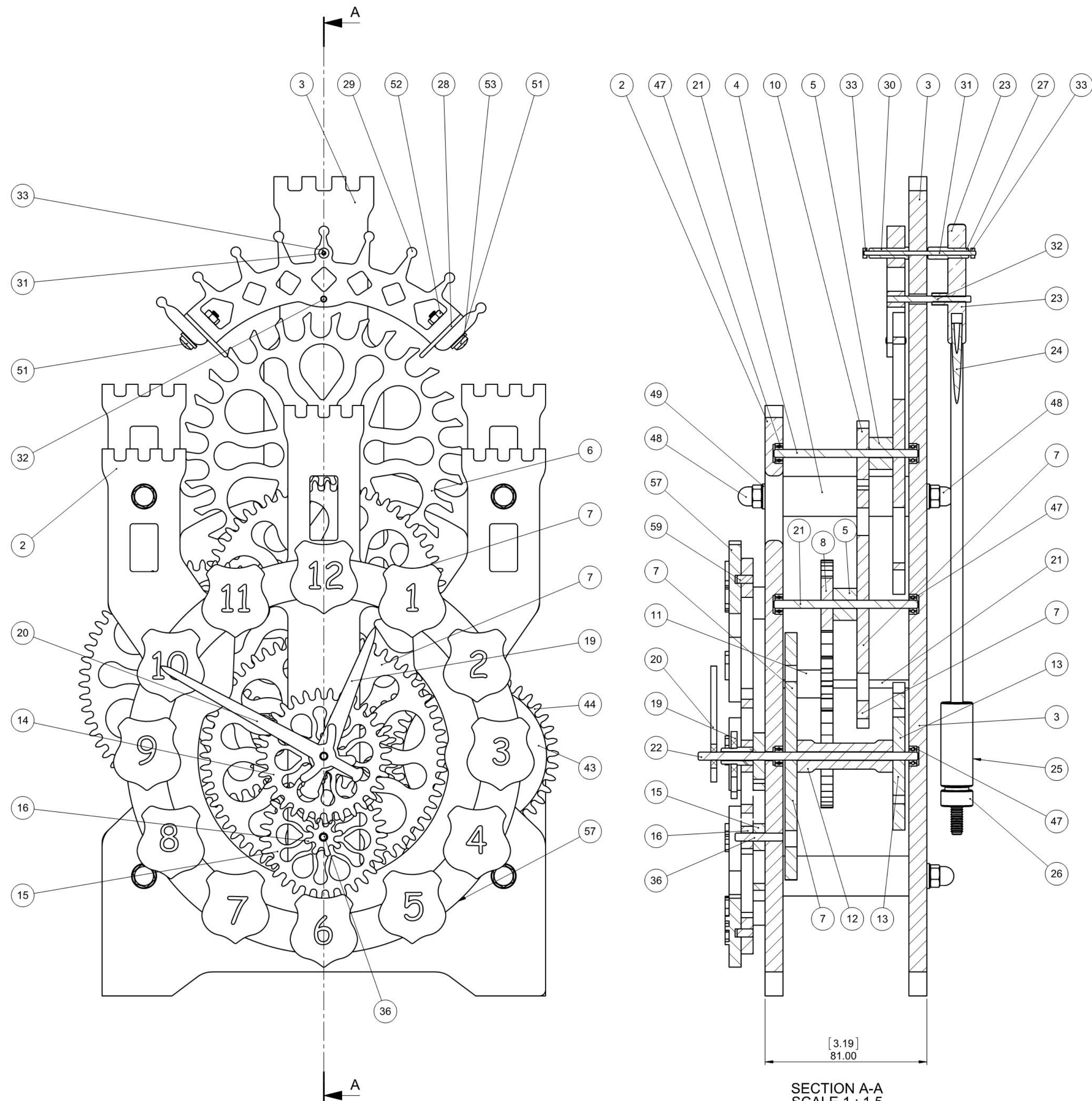
