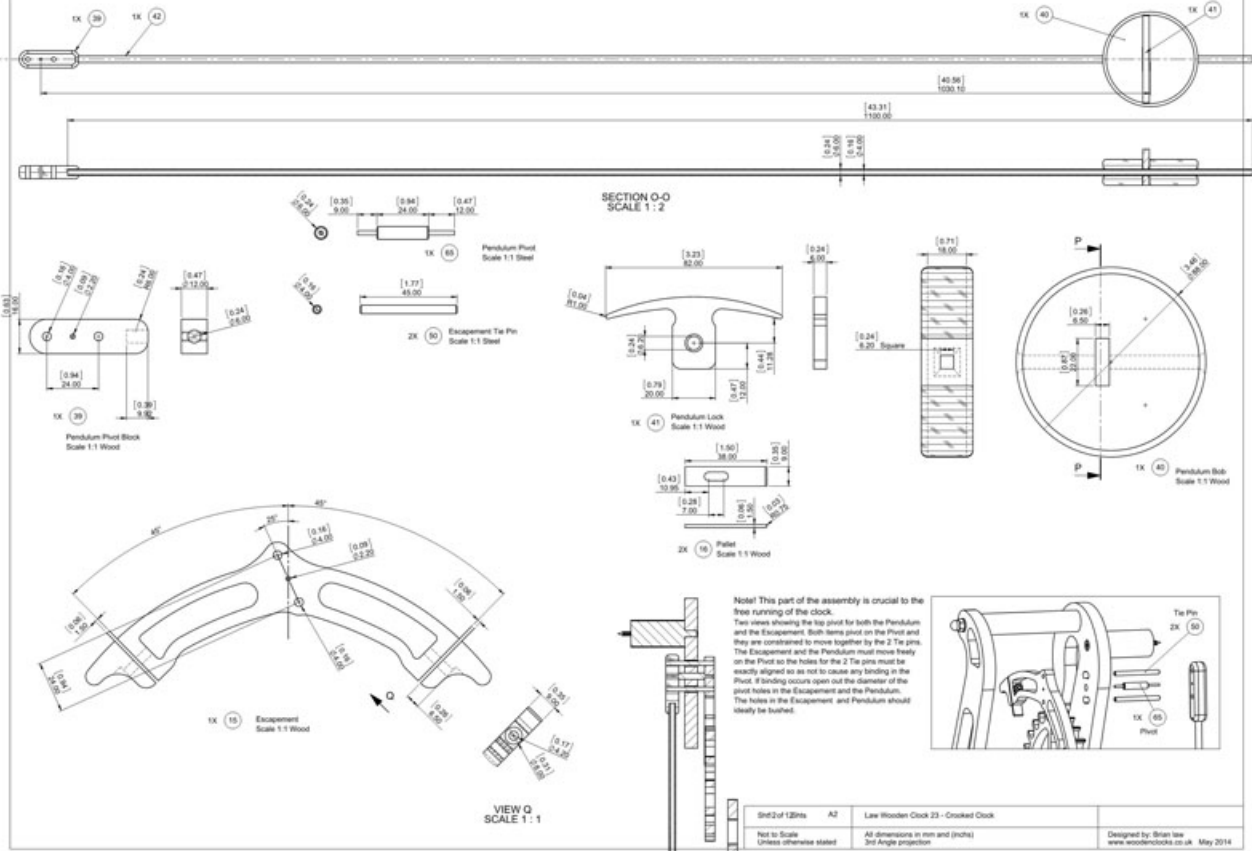
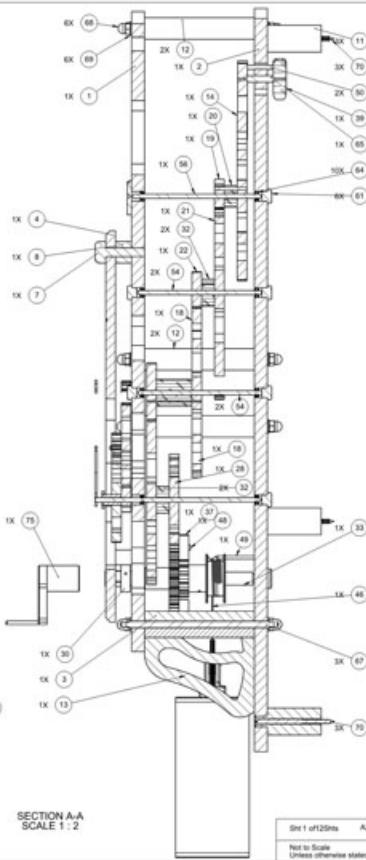
