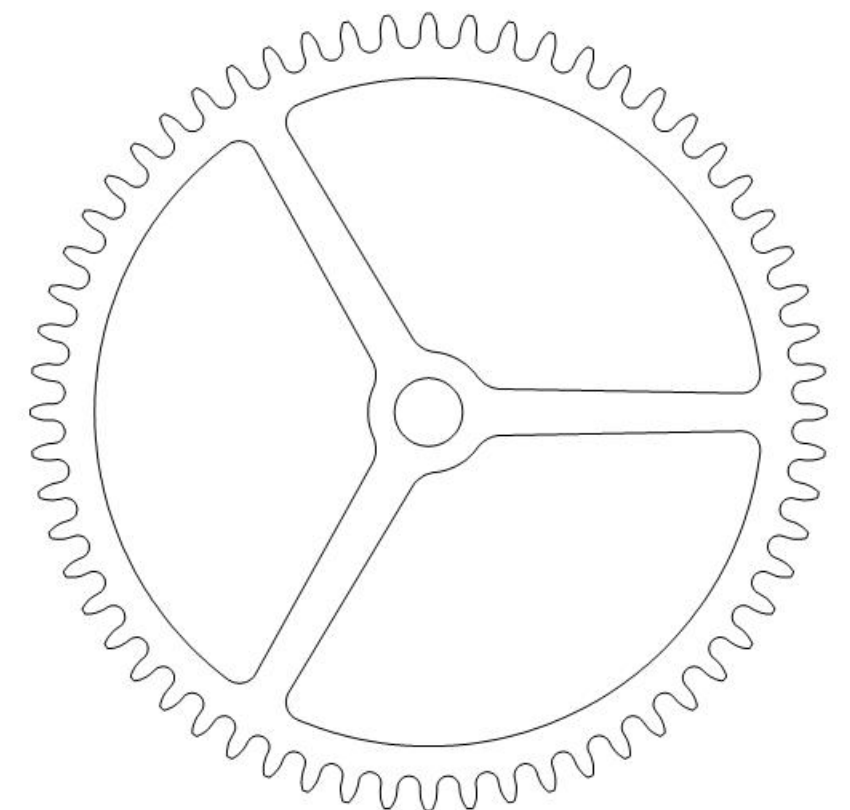
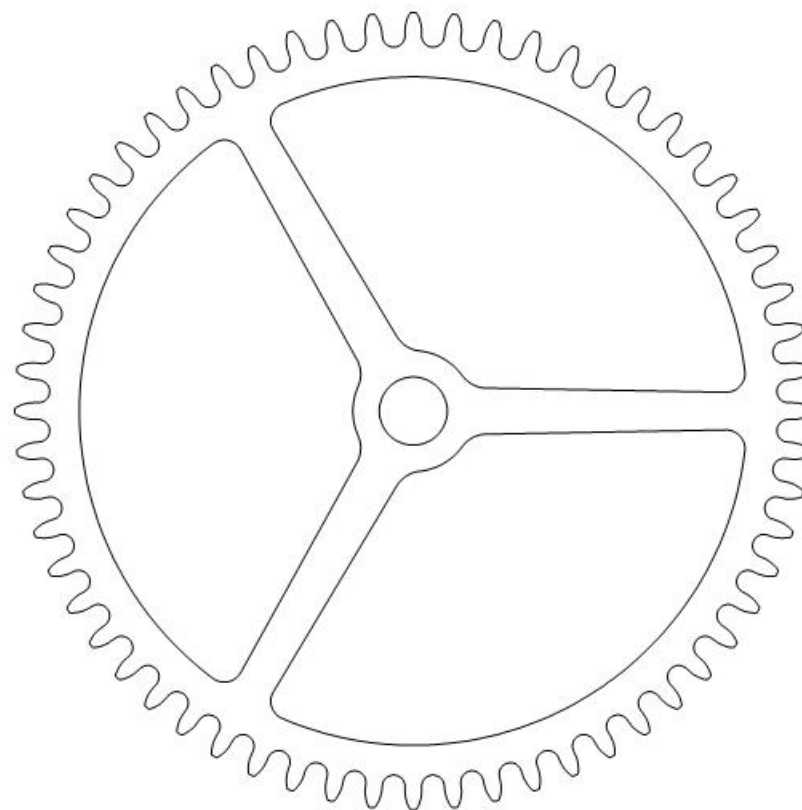
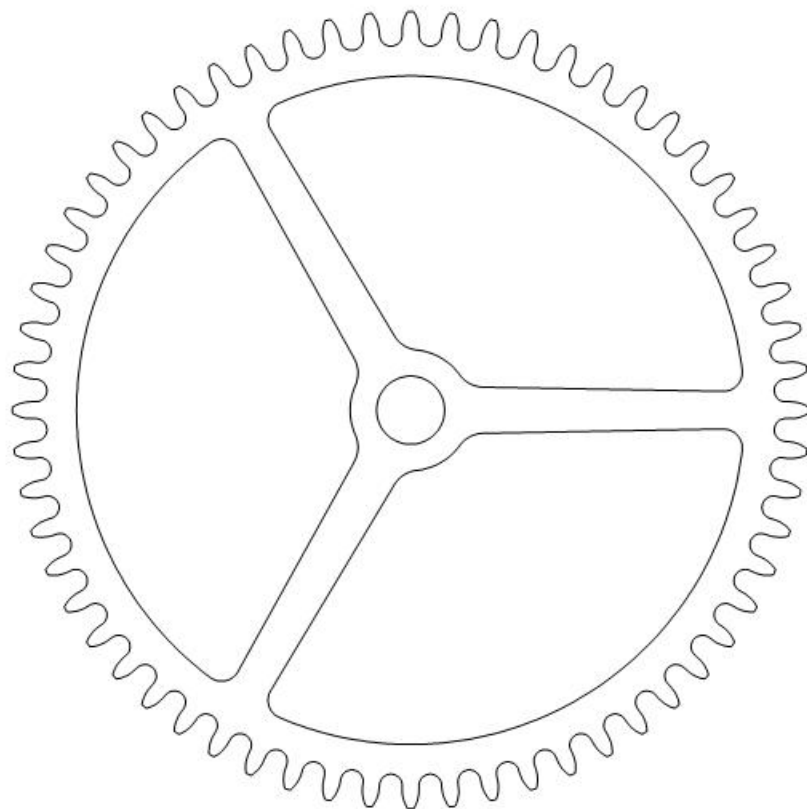
Sht 9 of 15 Shts	A3	Clock 14 - Mantle Wind-up Clock	Gears
Scale 1:1 Unless otherwise stated	All dimensions in mm and (inches) 3rd Angle projection	October 2012	Designed by: Brian Iaw www.woodenclocks.co.uk