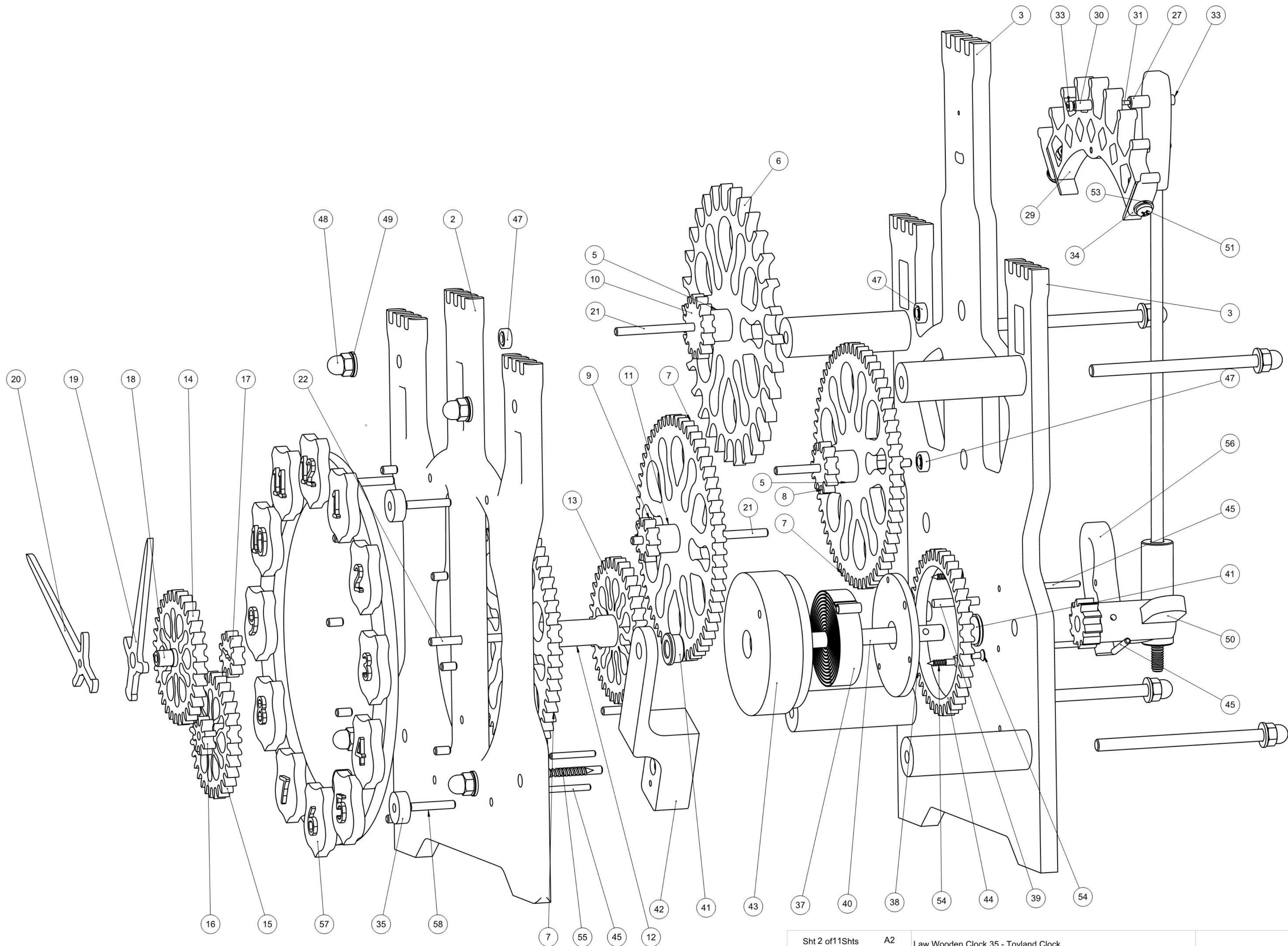


