

Sht 1 of 9Shts

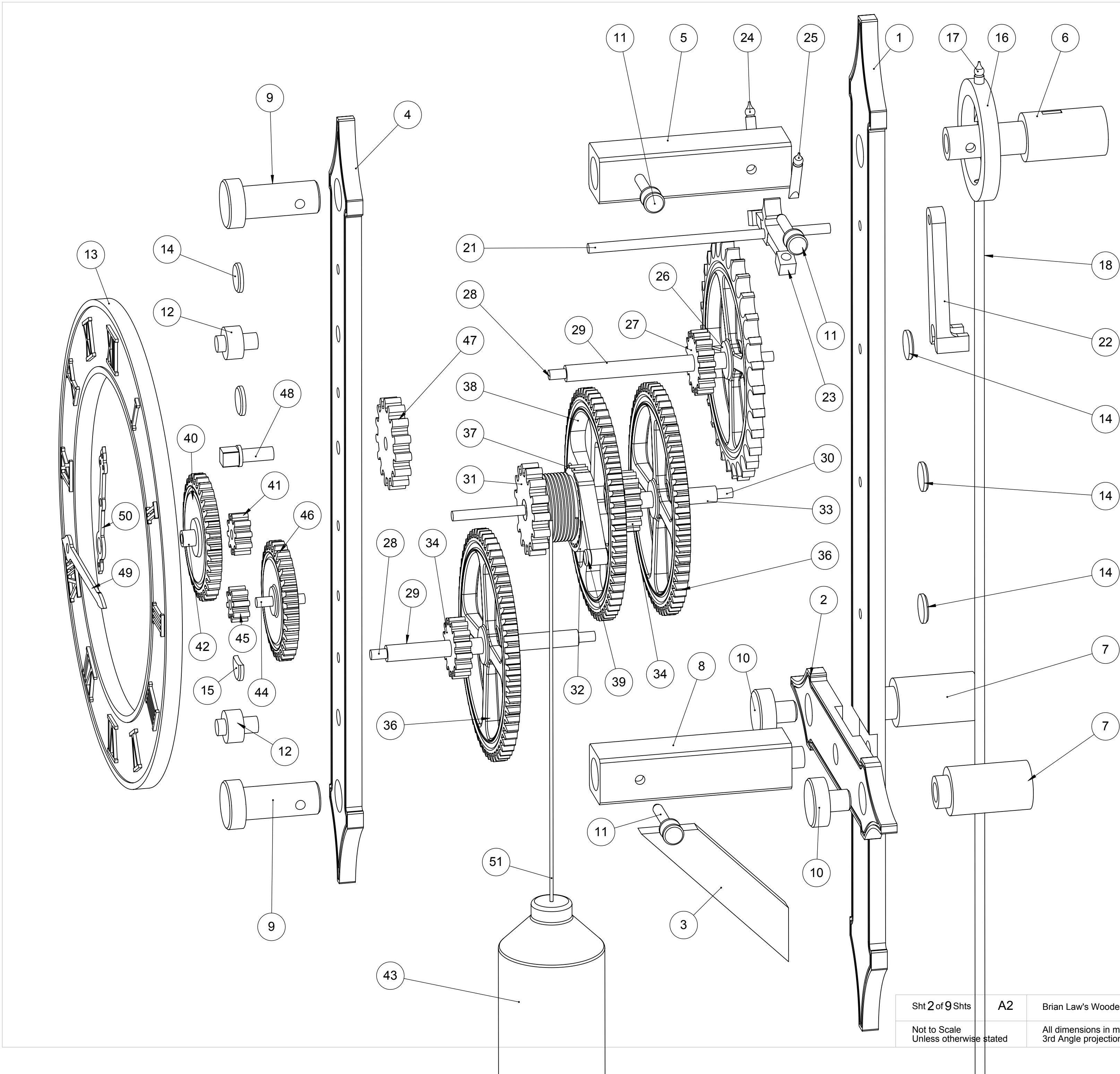
A2

Brian Law's Wooden Clock 1

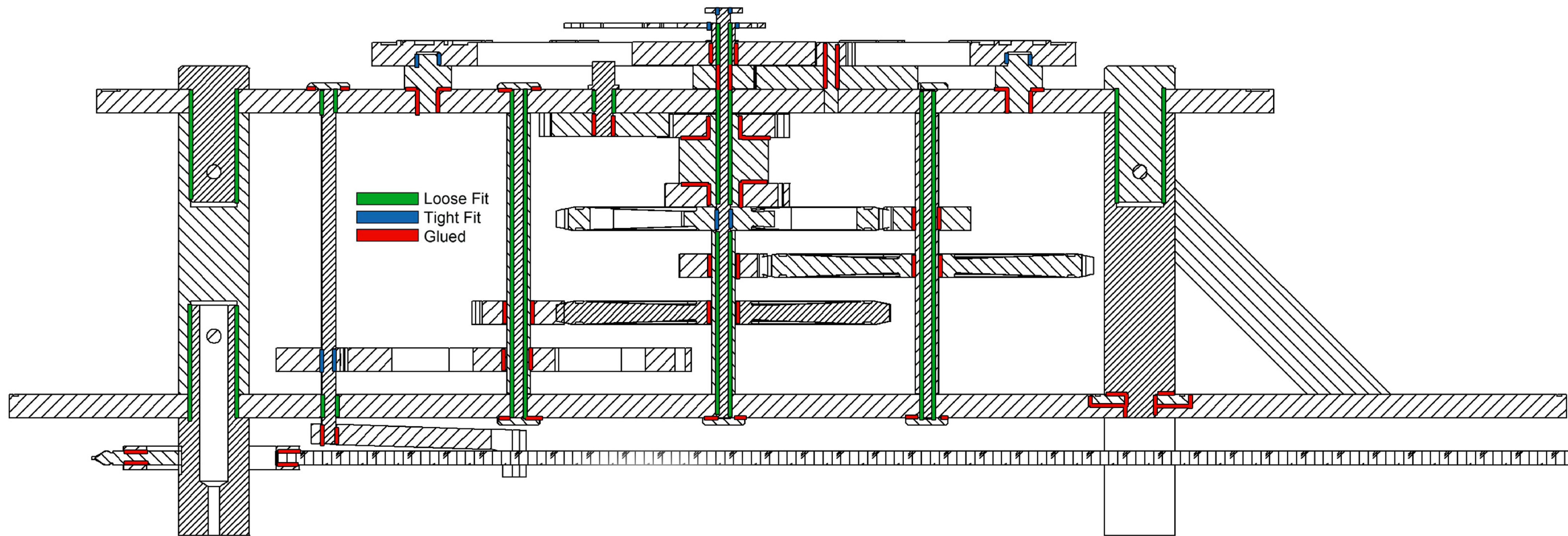
Not to Scale
Unless otherwise stated

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

Designed by: Brian law
www.woodenclocks.co.uk Jan 2014



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	back	Wood	1
2	cross	Wood	1
3	Angled brace	Wood	1
4	front	Wood	1
5	squarespacer top	Wood	1
6	Pendulum hanger	Wood	1
7	Wall spacer	Wood	2
8	squarespacer bottom	Wood	1
9	Front pin	Wood	2
10	cover pin	Wood	2
11	Securing pin	Wood	3
12	Dial spacer	Wood	2
13	Clock dial	Wood	1
14	Shaft cover	Wood	5
15	Shaft cover	Wood	1
16	Pendulum head	Wood	1
17	Pendulum pivot	Wood or Brass	1
18	Pendulum rod	Wood or Carbon Fibre	1
19	Pendulum bob	Wood	1
20	Pendulum nut	Wood or Brass	1
21	Shaft151	Brass	1
22	yoke	Wood	1
23	escape	Wood	1
24	Pallet2	Wood	1
25	Pallet1	Wood	1
26	Timing	Wood	1
27	16teeth	Wood	1
28	Shaft140	Brass	2
29	Sleeve119	Wood or Perspex tube	2
30	Shaft175	Brass	1
31	15teeth 1.5	Wood	1
32	Pawl	Wood	1
33	Sleeve70	Wood or Perspex tube	1
34	15teeth	Wood	2
35	drum	Wood	1
36	60teeth	Wood	2
37	Ratchet	Wood	1
38	60teeth	Wood	1
39	Pawl pin	Wood	1
40	32teeth	Wood	1
41	10teeth	Wood	1
42	sleeve18	Wood or Perspex tube	1
43	Weight	To suit	1
44	shaft30	Brass	1
45	8teeth	Wood	1
46	30teeth	Wood	1
47	15teeth 1.5	Wood	1
48	Key shaft	Wood	1
49	Minute hand	Plastic	1
50	Hour hand	Plastic	1
51	rope	Cord 1.2mm	1