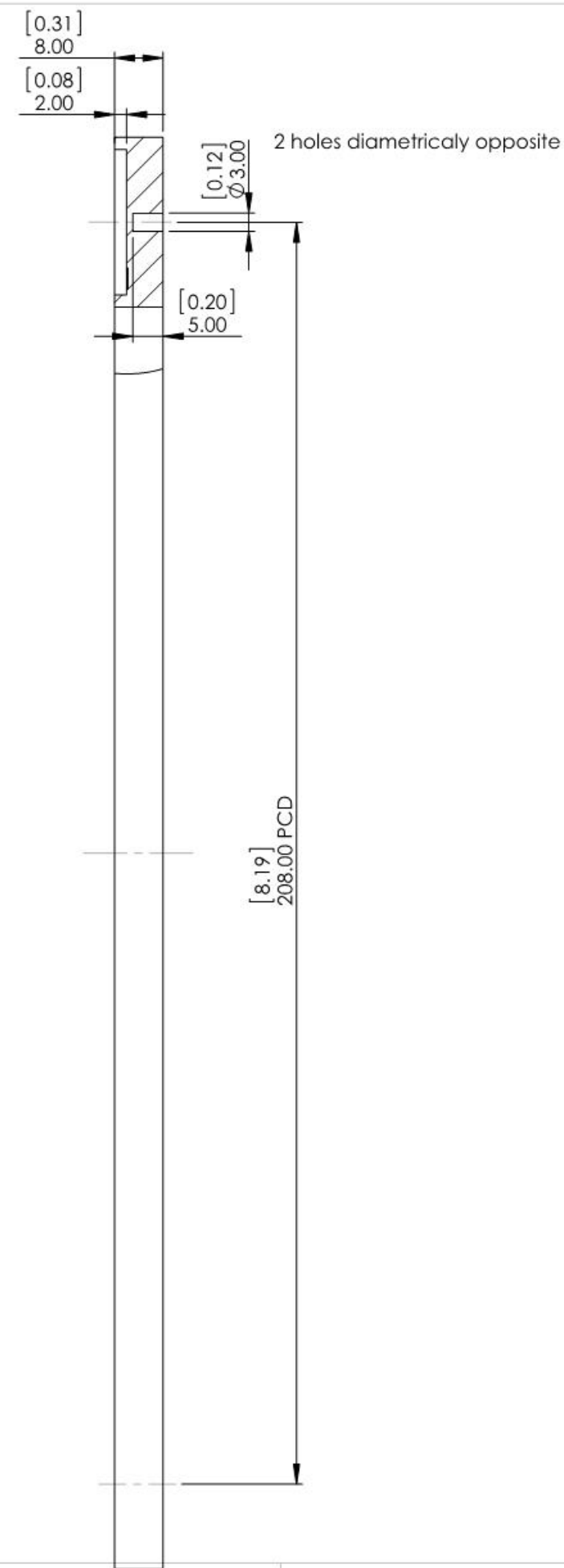