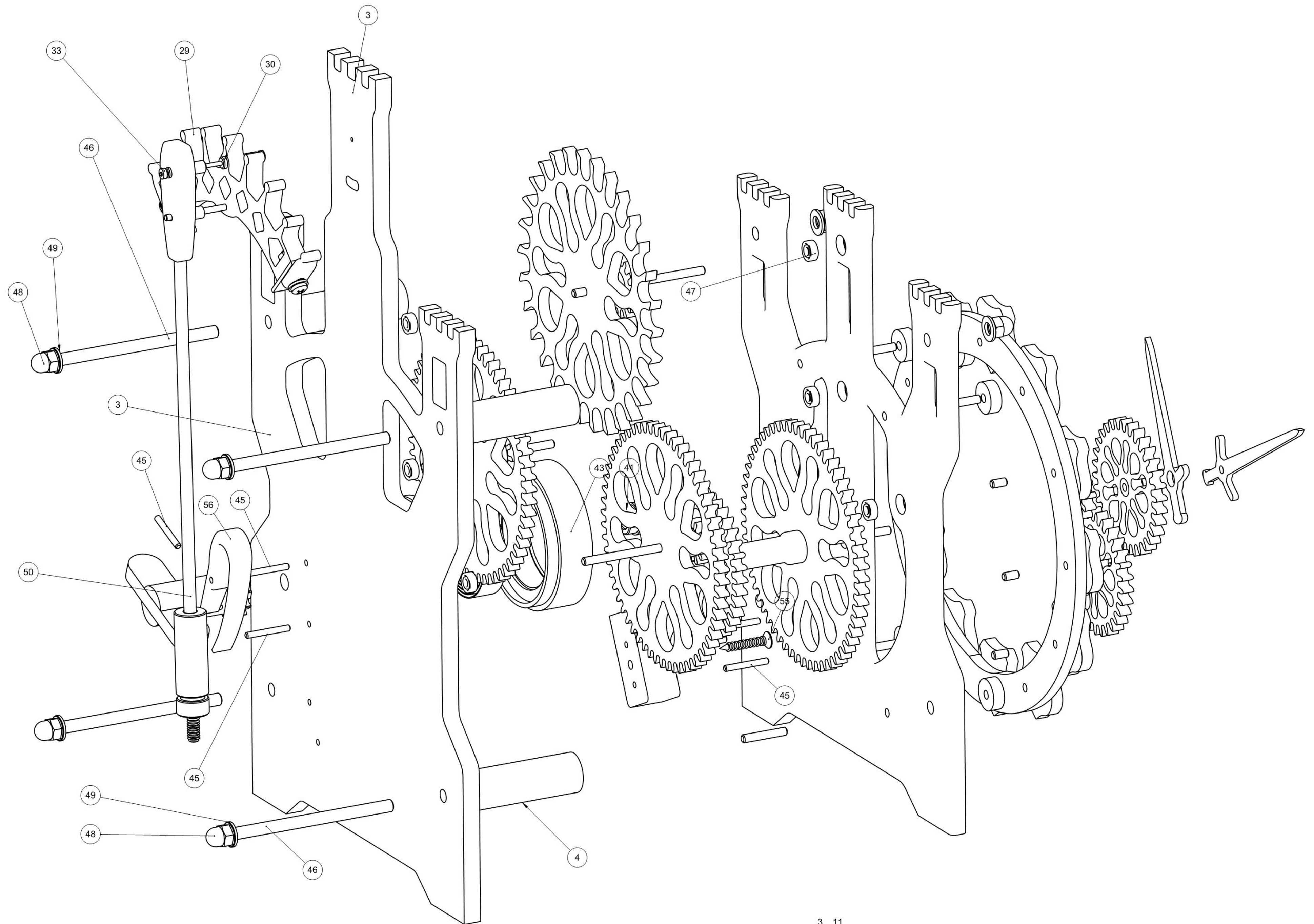


SECTION A-A
SCALE 1 : 1.5

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
2	clock 35-Front Panel	Wood 9mm thk	1
3	Clock 35-Back Panel	Wood 9mm thk	1
4	Clock 35-Frame Spacer	Wood Ø20	4
5	Clock 35-Gear spacer	Wood Ø16	2
6	Clock 35-Escape wheel	Wood 9mm thk	1
7	Clock 35-Gear 60 Teeth	Wood 6mm thk	3
8	Clock 35-Gears-12 Teeth	Wood 6mm thk	1
9	Clock 35-Gears-10 Teeth	Wood 6mm thk	1
10	Clock 35-Gear 15 teeth	Wood 6mm thk	1
11	Clock 35-Gear spacer-Ø14mm	Wood Ø14	1
12	Clock 35-Gear spacer-Drive	Wood Ø16	1
13	Clock 35-Gear 35 Teeth	Wood 6mm thk	1
14	Clock 35-Hour Gears-32 Teeth	Wood 6mm thk	1
15	Clock 35-Hour Gears-30 Teeth	Wood 6mm thk	1
16	Clock 35-Hour Gears-8 Teeth	Wood 6mm thk	1
17	Clock 35-Hour Gears-10 Teeth	Wood 6mm thk	1
18	Clock 35-Hour Tube	Wood Ø9	1
19	Clock 35-Hour Hand	Plastic 3mm thk	1
20	Clock 35-Minute Hand	Plastic 3mm thk	1
21	Clock 35-Gear Shaft Short	Silver Steel Ø4x72mm>	3
22	Clock 35-Gear Shaft Long	Silver Steel Ø4x110mm	1
23	Clock 35-Pendulum Head	Wood 9mm thk	1
24	Clock 35-Pendulum Rod	Carbon Fibre tube Ø6	1
25	Clock 35-Pendulum Bob	Brass Ø16	1
26	Clock 35-Pendulum Nut	Brass Ø16	1
27	Clock 35-Pendulum Sleeve	Brass Ø6	1