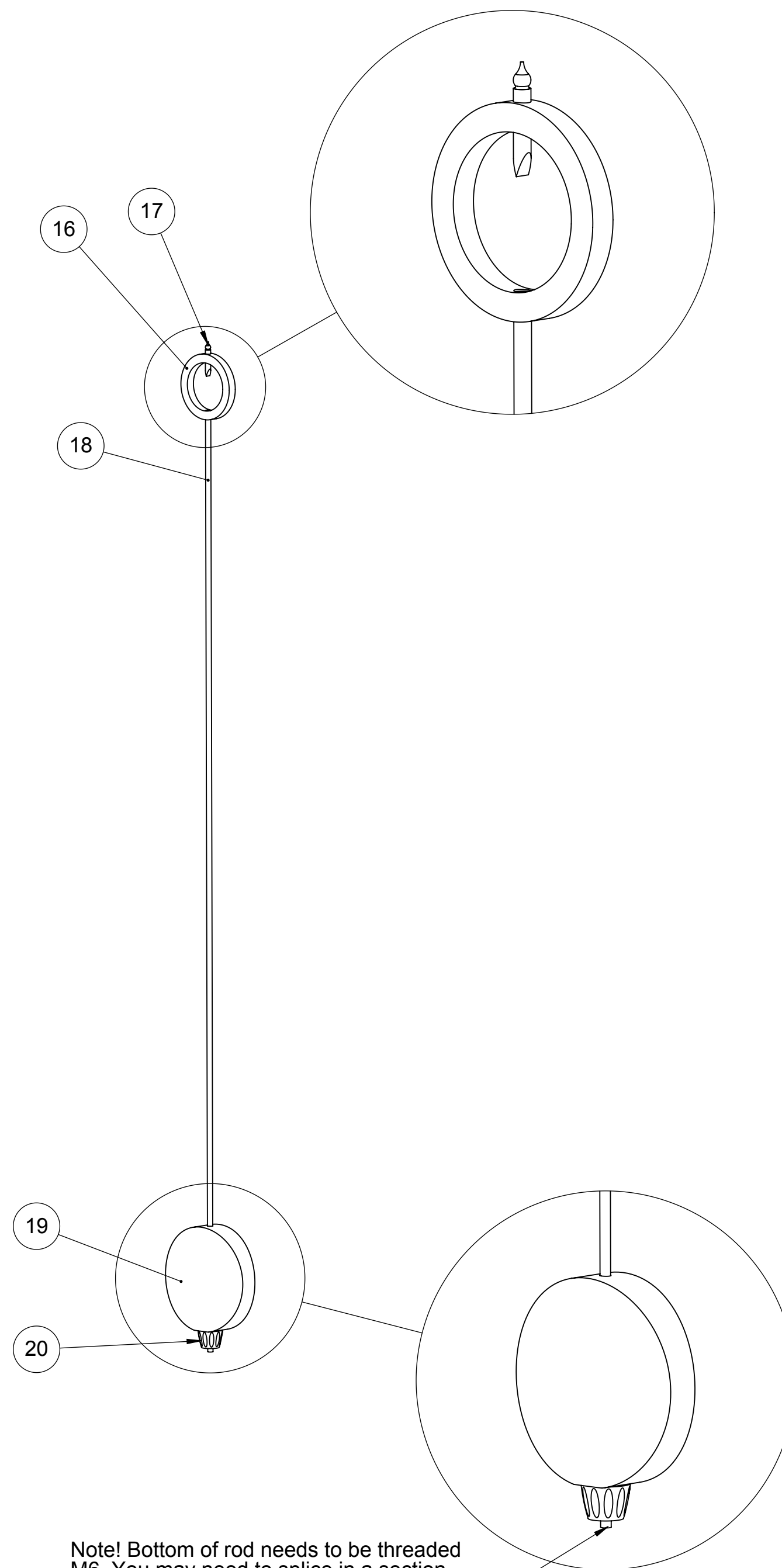
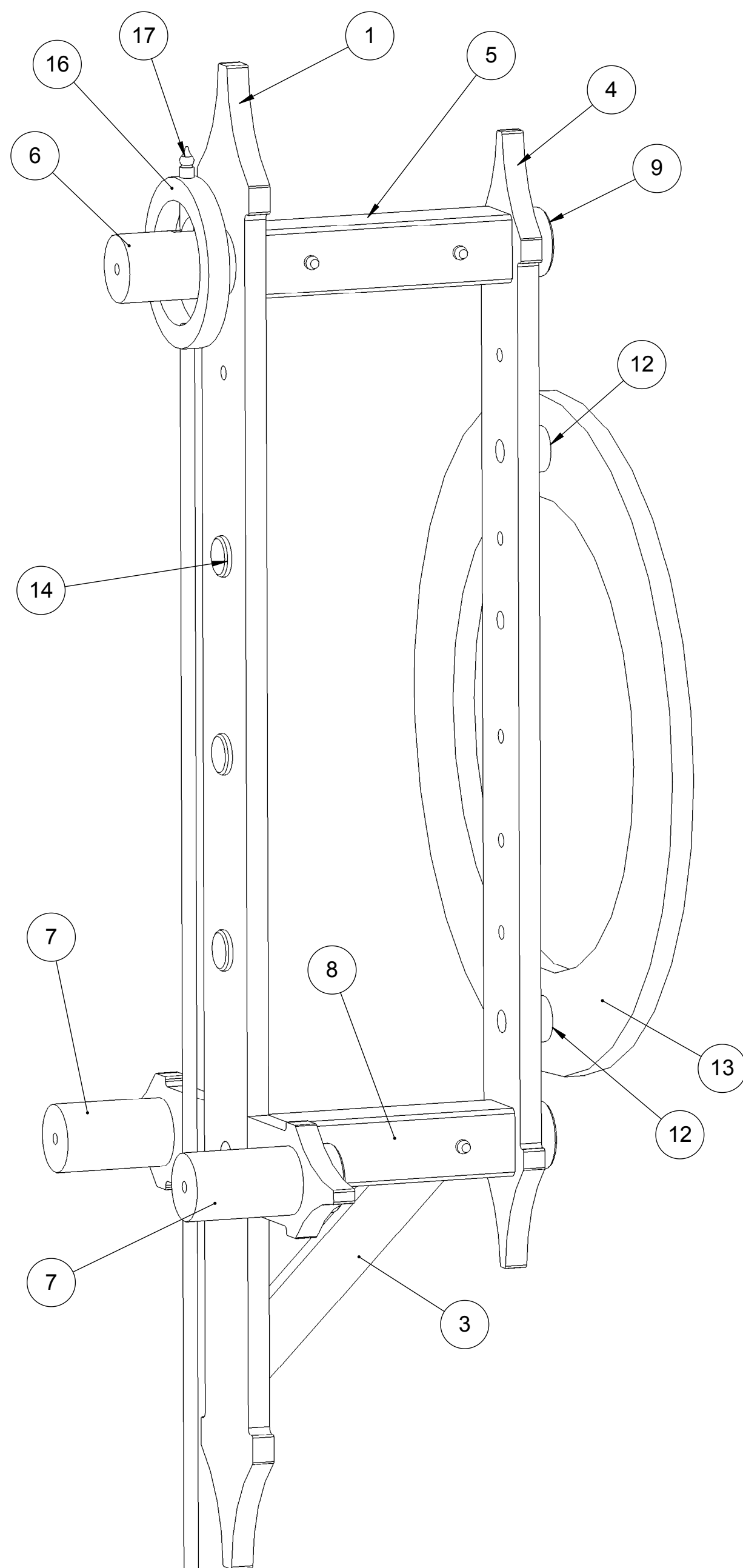
Sht 3 of 9 Shts A2