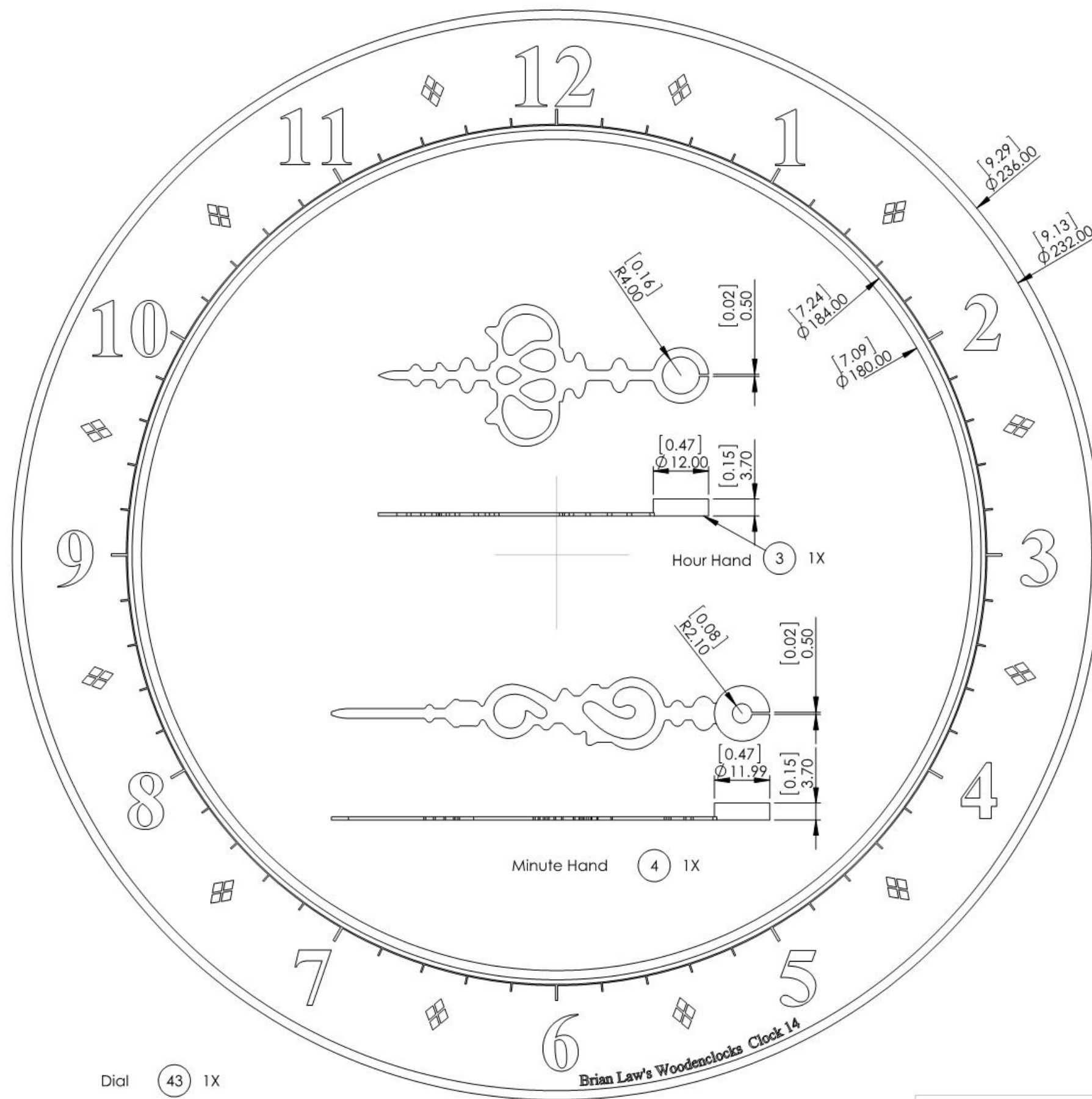
Escapement wheel (38) 1X