28	Clock 35-Pallet	Plastic 2mm Thk	2
29	Clock 35-Escapement	Wood 9mm	1
30	Clock 35-Escapement Sleeve	Brass Ø6	1
31	Clock 35-Pendulum Pivot Pin	Silver steel Ø2mm	1
32	Pendulum-Escapement connector	Silver steel Ø3mm	1
33	Clock 35-end stop	Plastic 2mm Thk	2
34	Clock 35-Pallet-Clamp-2	Wood 6mm thk	2
35	Clock 35-Dial spacer	Wood 6mm thk	4
36	Clock 35-Pin-24mm	Silver Steel Ø4x24	1
37	Clock 35-Spring	Cousins ANS12	1
38	Clock 35-Spring-Cover Plate	Wood 6mm thk	1
39	Clock 35-Spring-Pin	Silver Steel Ø2x24	1
40	Clock 35-Spring Arbor	Brass Ø8x72mm	1
41	Clock 35-Spring Gear-Bush	Acetal Bar Ø16mm	2
42	Clock 35-Spring-Support Arm	Wood 24 mm thk	1
43	Clock 35-Spring Gear- Case	Wood 24mm thk	1
44	Clock 35-Spring Gear-38	Wood 6mm thk	1
45	Clock 35-Key Drive Pin	Silver Steel Ø3x24mm	5
46	Clock 35-Frame Threaded rod	Steel Threaded rod Ø6x95	4
47	Bearing Ø4mmxØ10mmx4mm	MR104ZZ	8
48	Domed nut-m6x1	M6 Domed Nut	8
49	M6 Washer	Brass or Delrin	8
50	Clock 35-Winder Drive	Wood see drawing	1
51	Screw PAN H_M4 x 0~7_10	Pan Head M4	2
52	Nut M4	Nut m4	2
53	Washer M4	Brass or Delrin	2
54	woodscrew 3mmx16mm	Brass	3
55	Woodscrew_No6x25mm	Brass	1
56	Clock 35 Pawl	Wood 9mm thk	1
57	Clock 35 Dial		1
58	Clock 35-Dial Pin		4
59	Clock 35-Dial Shield Pin		8