Brian Law's Wooden Clock 1

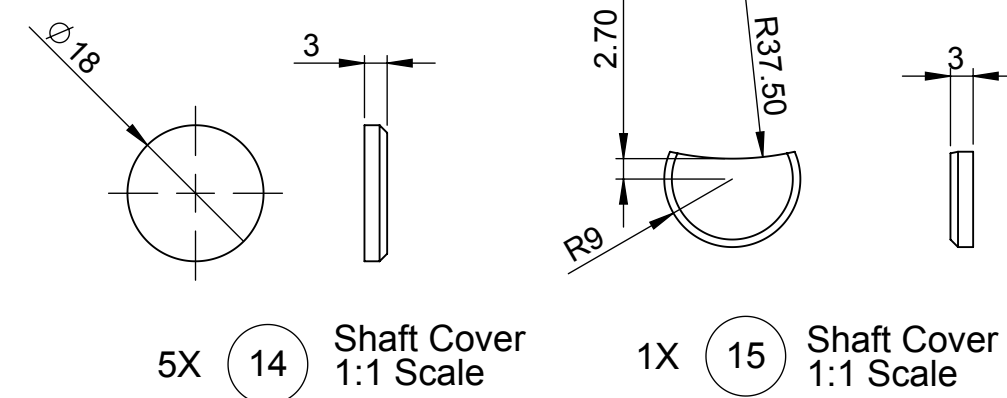
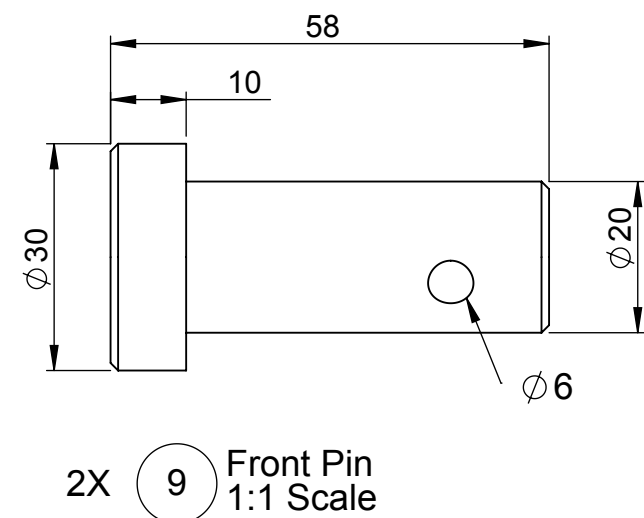
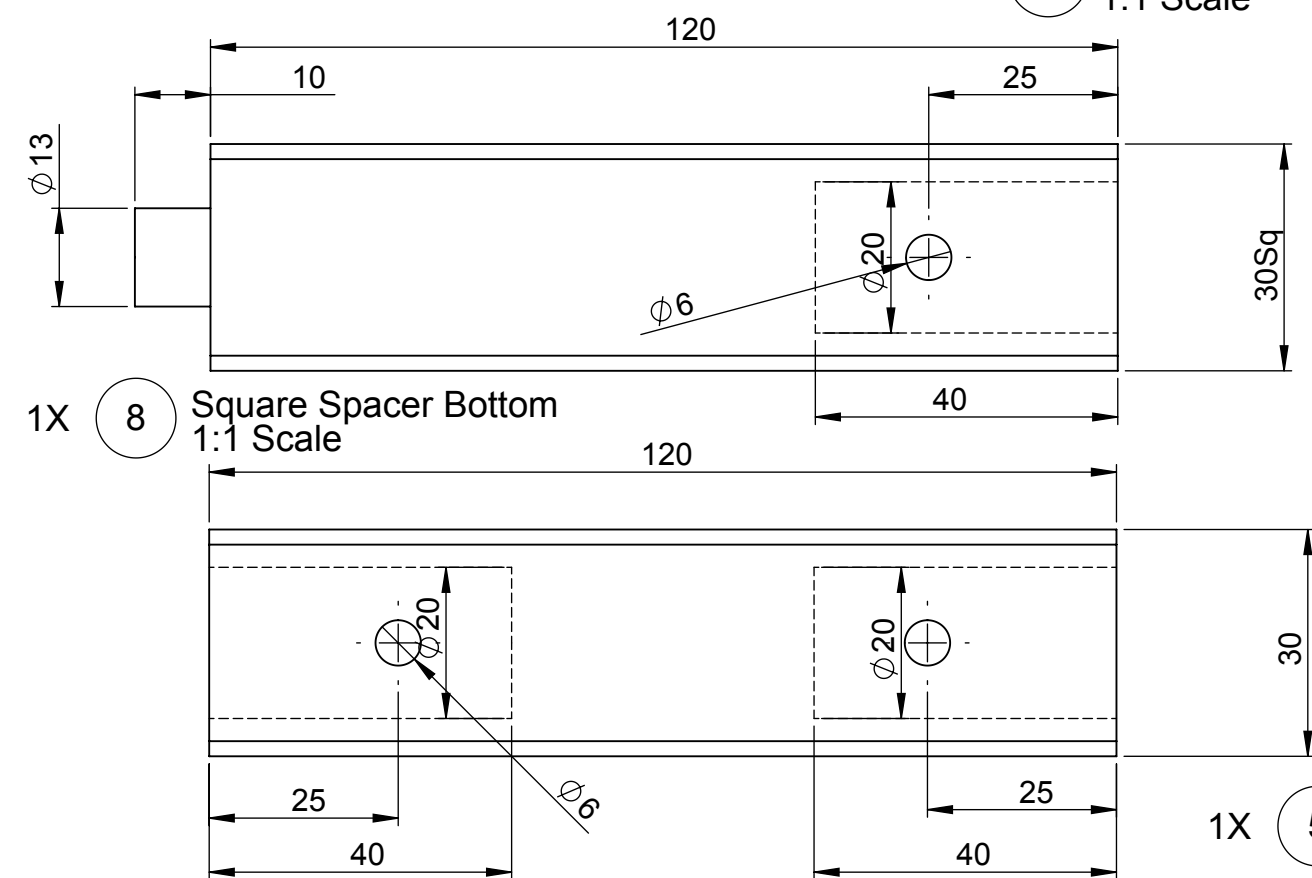
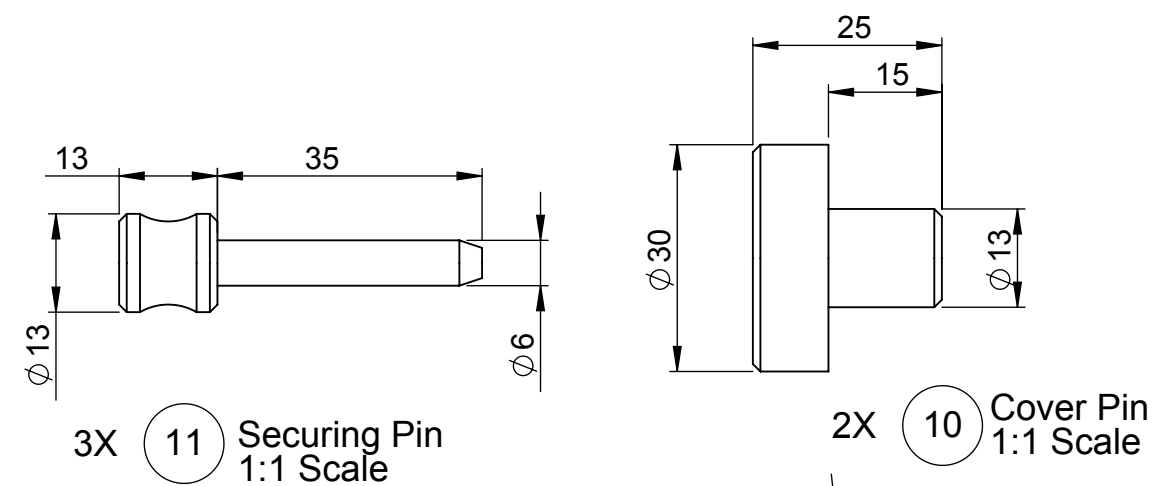
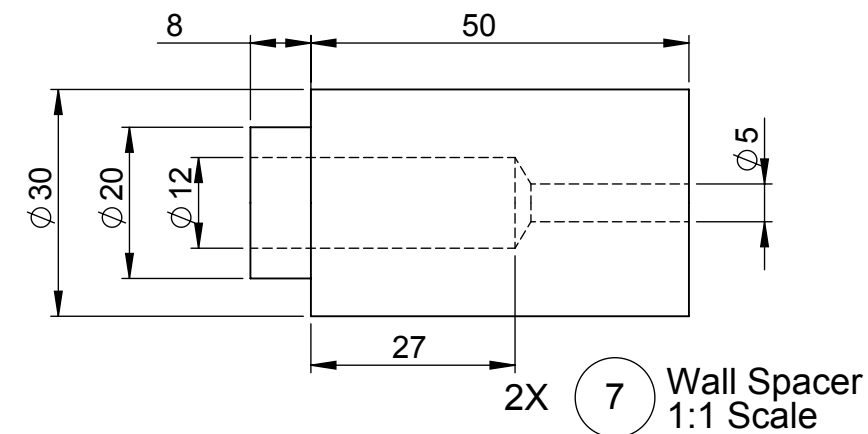