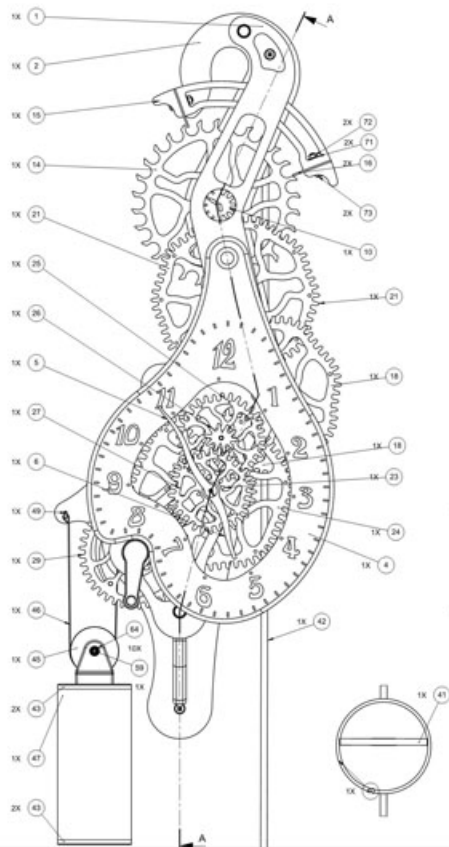