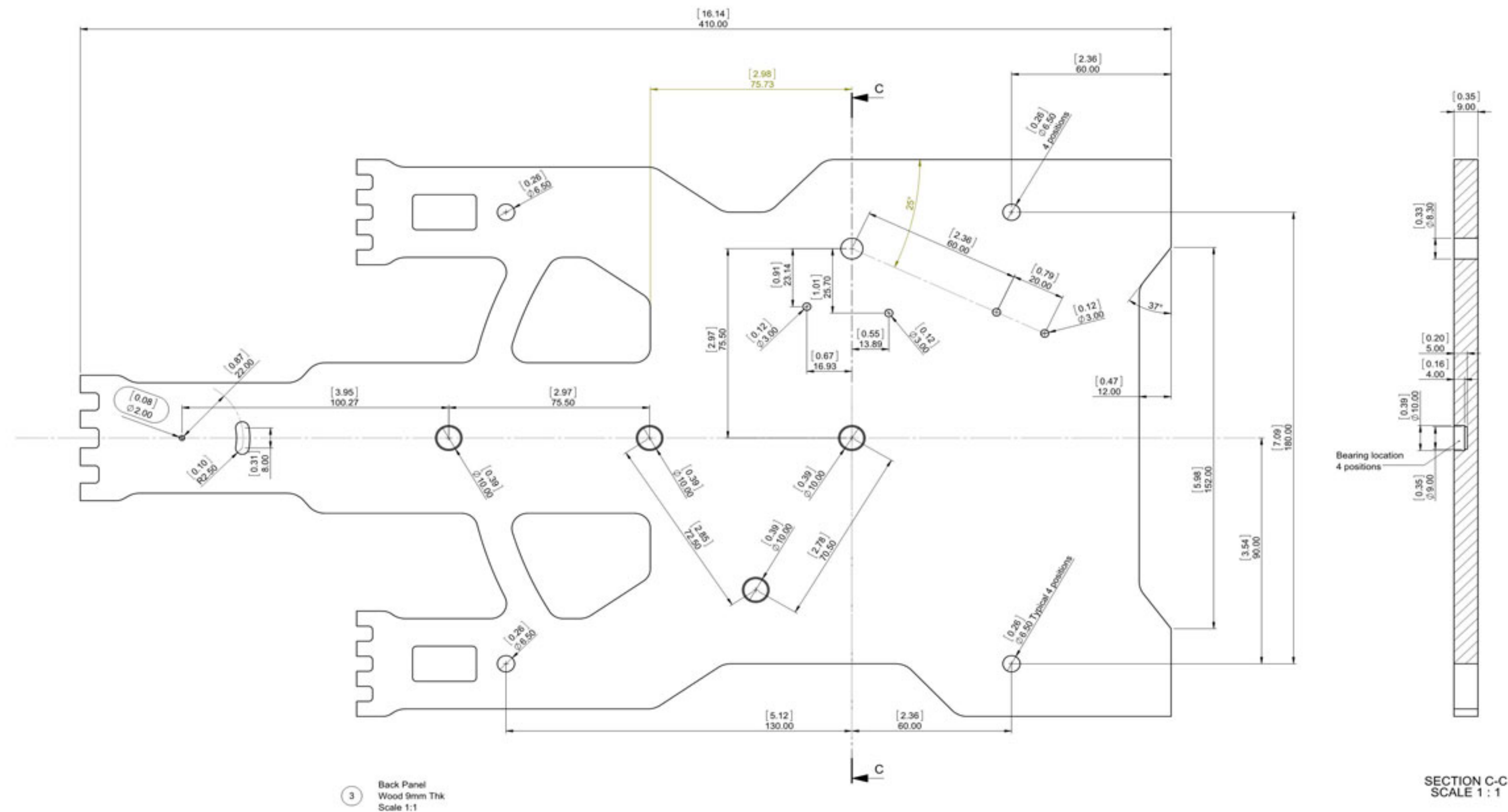


Sht 2 of 11 Shts	A2	Law Wooden Clock 35 - Toyland Clock	
Not to Scale Unless otherwise stated		All dimensions in mm and (inches) 3rd Angle projection	Designed by: Brian law www.woodenclocks.co.uk October 2018



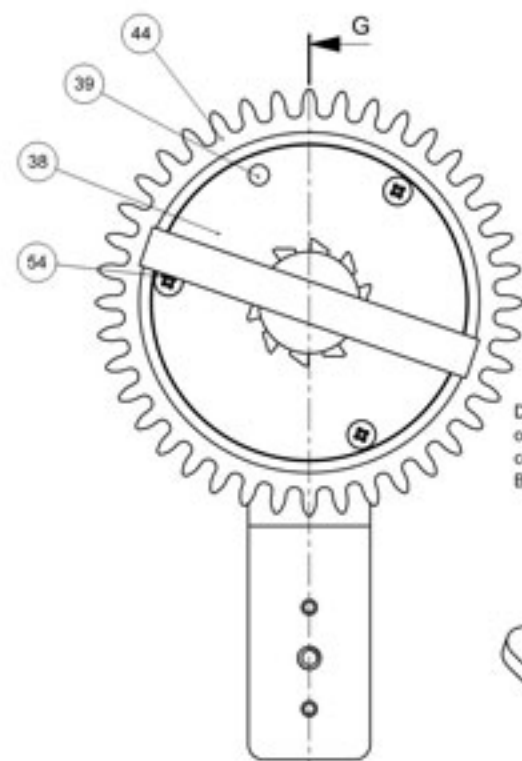
3 11

Sht of Shts A2	Law Wooden Clock 35 - Toyland Clock	
Not to Scale Unless otherwise stated	All dimensions in mm and (inches) 3rd Angle projection	Designed by: Brian law www.woodenclocks.co.uk October 2018