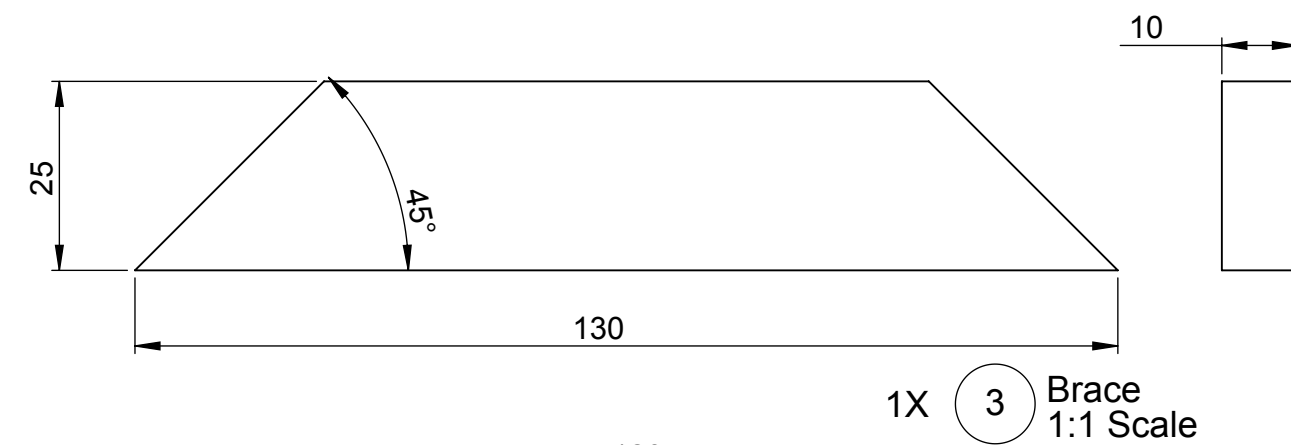
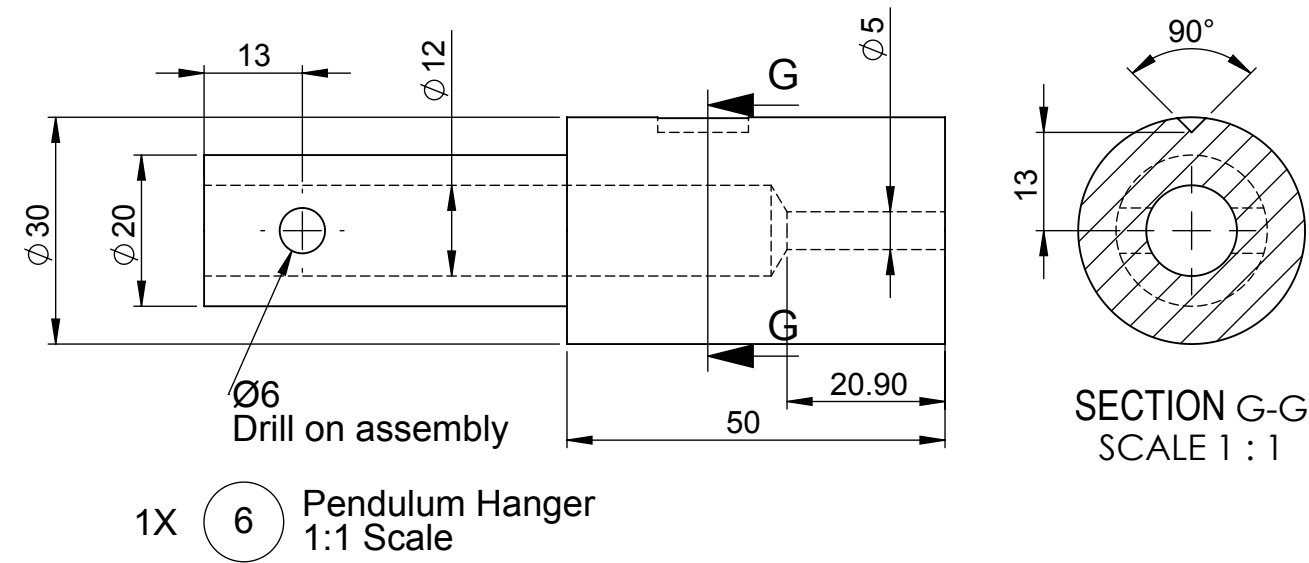
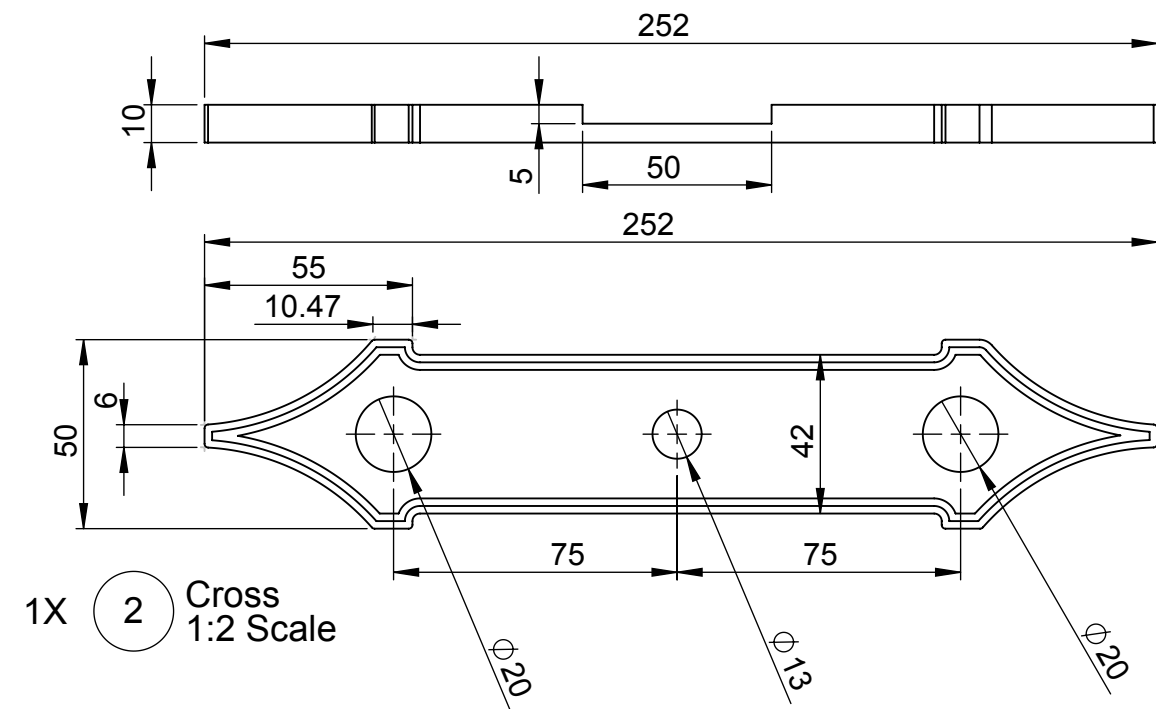
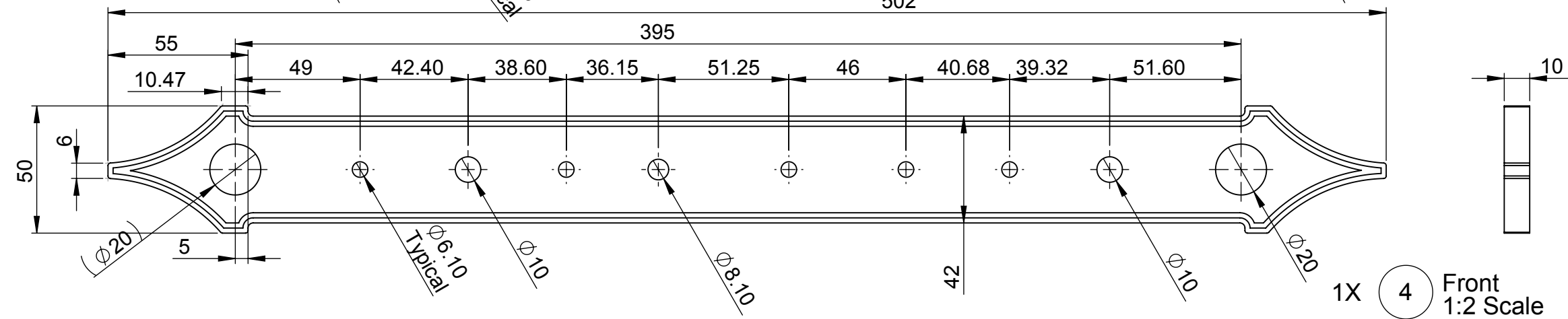
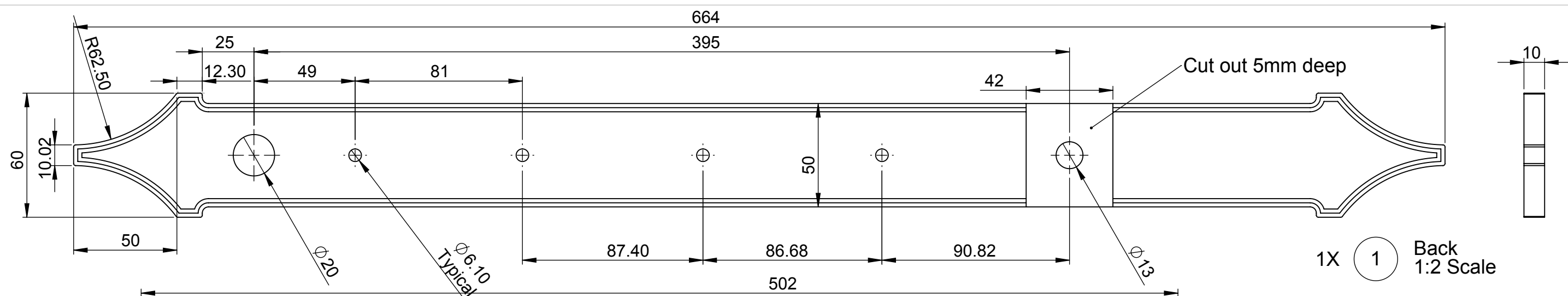
Not to Scale
Unless otherwise stated