SECTION A-A
SCALE 1:2

Sheet 1 of 129

A2

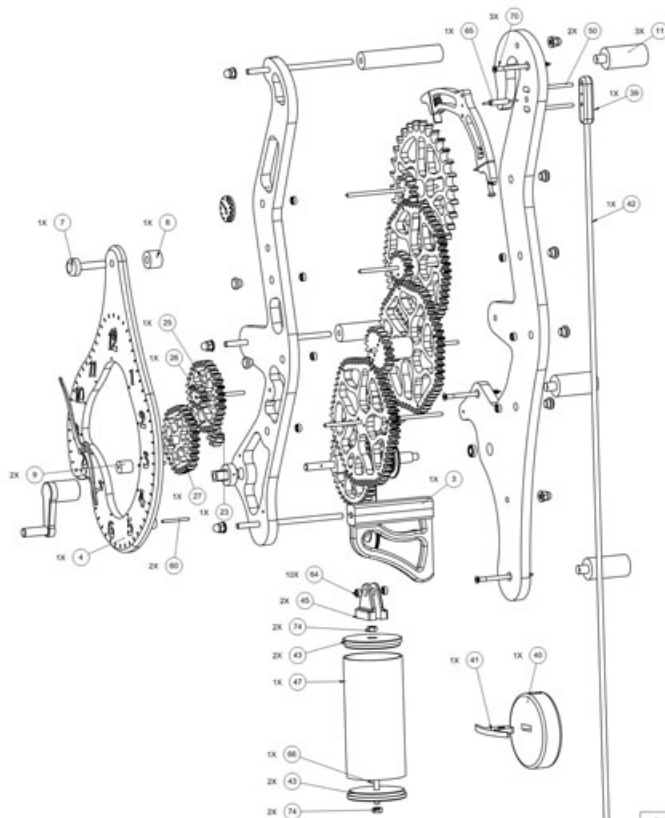
Law Wooden Clock 23 - Crooked Clock

Not to Scale
Unless otherwise stated

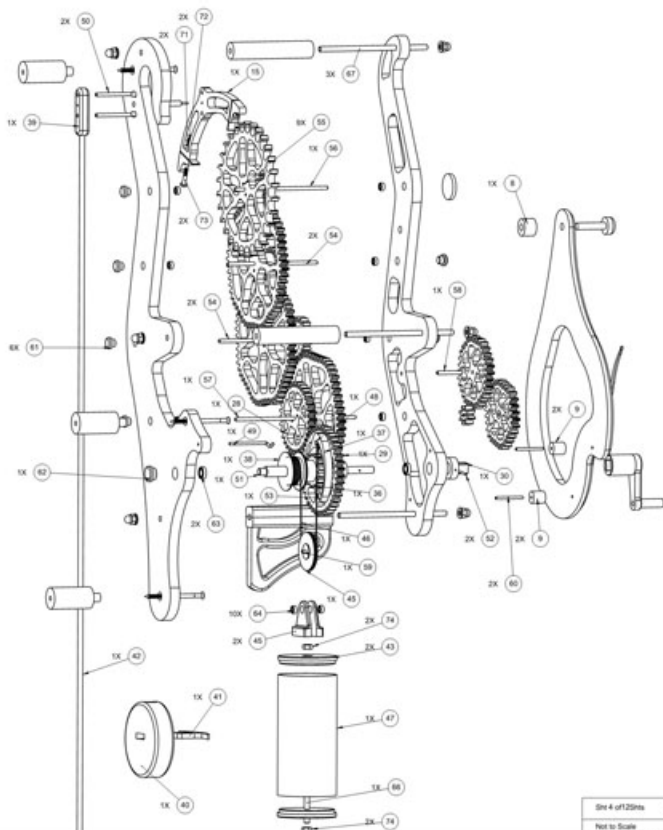
All dimensions in mm and (inches)
3rd Angle projection