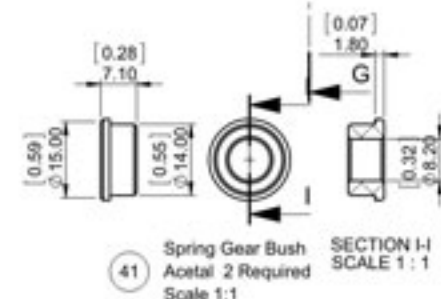




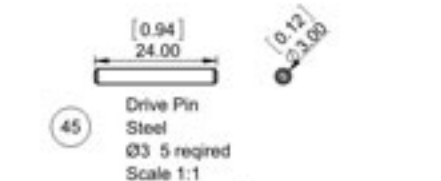
Sht 5 off 11 Shts	A2	Law Wooden Clock 35 - Toyland Clock	
Not to Scale Unless otherwise stated		All dimensions in mm and (inches) 3rd Angle projection	Designed by: Brian law www.woodenclocks.co.uk October 2018



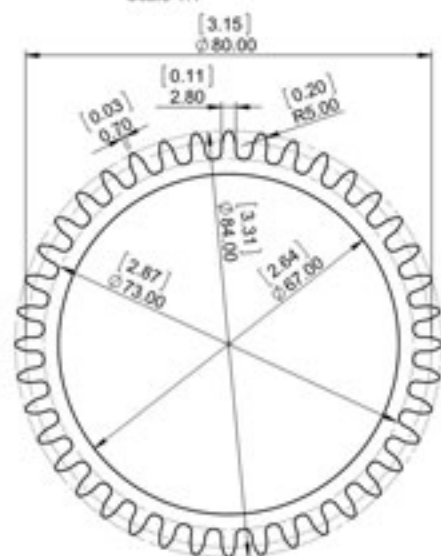
Drill and Pin the winder to the shaft on assembly so as to achieve the correct gap here when fitted to the Bake Panel



41 Spring Gear Bush
Acetal 2 Required
Scale 1:1



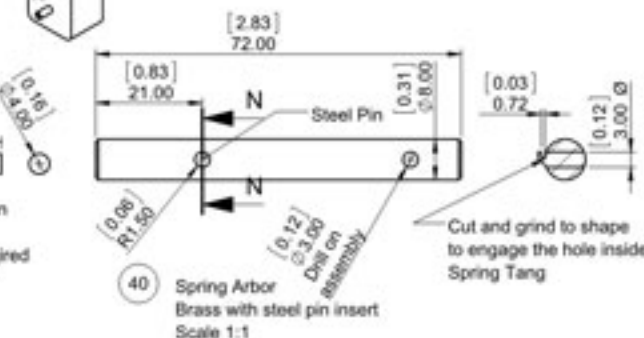
45 Drive Pin
Steel
Ø3 5 required
Scale 1:1



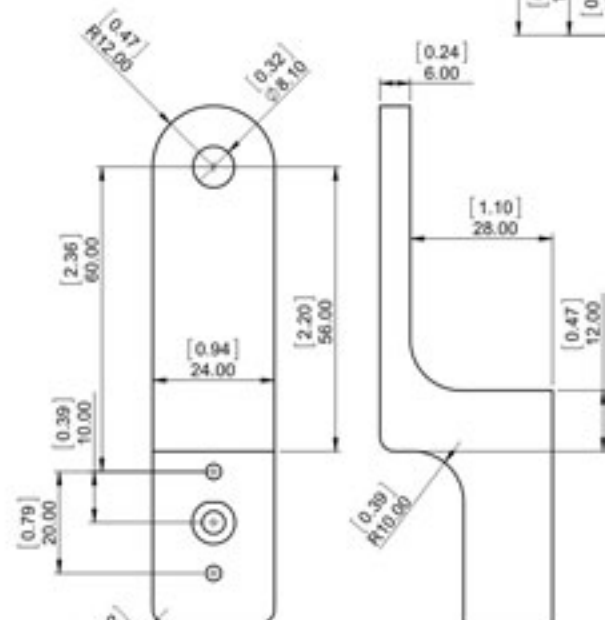
44 Spring Gear 38 Teeth
Wood 6mm Thk
Scale 1:1