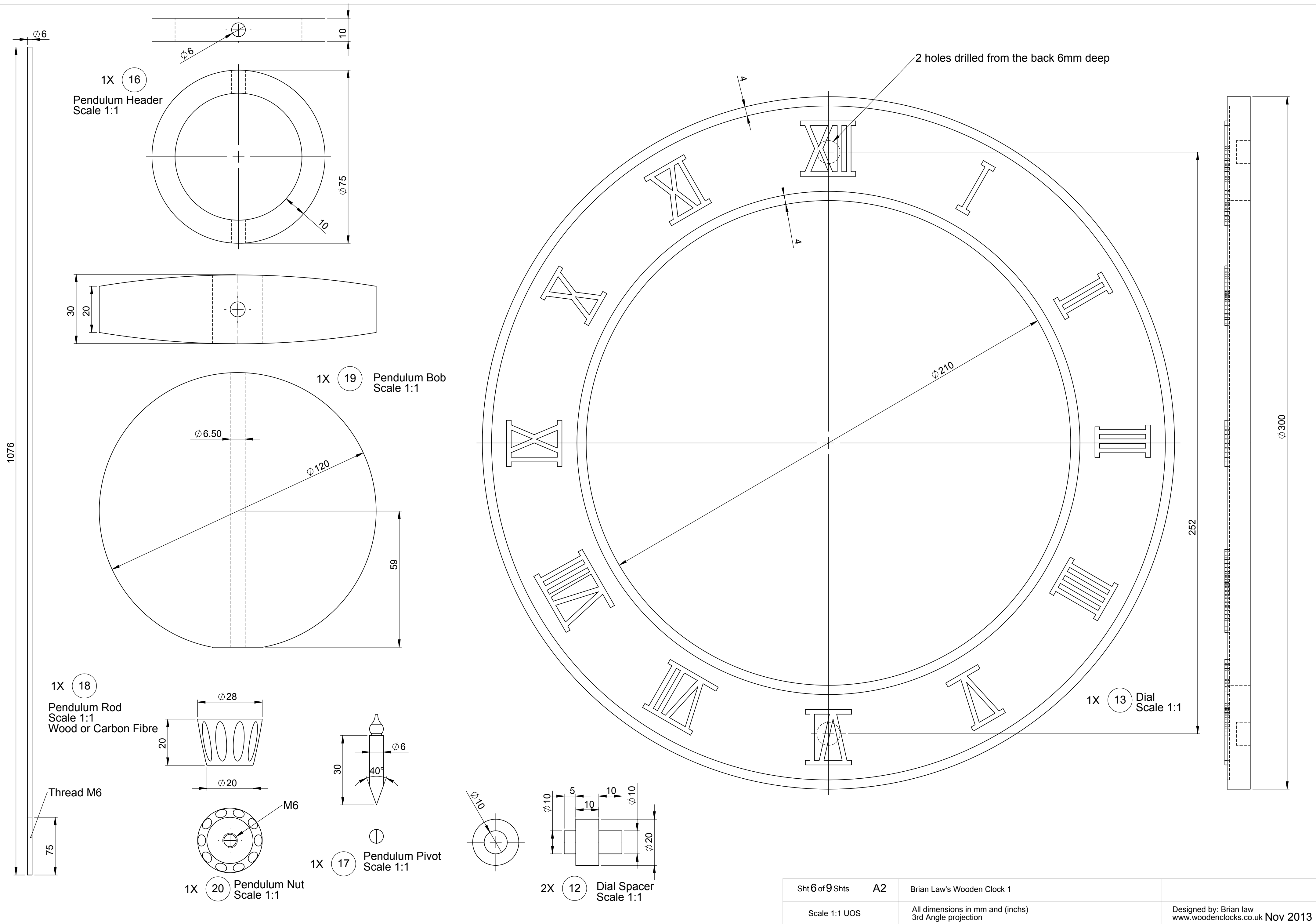
All dimensions in mm and (inches)
3rd Angle projection

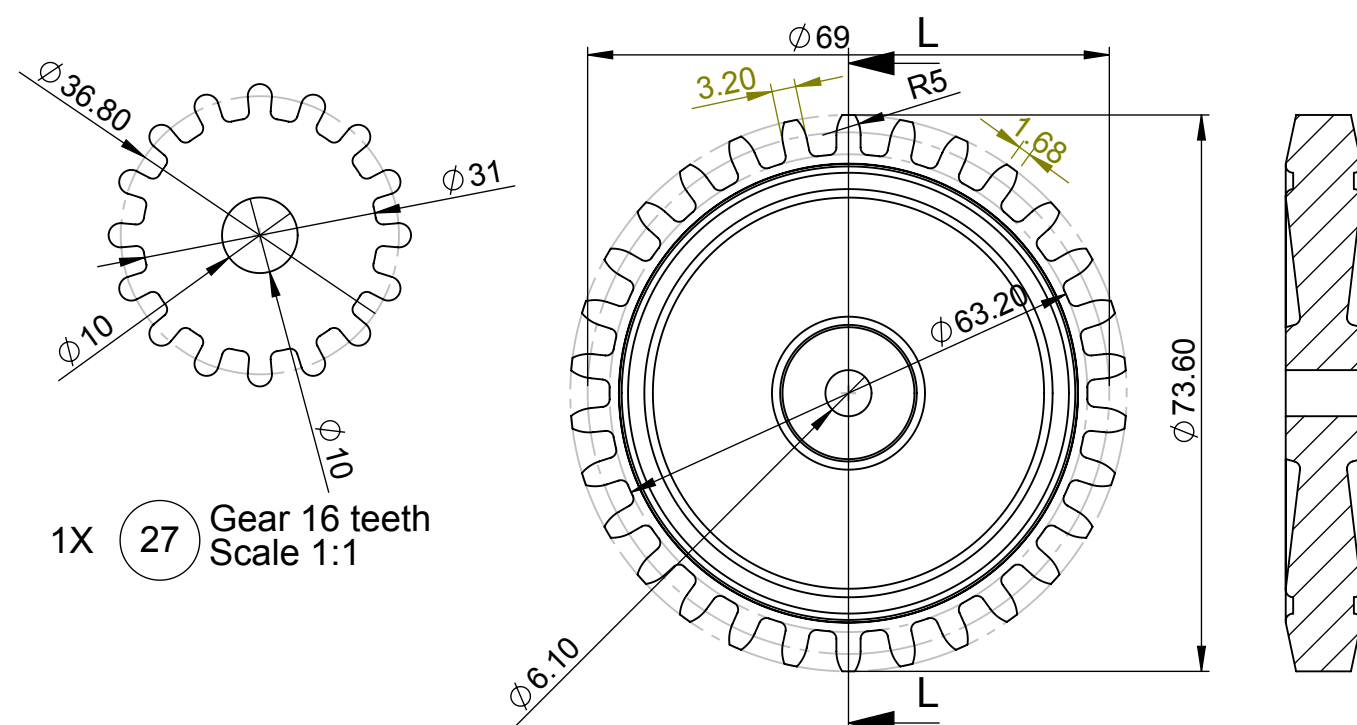
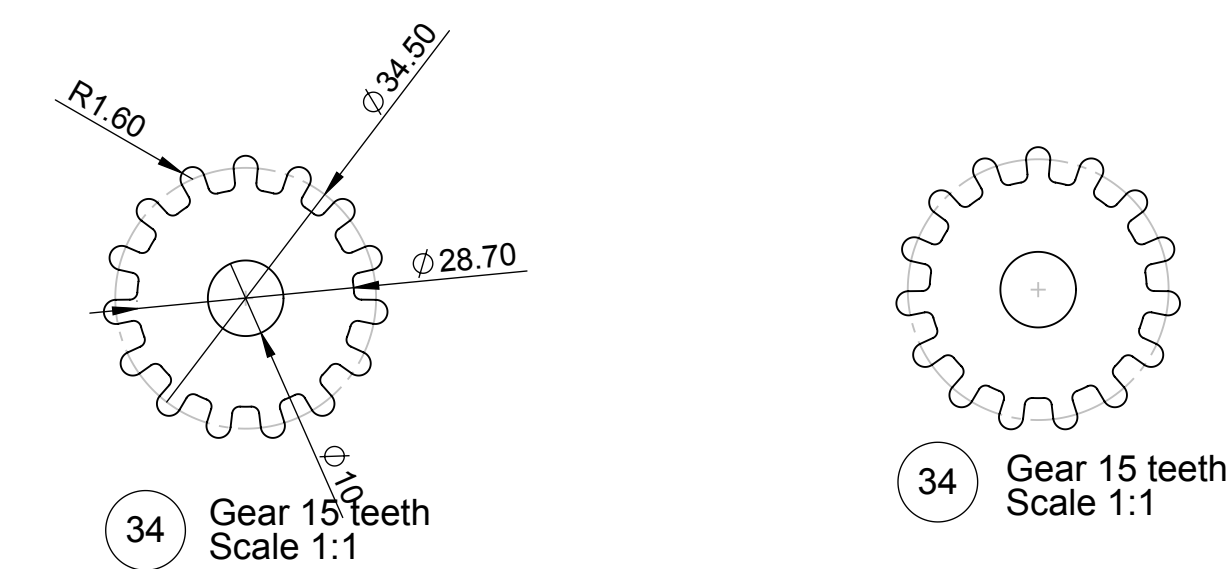
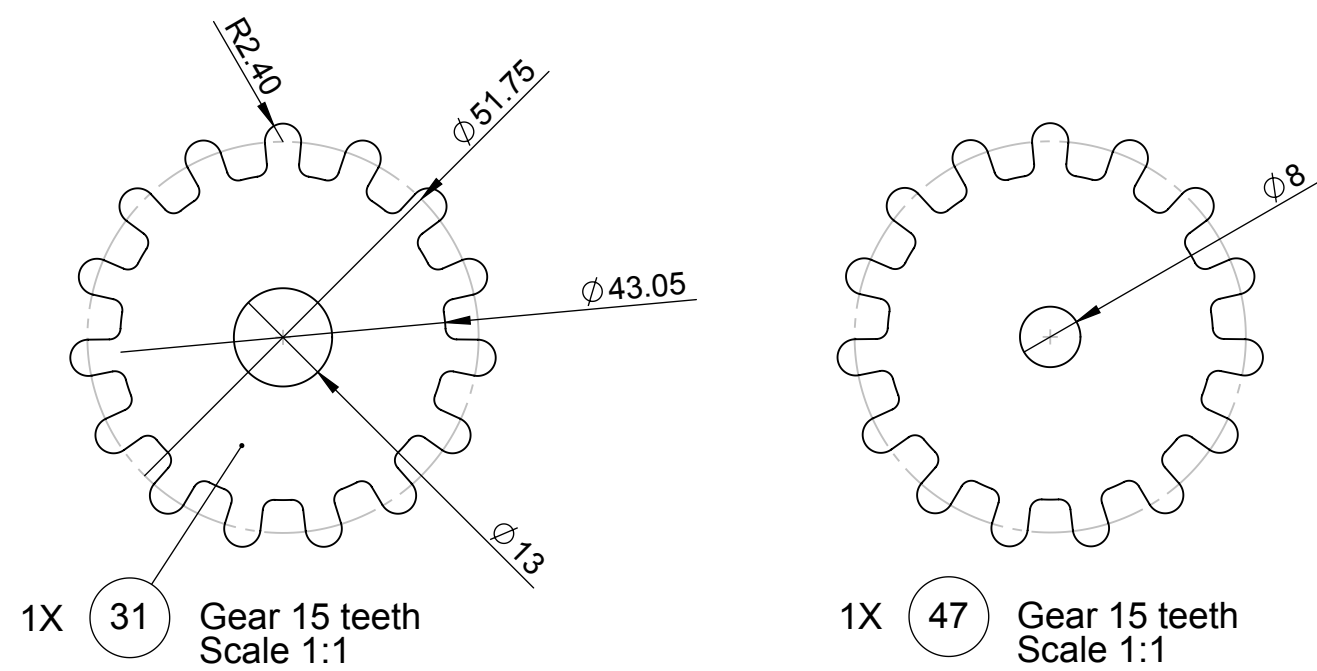
Designed by: Brian law
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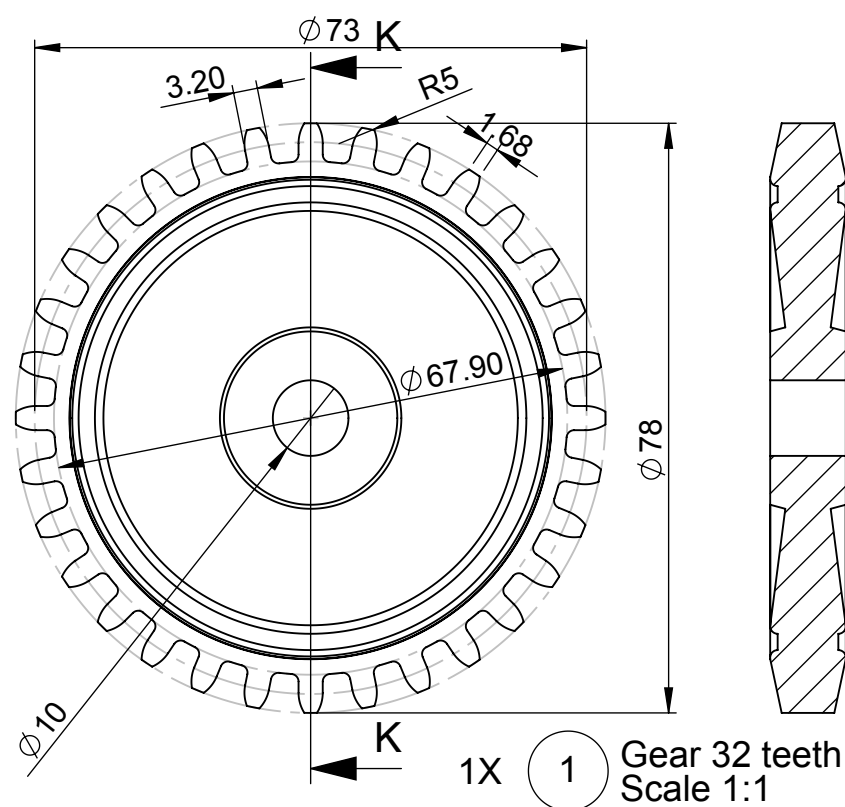
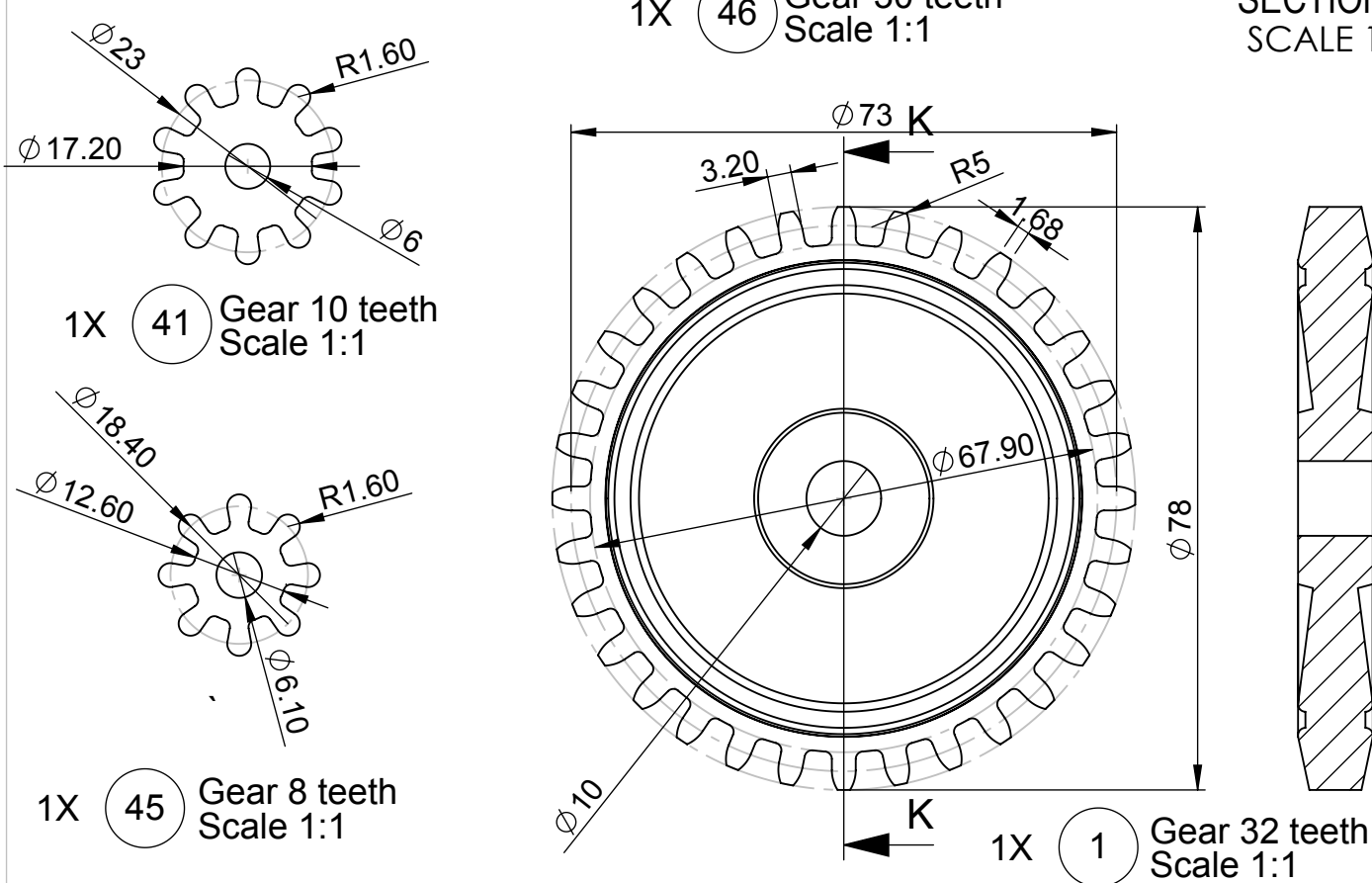
Note! Bottom of rod needs to be threaded M6. You may need to splice in a section of Brass to the bottom of the rod to do this. Still keep the overall length the same.