Designed by Brian Law
www.woodenclocks.co.uk May 2014

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Clock 23-Front Frame	Wood 12mm	1	40	Clock 23-Pendulum Bob	Wood and Brass	1
2	Clock 23-Back Frame	Wood 12mm	1	41	Clock 23-Pendulum Lock	Wood 6mm Thk	1
3	Clock 23-Frame Square Spacer	Wood 12mm	1	42	Clock 23-Pendulum Rod	Carbon Fibre tube 6x4x1m	1
4	Clock 23-Melted Dial	Wood 12mm	1	43	Clock 23-Weight - End Plug	Wood 9mm	2
5	Clock 23-Minute Hand-Curved	Wood 2mm Thk	1	45	Clock 23-Weight Pulley	Wood 6mm Thk	1
6	Clock 23-Hour Hand-Curved	Wood 2mm Thk	1	45	Clock 23-Weight Pulley support	Wood 9mm thk	2
7	Clock 23-Dial Pin	Wood	1	46	Clock 23-Weight Cord	Blind Cord Ø1mm	1
8	Clock 23-Dial Boss	Wood	1	47	Clock 23-Weight Tube	Plastic Tube Ø68x2	1
9	Clock 23-Dial Boss-2	Wood	2	48	Clock 23-Pawl Pivot	Stainless steel	1
10	woodenclocksLogo-1	Wood	1	49	Clock 23-Weight Support pin	Stainless Steel	1
11	Clock 23-Wall Stand off	Wood	3	50	Clock 23-Escapement Tie Pin	Ø4 Silver Steel	2
12	Clock 23-Frame Spacer	Wood	2	51	Clock 23-Shaft-winder	Ø6 Brass	1
13	Clock 23-Brace	Wood 12 mm	1	52	Clock 23-2mm Shaft-20	Ø2 Stainless Steel	2
14	Clock 23-Escapement wheel	Wood	1	53	Clock 23-4mm Shaft-22	Ø4 Silver Steel	1
15	Clock 23-Escapement	Wood 9mm	1	54	Clock 23-4mm Shaft-112	Ø4 Silver Steel	2
16	Clock 23-Pallet	Wood 1.5mm	2	55	Clock 23-Pin 4-30	Stainless Steel Ø3	9
17	Clock 23-gear-20T 0-8ratio	Wood 9mm	1	56	Clock 23-4mm Shaft-119	Ø4 Silver Steel	1
18	Clock 23-gear-60T 0-8ratio-6 repeats	Wood 9mm	1	57	Clock 23-4mm Shaft-152	Ø4 Silver Steel	1
19	Clock 23-gear-12T 0-8ratio	Wood 9mm	1	58	Clock 23-Hour gear Pivot	Ø4 Silver Steel	1
20	Clock 23-Gear Spacer-5	Wood 12mm	1	59	Clock 23-Weight Pin	Ø4 Silver Steel	1
21	Clock 23-gear-60T 0-8ratio-10 repeats	Wood 9mm	1	60	Clock 23-Dial location Pin	Stainless Steel Ø3	2
22	Clock 23-gear-15T 0-8ratio	Wood 9mm	1	61	Clock 23-Bearing Plug-9	Wood	6
23	Clock 23-gear-8T 0-8ratio	Wood 9mm	1	62	Clock 23-Bearing Plug-14	Wood	1
24	Clock 23-Gear-60T 0-8ratio-6 repeats	Wood 9mm	1	63	Clock 23-Bearing 8mm	Ø8mmxØ14mmx4mm	2
25	Clock 23-gear-32T 0-8ratio-6 repeats	Wood 9mm	1	64	Clock 23-Bearing Ø4mmxØ9mmx4mm	Ø4mmxØ10mmx4mm	10
26	Clock 23-gear-10T 0-8ratio	Wood 9mm	1	65	Clock 23-Pendulum Pivot	Stainless Steel Ø6	1
27	Clock 23-gear-30T 0-8ratio-6 repeats	Wood 9mm	1	66	Clock 23-Threaded rod-weight	Stainless Steel M6	1
28	Clock 23-Winder Gears-32 Teeth	Wood 9mm	1	67	Clock 23-Threaded rod	Stainless Steel M6	3
29	Clock 23-Drum Gears-40 Teeth	Wood 9mm	1	68	Domed nut-m6x1	M6 Domed Nut	6
30	Clock 23-Key Drive Stub	Wood	1	69	M6 Washer	Brass or Delrin	6
31	Clock 23-Hour Tube	Wood	1	70	Woodscrew_No4_5x60	Brass	3
32	Clock 23-Gear Spacer-3	Wood	2	71	washer_din_6902-a_m4-200_hv	M4	2
33	Clock 23-Gear Spacer-1	Wood	1	72	nut_din934_m4-6	M4	2
34	Clock 23-Gear Spacer-4	Wood	1	73	Screw PAN H_M4 x 0-7_10	PANH, CRSHD, H, 7045	2
35	Clock 23-Gear Spacer-2	Wood	1	74	M6 nut	M6 nut	2
36	Clock 23-Ratchet	Wood	1	75	Winder	Wood	1
37	Clock 23-Pawl	Wood	1				
38	Clock 23-Drum	Wood	1				
39	Clock 23-Pendulum Pivot Block	Wood 12mm	1				



Sheet 3 of 12 Not to Scale Unless otherwise stated	A2 All dimensions in mm and (inches) 3rd Angle projection	Law Wooden Clock 23 - Crooked Clock Designed by Brian Ives www.woodenchicks.co.uk May 2014
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Std 4 of 25Hrs