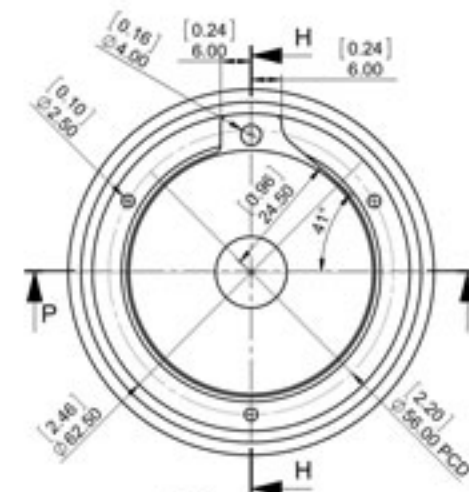
39 Spring Pin
Steel
Ø4 1 required
Scale 1:1



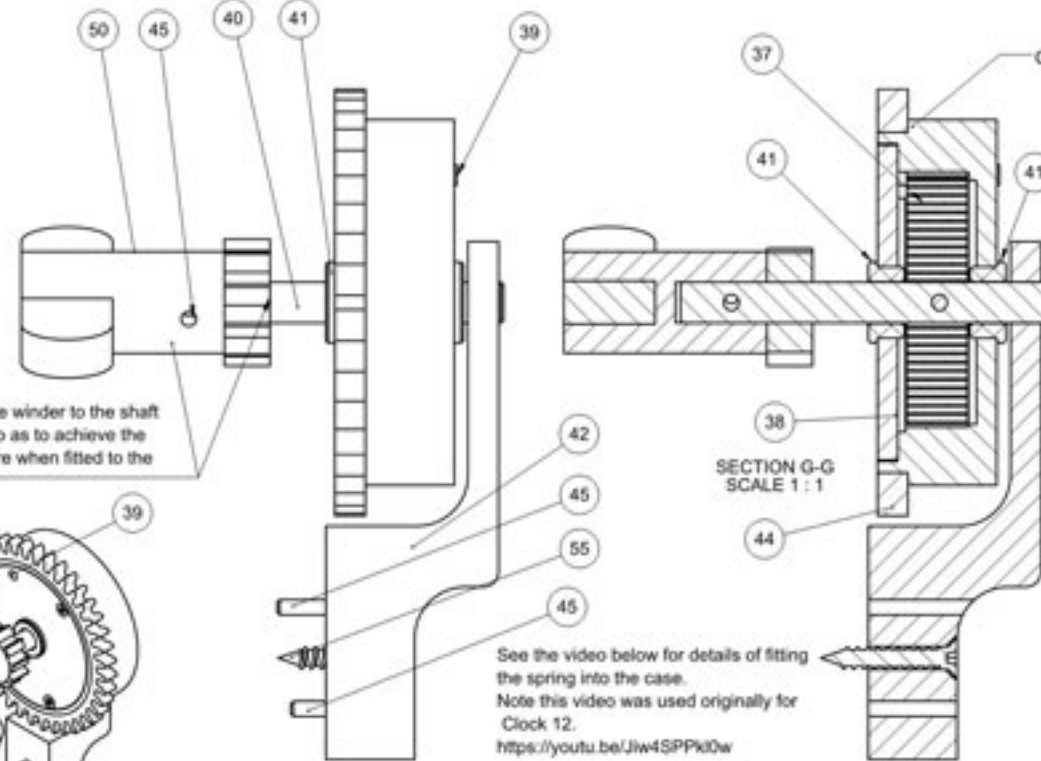
40 Spring Arbor
Brass with steel pin insert
Scale 1:1



42 Spring Gear 68 Teeth
Wood 6mm Thk
Scale 1:1



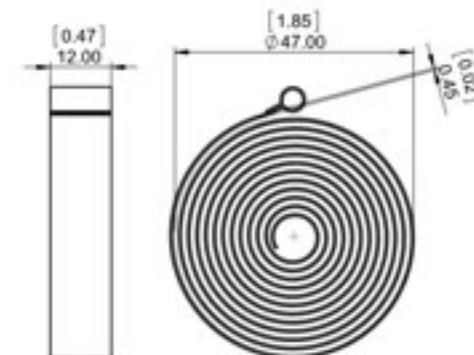
43 Spring Gear Case
Wood 23.5mm Thk
Scale 1:1