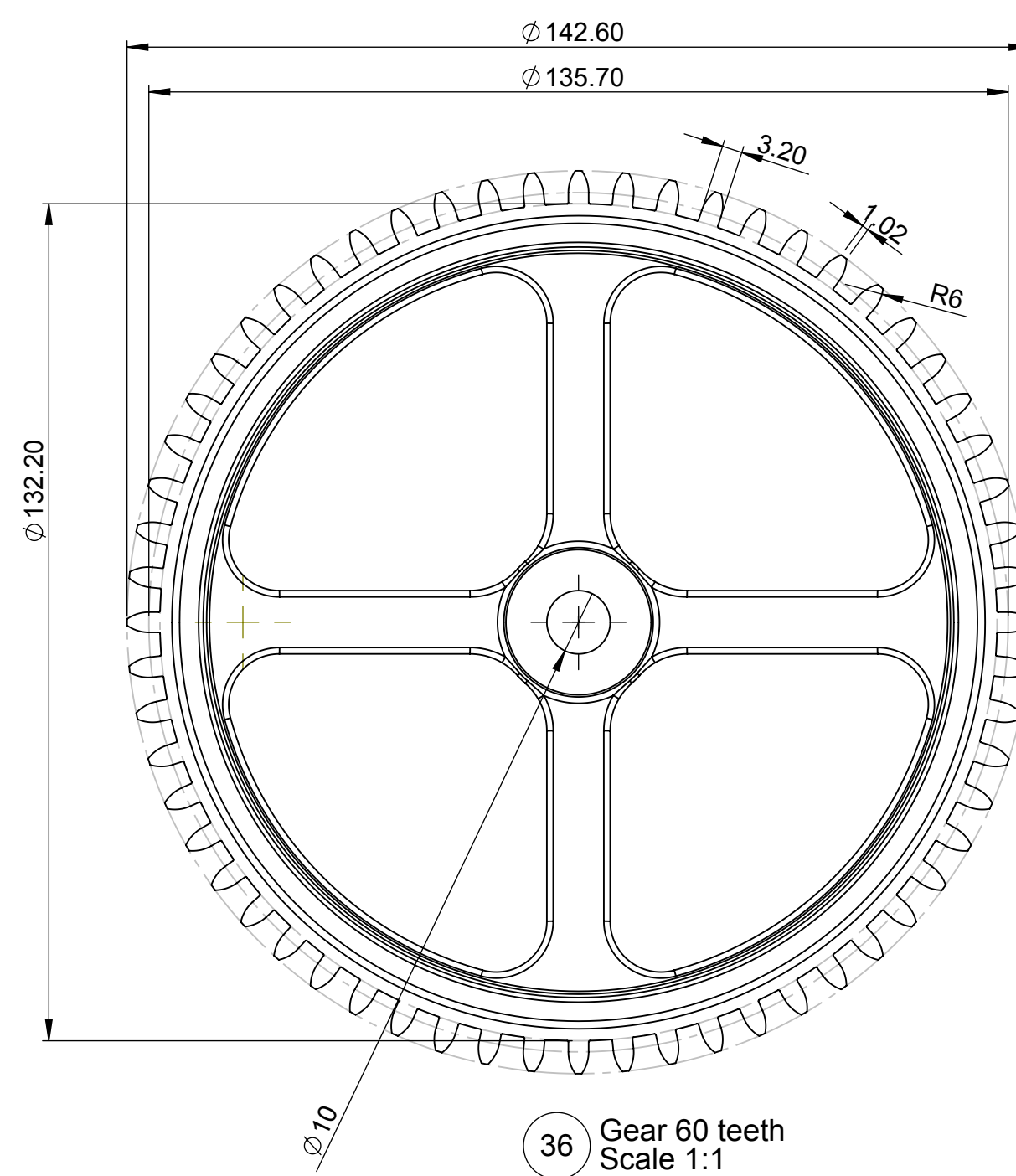




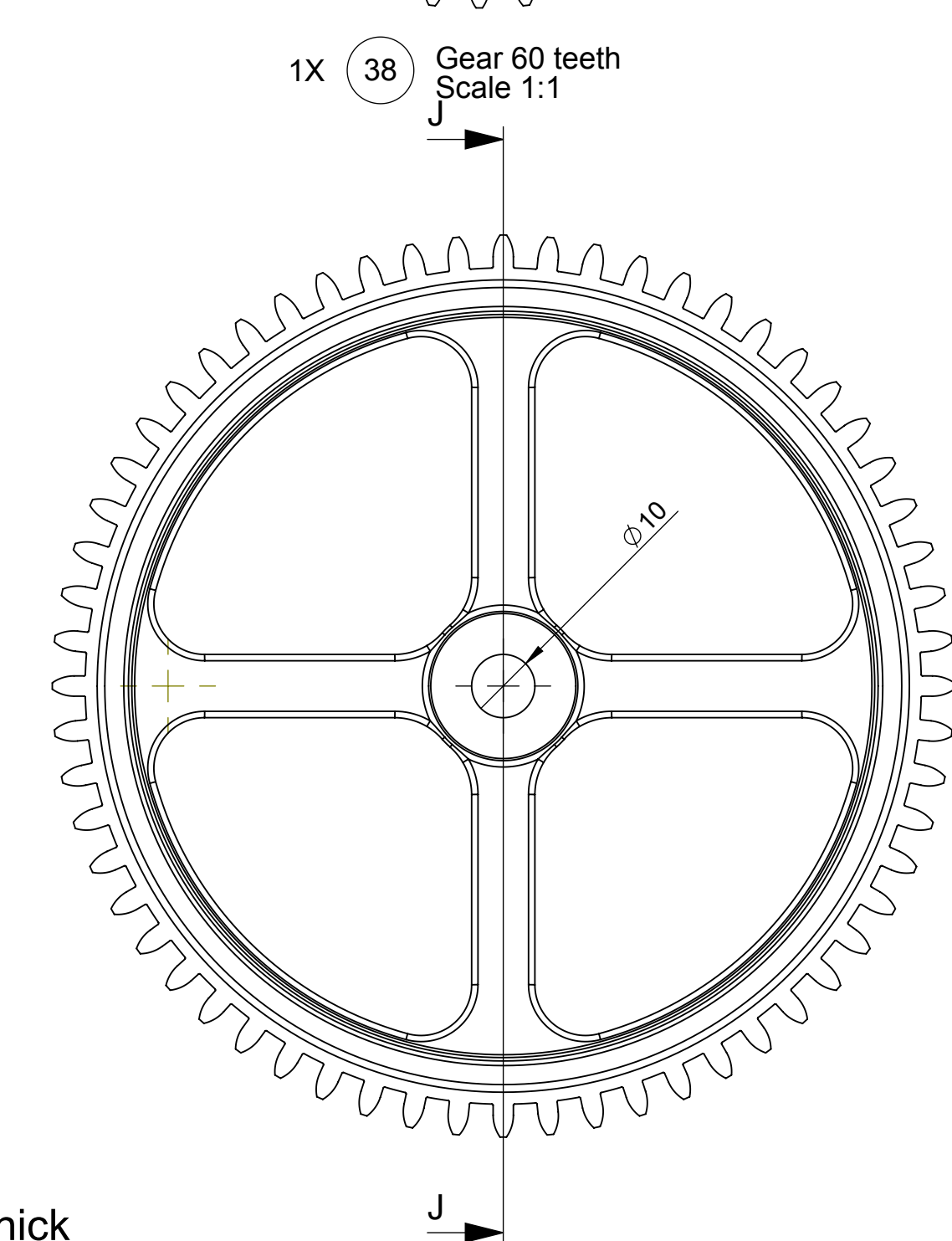
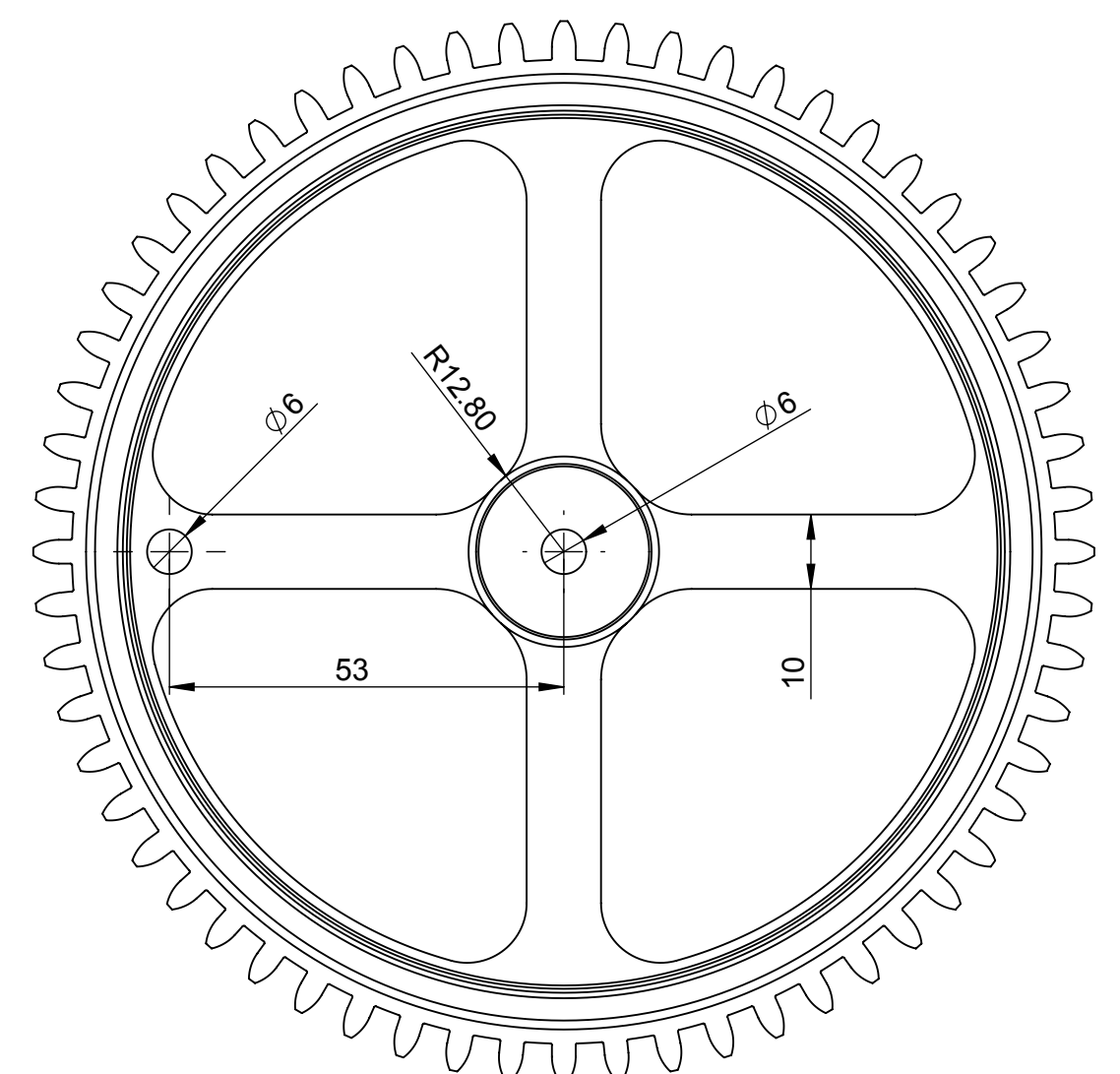
SECTION L-L
SCALE 1 : 1