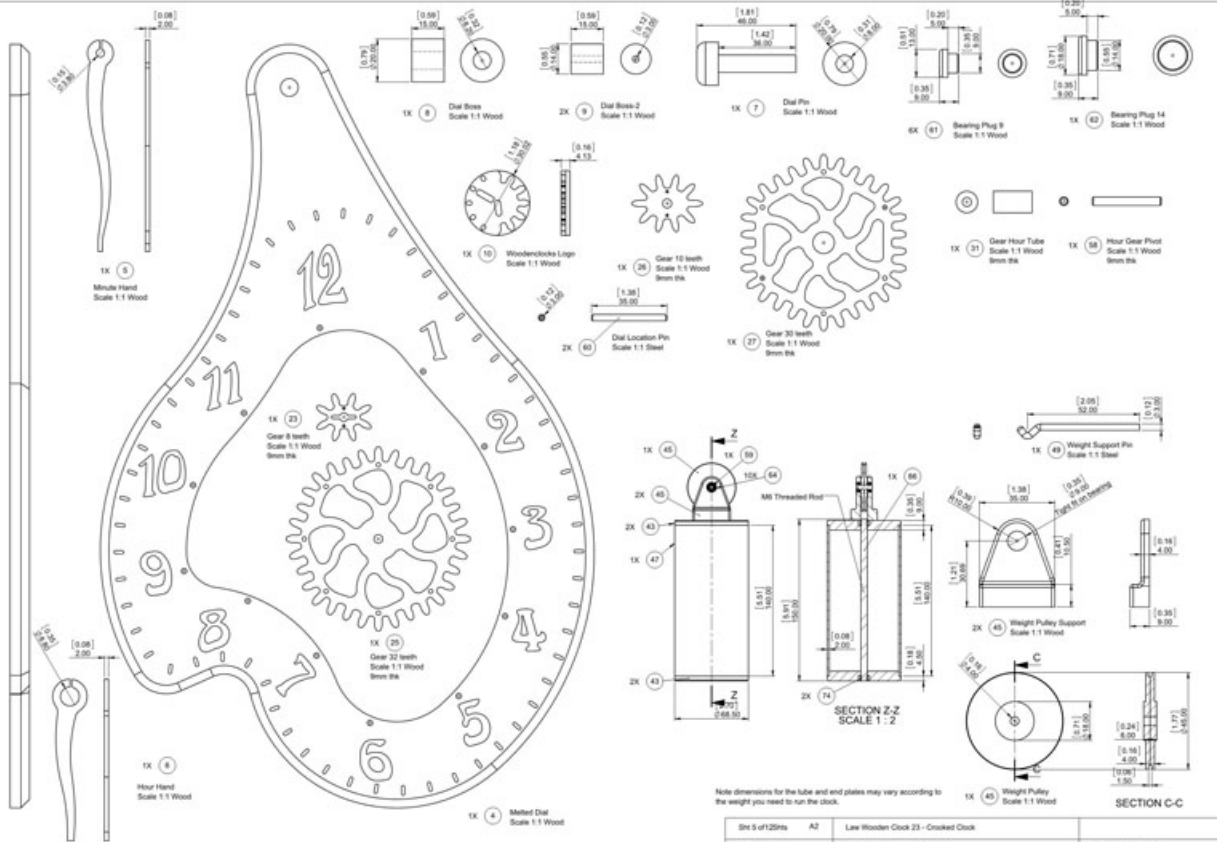
A2

Law Wooden Clock 23 - Crooked Clock

Not to Scale
Unless otherwise stated

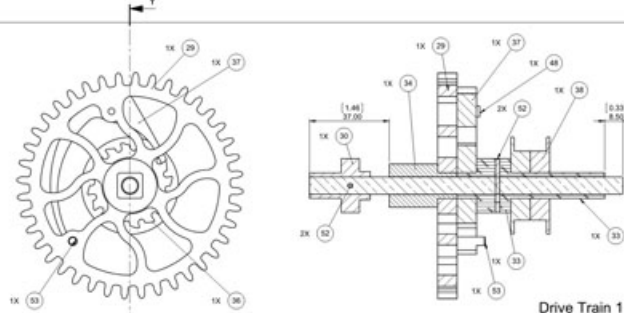
All dimensions in mm and (inches)
3rd Angle projection