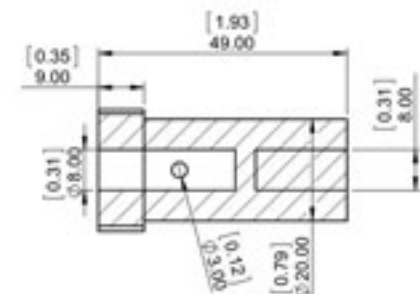
SECTION G-G
SCALE 1:1

See the video below for details of fitting the spring into the case.
Note this video was used originally for Clock 12.
<https://youtu.be/Ujw4SPK0Dw>

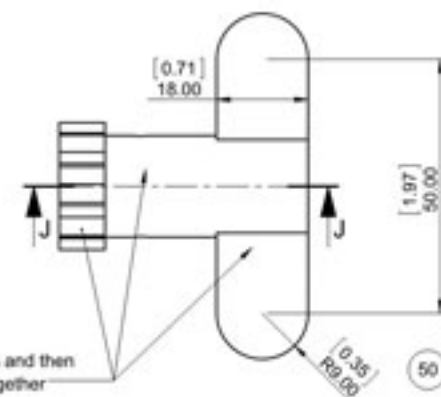
Glue the gear to the case.



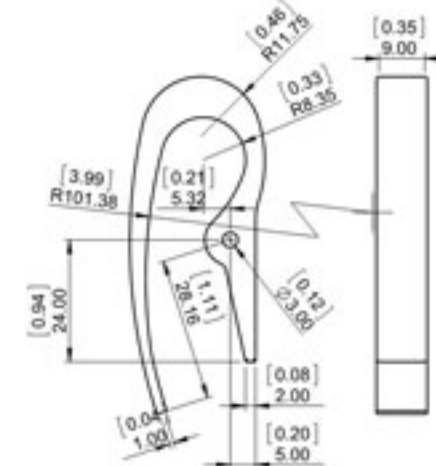
37 Main Spring- American Ansonia
12 wide x 0.45 thk x 2500 long x Ø47mm
Cousins UK code - ANS12
<https://www.cousinsuk.com/product/american-ansonia>
or
<https://timesavers.com/i-24048938-12-7-x-0-46-x-2137mm-open-loop-end-mainspring.html>



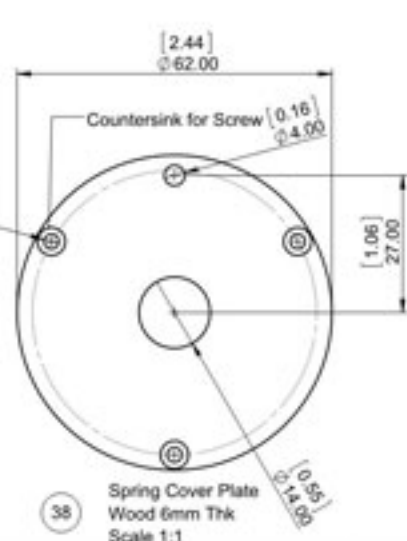
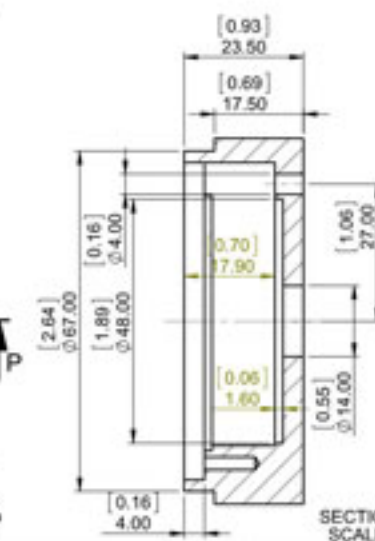
SECTION J-J
SCALE 1:1



50 Winder Drive
Wood
Scale 1:1



56 Pawl
Wood 9mm Thk
Scale 1:1



38 Spring Cover Plate
Wood 6mm Thk
Scale 1:1