SECTION K-K
SCALE 1 : 1

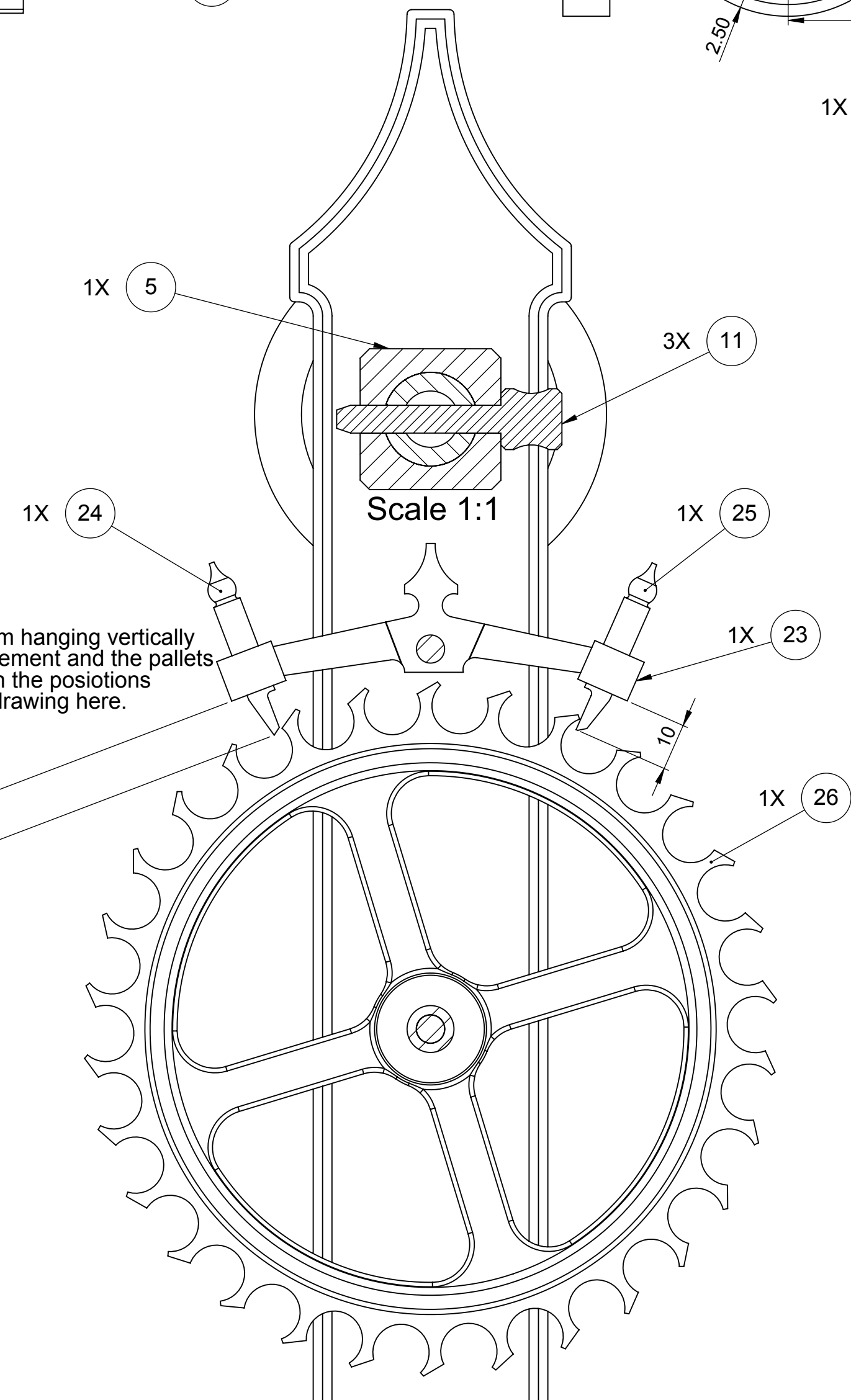
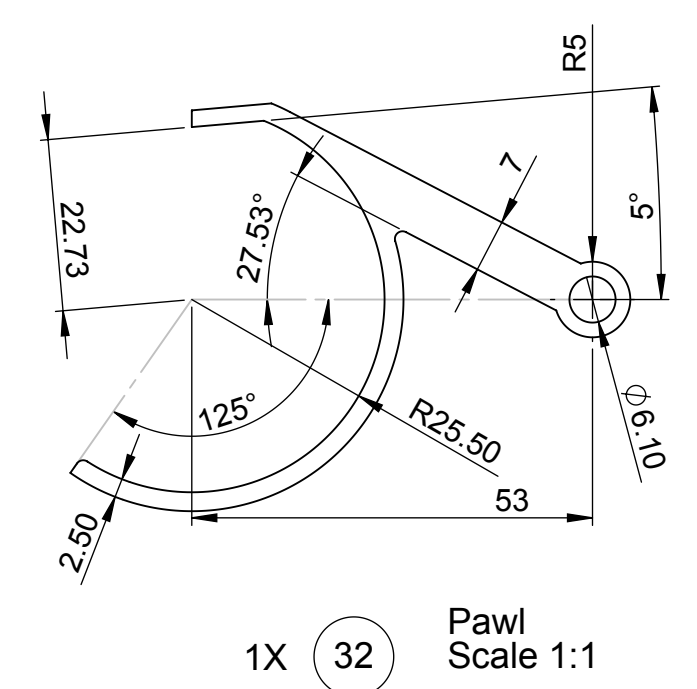
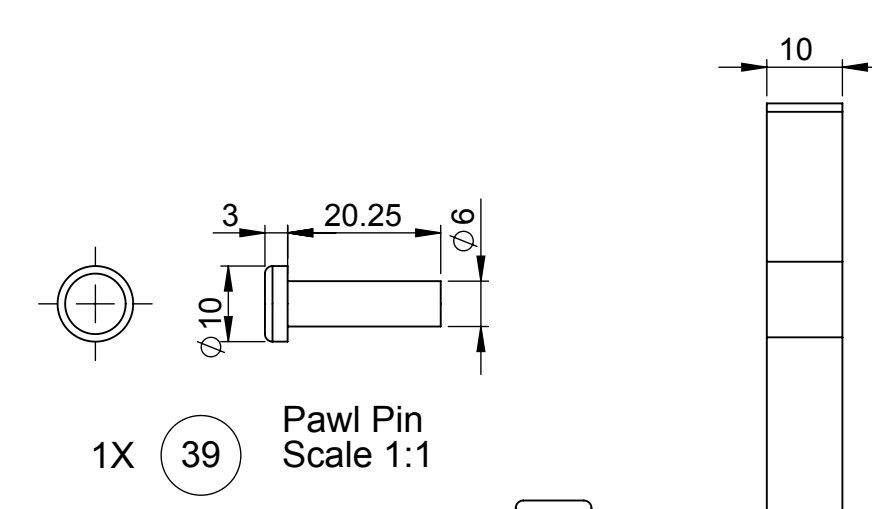
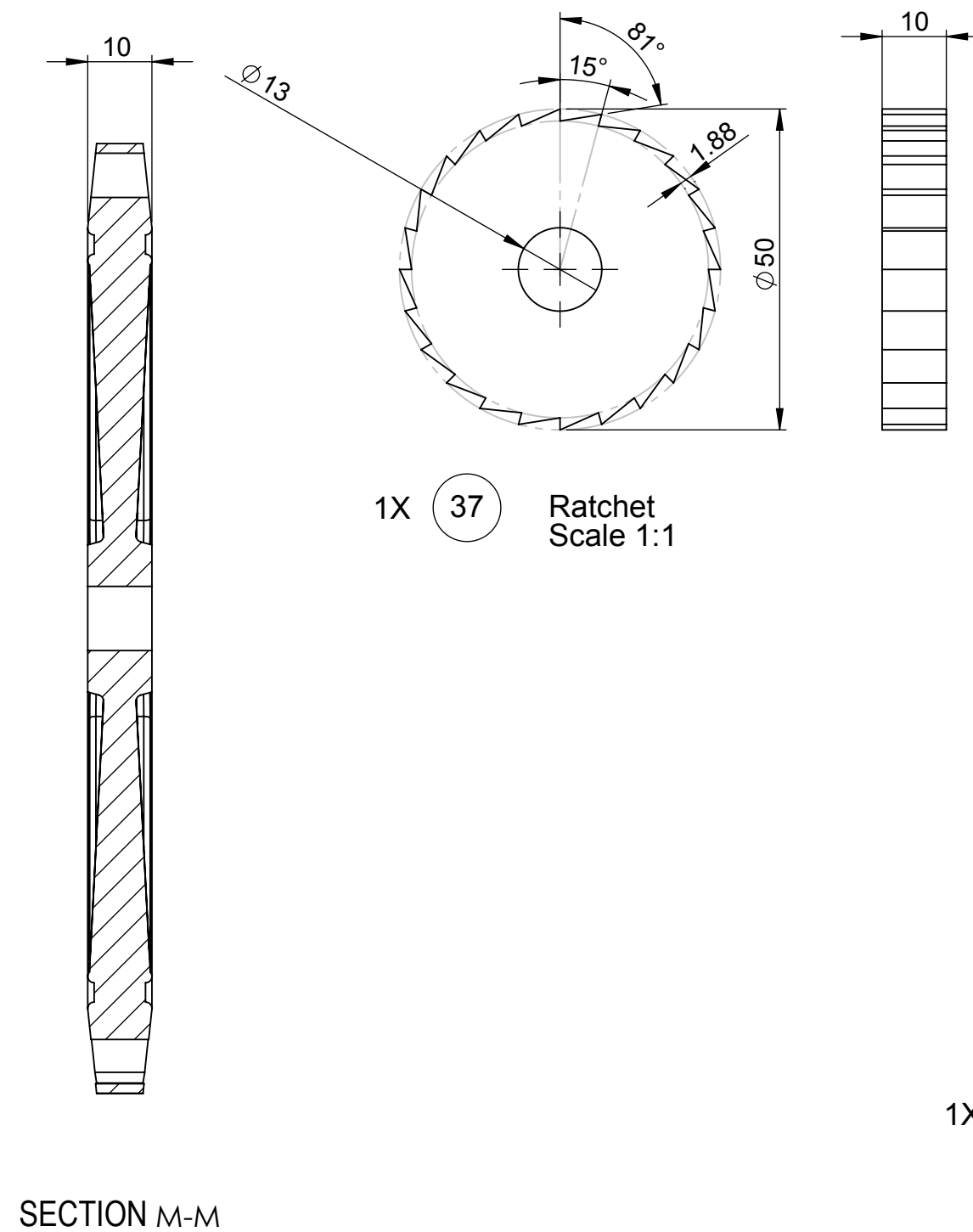
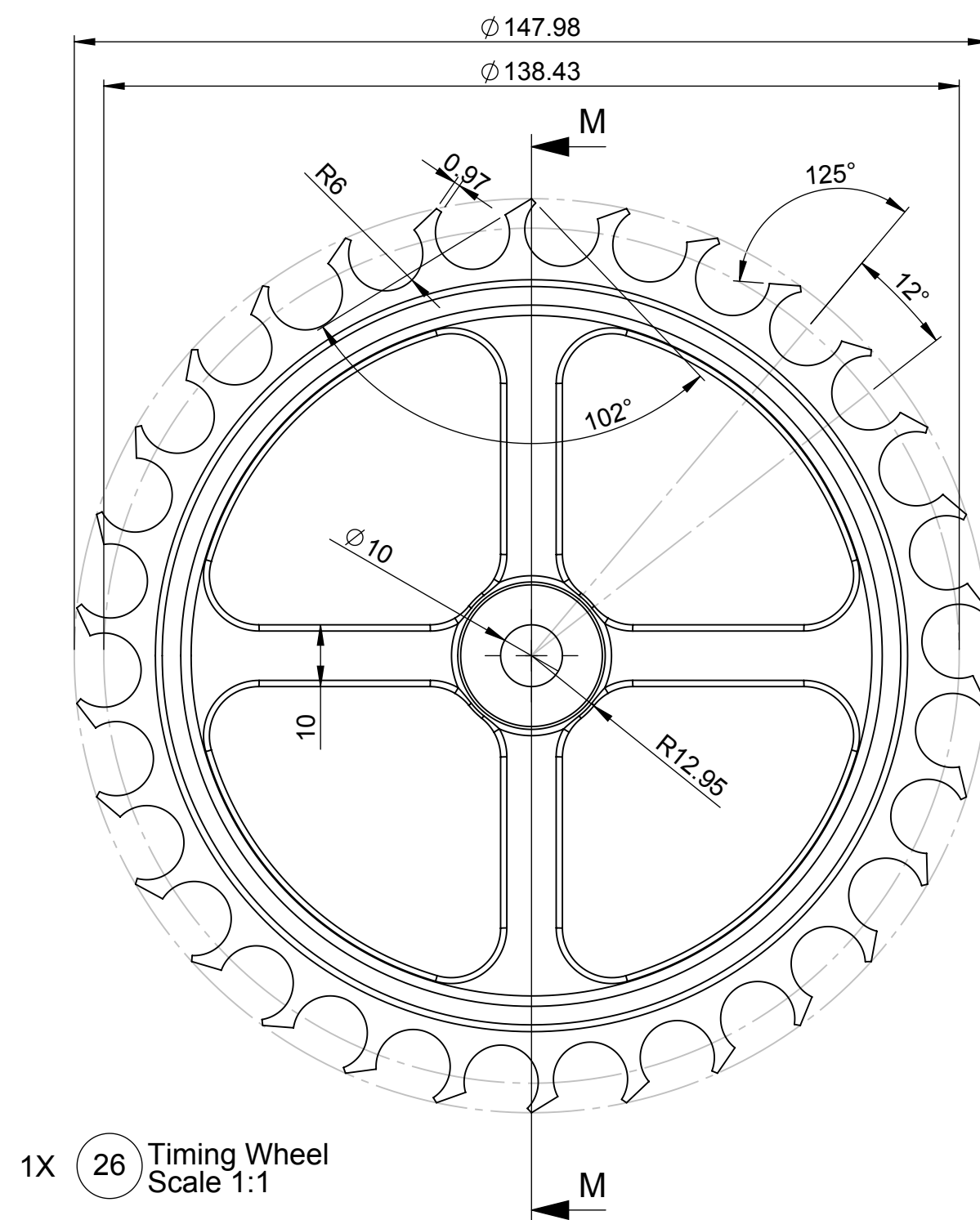