Designed by Brian Ives
www.woodenlocks.co.uk May 2014



5Hz 5 of 125Hz	A2	Law Wooden Clock 23 - Crooked Clock
Not to Scale		All dimensions in mm and (inches)
Unless otherwise stated		3rd Angle projection
		Designed by Brian Lee www.woodenclocks.co.uk May 2014



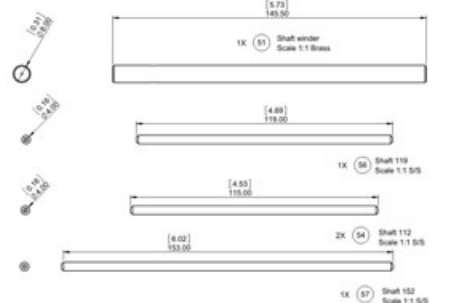
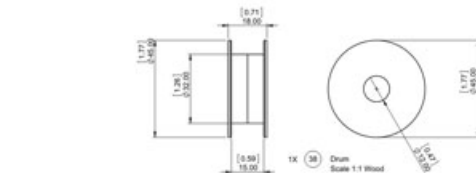
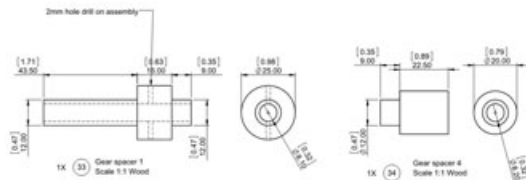
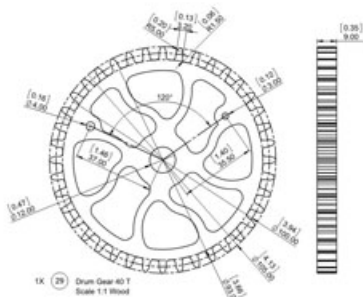
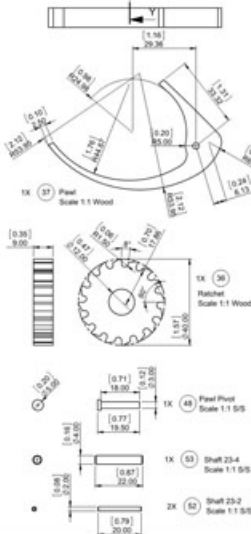


Drive Train 1

SECTION Y-Y
SCALE 1:1

2mm hole drill on assembly

1X 30 Key Drive Stub
Scale 1:1 Wood



Std 7 of 25Hrs

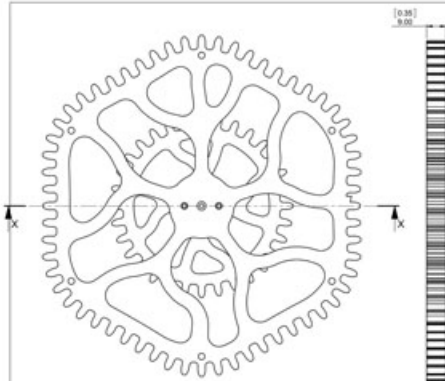
A2

Law Wooden Clock 23 - Crooked Clock

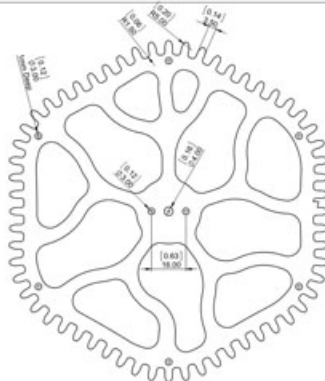
Not to Scale
Unless otherwise stated

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

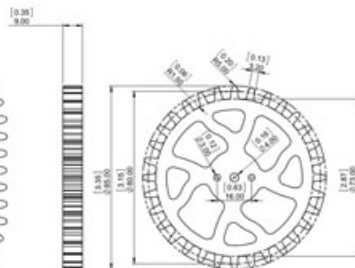
Designed by Brian Ives
www.woodenlocks.co.uk May 2014