Gear 60 Teeth (49) 4X



Sht10 of 15 Shts	A3	Clock 14 - Mantle Wind-up Clock	Gears
Scale 1:1 Unless otherwise stated		All dimensions in mm and (inches) 3rd Angle projection	October 2012 Designed by: Brian law www.woodenclocks.co.uk

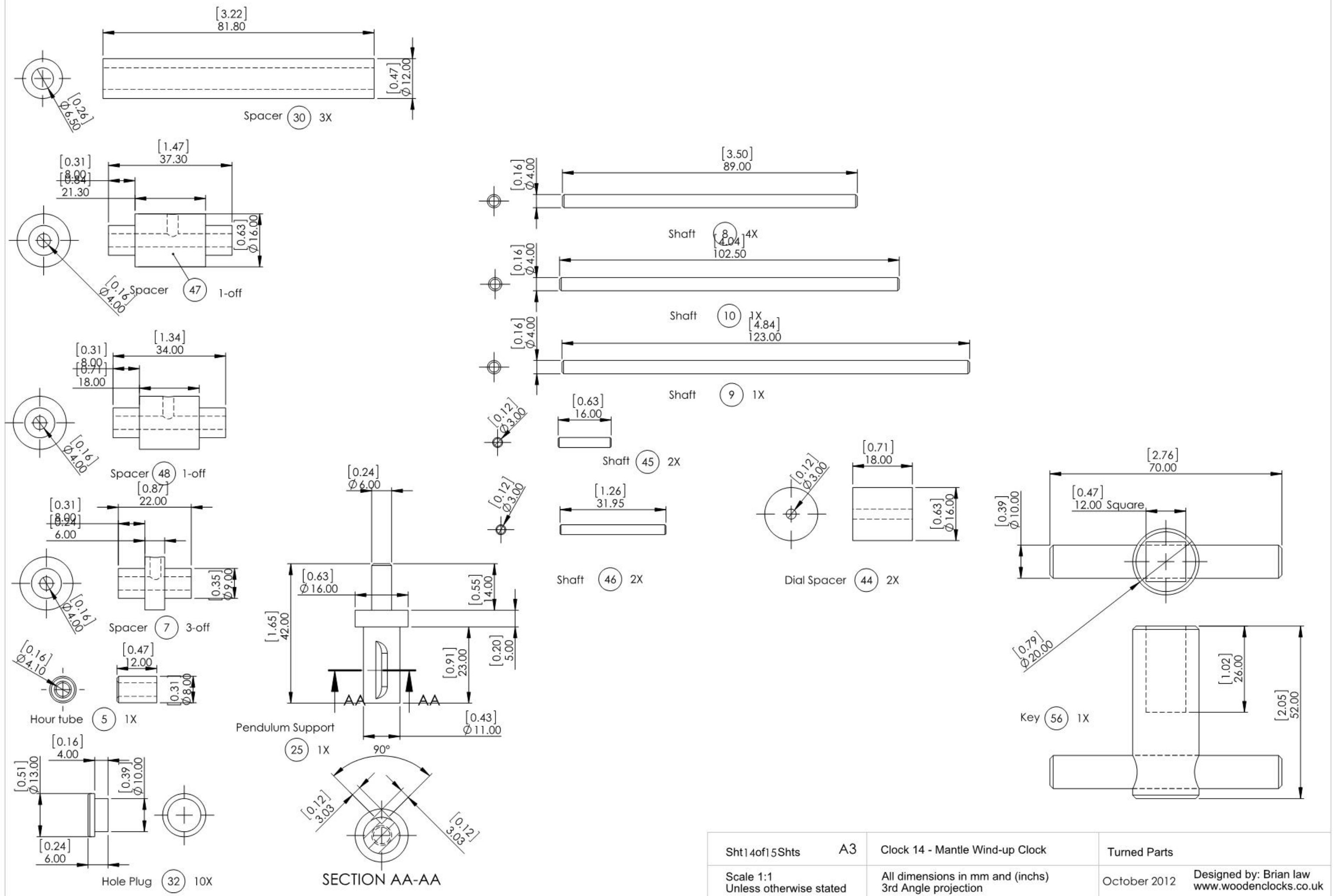


Dial (43) 1X
Scale 1:1

Sht of Shts A3
13 15
Scale 1:1
Unless otherwise stated

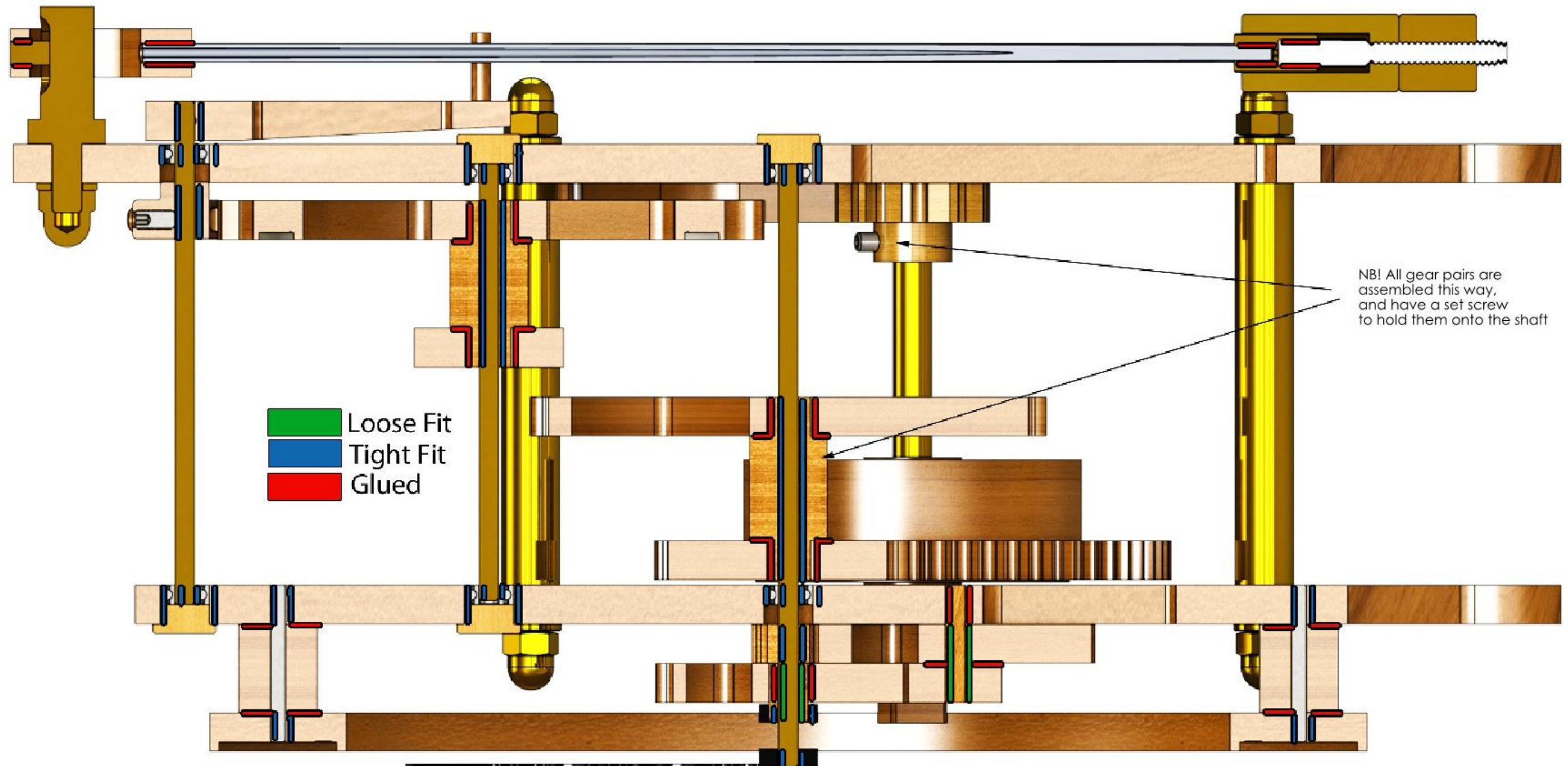
Clock 14 - Mantle Wind-up Clock
All dimensions in mm and (inches)
3rd Angle projection

Dial
October 2012
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Sht14of15Shts	A3	Clock 14 - Mantle Wind-up Clock	Turned Parts
Scale 1:1 Unless otherwise stated		All dimensions in mm and (inches) 3rd Angle projection	October 2012 Designed by: Brian law www.woodenclocks.co.uk

This diagram is intended as a guide to the types of fits required to ensure the clock will run correctly.



NB! The ball races may be substituted with plain bearings if required. The bearings and the domed headed nuts are proprietary items and can be obtained from the internet.

Sht15of15Shts	A3	Clock 14 - Mantle Wind-up Clock	Cross section showing Fits
Scale 1:1 Unless otherwise stated		All dimensions in mm and (inches) 3rd Angle projection	October 2012 Designed by: Brian law www.woodenclocks.co.uk