SECTION J-J
SCALE 1 : 1

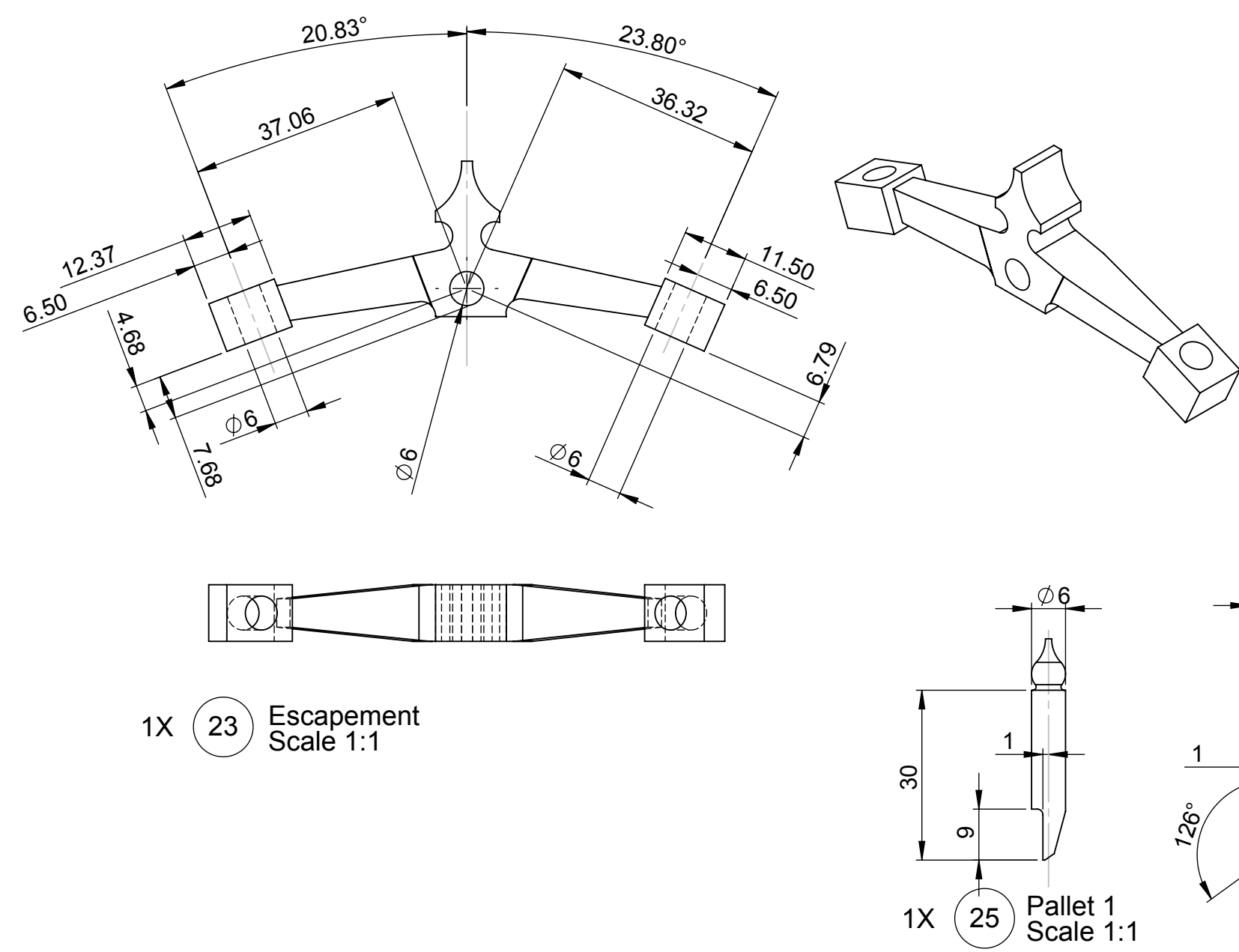


All gears 10mm thick
Profile of the gear faces
where shown is optional

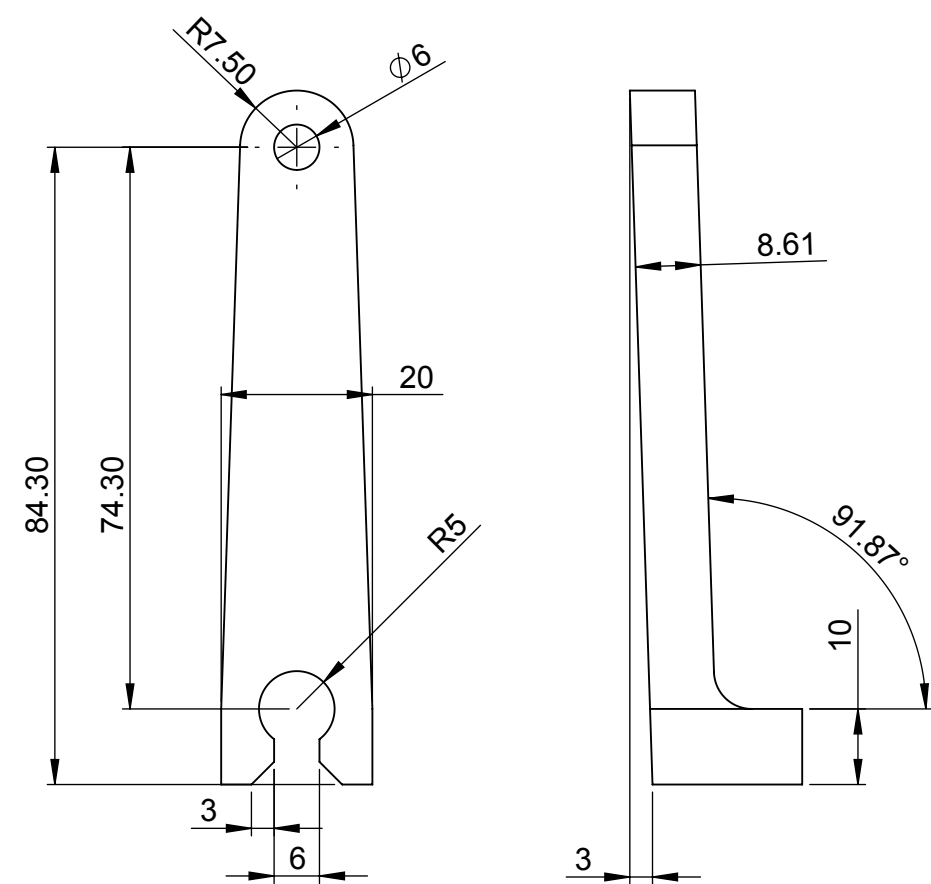
Sht 7 of 9 Shts	A2	Brian Law's Wooden Clock 1	
Scale 1:1 UOS		All dimensions in mm and (inches) 3rd Angle projection	Designed by: Brian law www.woodenclocks.co.uk Nov 2013



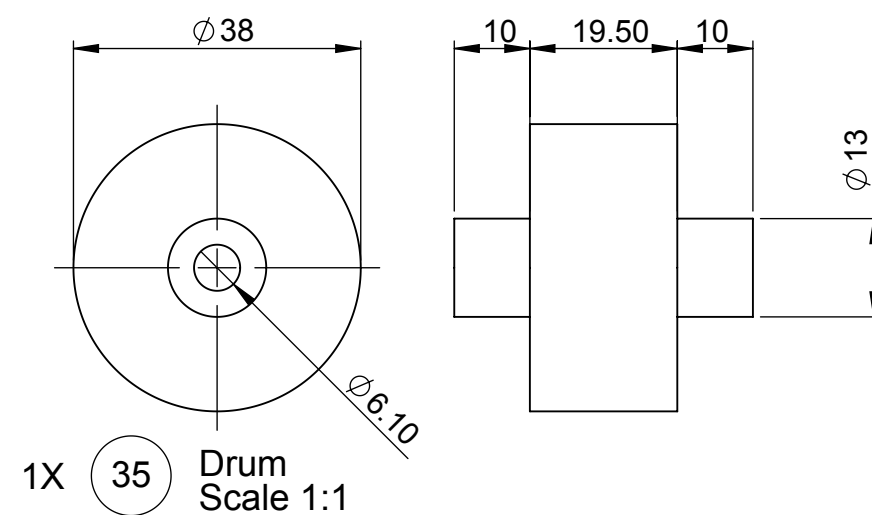
With the pendulum hanging vertically
Set up the Escapement and the pallets
so that they are in the positions
indicated by the drawing here.



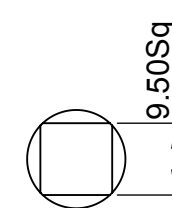
Sht 8 of 9 Shts	A2	Brian Law's Wooden Clock 1	
Scale 1:1 UOS		All dimensions in mm and (inches) 3rd Angle projection	Designed by: Brian law www.woodenclocks.co.uk Nov 2013



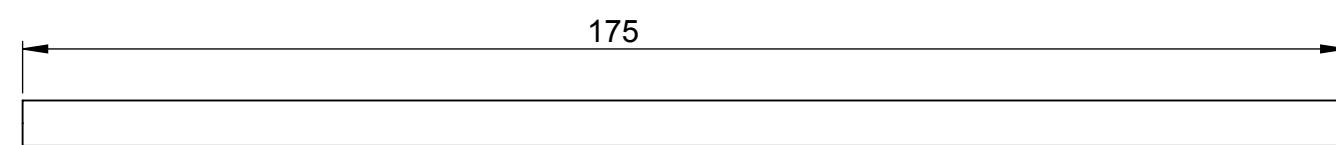
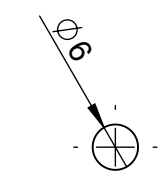
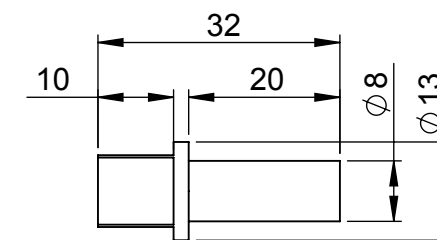
1X (22) Yoke
Scale 1:1



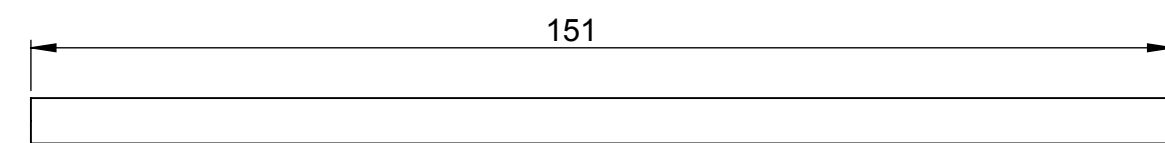
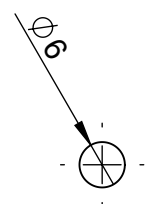
1X (35) Drum
Scale 1:1



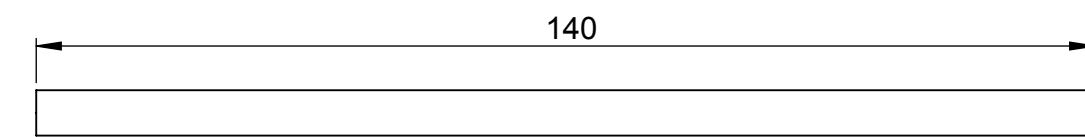
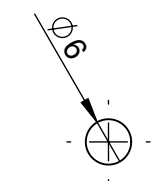
1X (48) Key Shaft
Scale 1:1



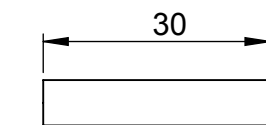
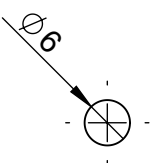
1X (30) Shaft 175
Scale 1:1
Brass



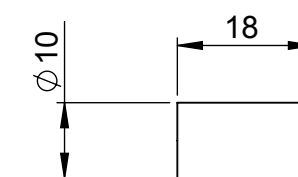
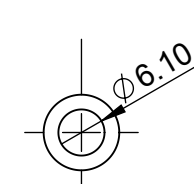
1X (21) Shaft 151
Scale 1:1
Brass



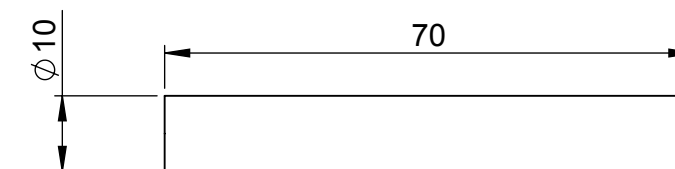
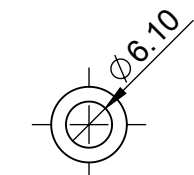
2X (28) Shaft 140
Scale 1:1
Brass



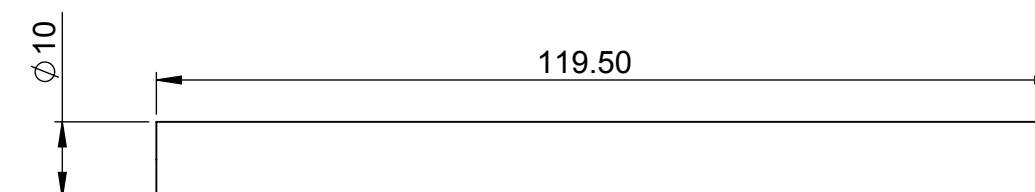
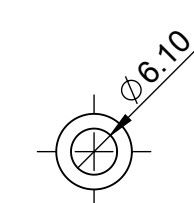
1X (44) Shaft 30
Scale 1:1
Brass



1X (42) Sleeve 18
Scale 1:1
Wood



1X (33) Sleeve 70
Scale 1:1
Wood



2X (29) Sleeve 119
Scale 1:1
wood

Note! Sleeves may be made in multiples of shorter parts if it proves difficult to drill the long holes