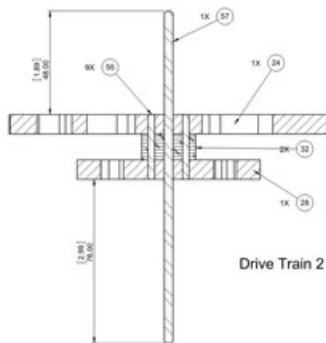
Drive Train 2



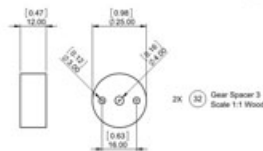
1X 24 Gear 32 Teeth 6 repeats
Scale 1:1 Wood



1X 28 Winder Gear 32 Teeth
Scale 1:1 Wood



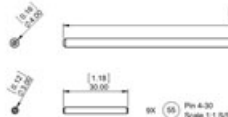
Drive Train 2



2X 32 Gear Spacer 3
Scale 1:1 Wood



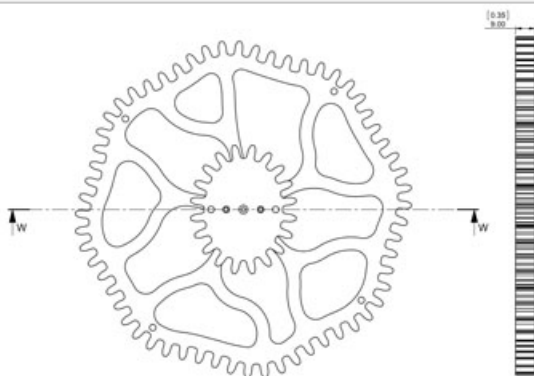
1X 57 Shaft 152
Scale 1:1 5/5



8X 55 Pin 4-30
Scale 1:1 5/5

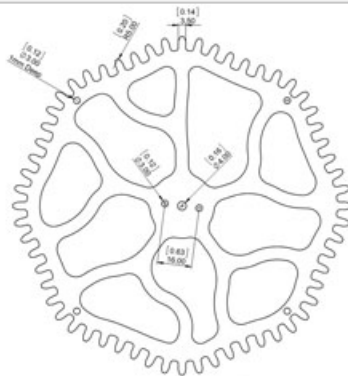
SECTION X-X
SCALE 1:1

Str 8 of 29Hts	A2	Law Wooden Clock 23 - Crooked Clock
Not to Scale		All dimensions in mm and (inches)
Unless otherwise stated		3rd Angle projection
		Designed by Brian Iaw www.woodenlocks.co.uk May 2014

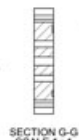


Drive Train 3

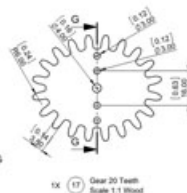
Drive Train 3



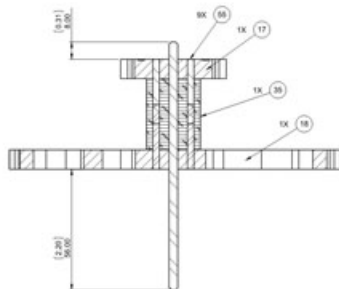
1X 16 Gear 50 Teeth 8 repeats
Scale 1:1 Wood



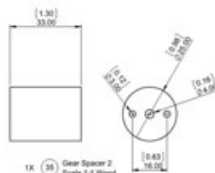
SECTION G-G
SCALE 1:1



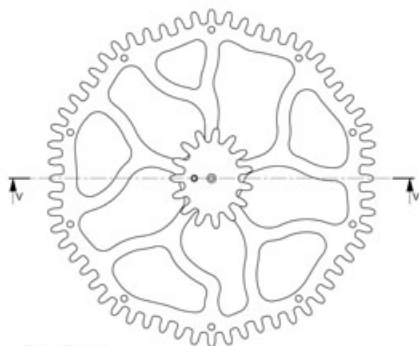
1X 17 Gear 20 Teeth
Scale 1:1 Wood



SECTION W-W
SCALE 1:1

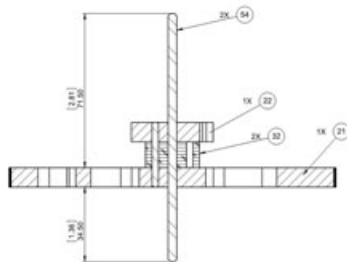


1X 36 Gear Spacer 2
Scale 1:1 Wood

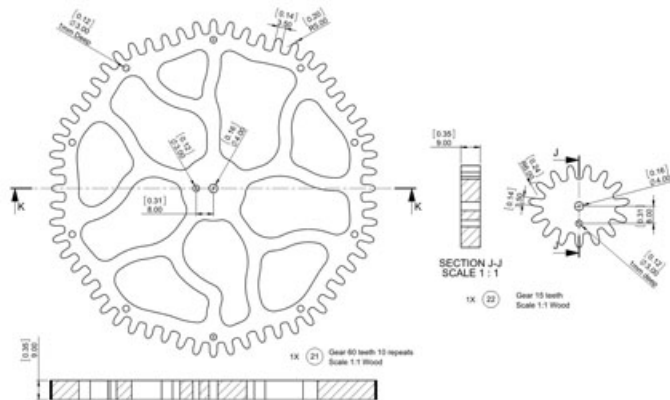


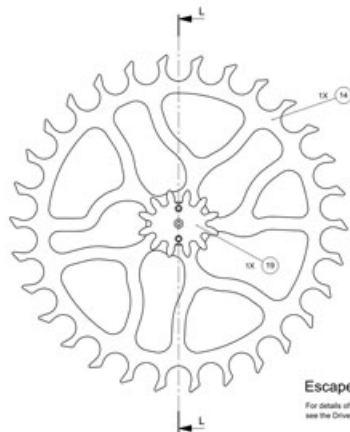
Drive Train 4

Drive Train 4



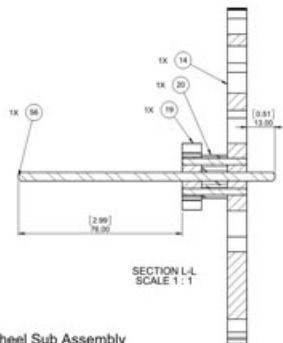
SECTION V-V
SCALE 1:1



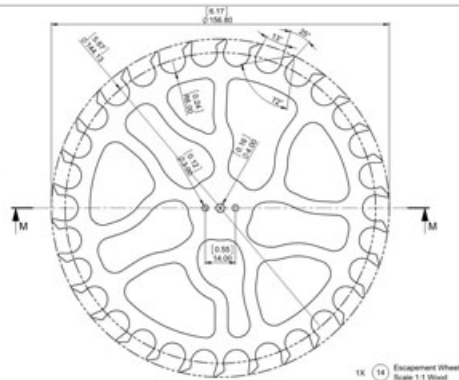


Escape Wheel Sub Assembly

For details of shafts 56
see the Drive Train 2



SECTION L-L
SCALE 1 : 1



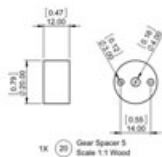
1X 14 Escape Wheel
Scale 1:1 Wood



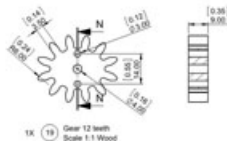
SECTION M-M
SCALE 1 : 1



1X 56 Shaft 119
Scale 1:1 Wood



1X 29 Gear Spare 5
Scale 1:1 Wood



1X 19 Gear 12 teeth
Scale 1:1 Wood