

Cal.	VD54C		
	$\phi$ 29.5	50 mm	
	H 3.9	)7 mm	
Itom	Vorsi	n No	
Item		on No.	
Specification - 1	Vers	on 2	
Specification - 1 Specification - 2	Vers Vers	on 2 on 1	
Specification - 1 Specification - 2 Appearance	Vers Vers Vers	on 2 on 1 on 1	
Specification - 1 Specification - 2 Appearance Casing	Vers Vers Vers Vers Vers	on 2 on 1 on 1 on 1	
Specification - 1 Specification - 2 Appearance Casing Hand Fitting	Vers Vers Vers Vers Vers Vers	on 2 on 1 on 1 on 1 on 2	
Specification - 1 Specification - 2 Appearance Casing Hand Fitting Hand Setting Stem	Vers Vers Vers Vers Vers Vers Vers	on 2 on 1 on 1 on 1 on 2 on 1	
Specification - 1 Specification - 2 Appearance Casing Hand Fitting Hand Setting Stem Dial - 1	Vers Vers Vers Vers Vers Vers Vers	on 2 on 1 on 1 on 1 on 2 on 1 on 1	
Specification - 1 Specification - 2 Appearance Casing Hand Fitting Hand Setting Stem	Vers Vers Vers Vers Vers Vers Vers	on 2 on 1 on 1 on 2 on 2 on 1 on 1 on 1	



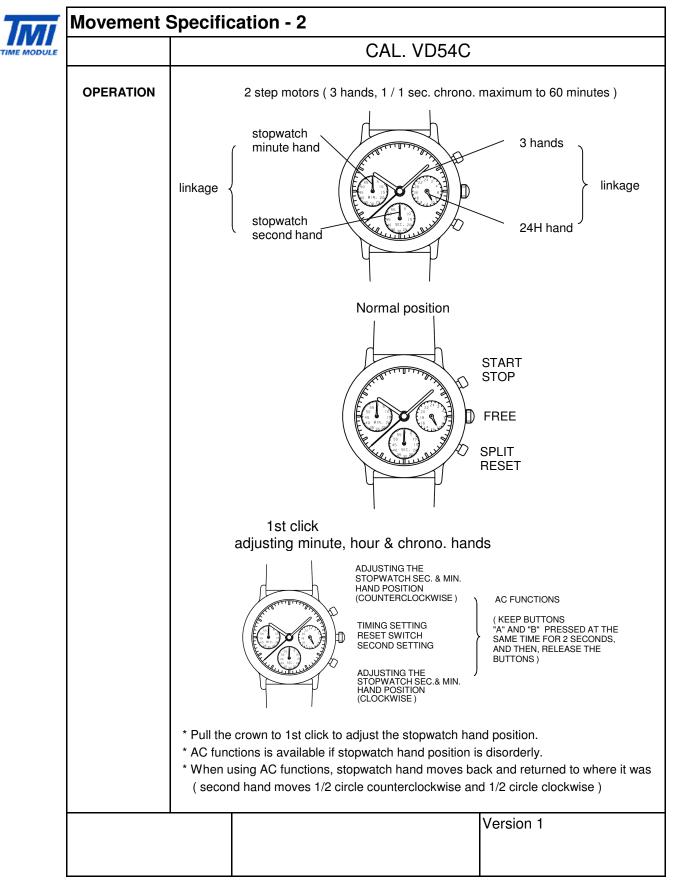
#### **MOVEMENT SPECIFICATION - 1**

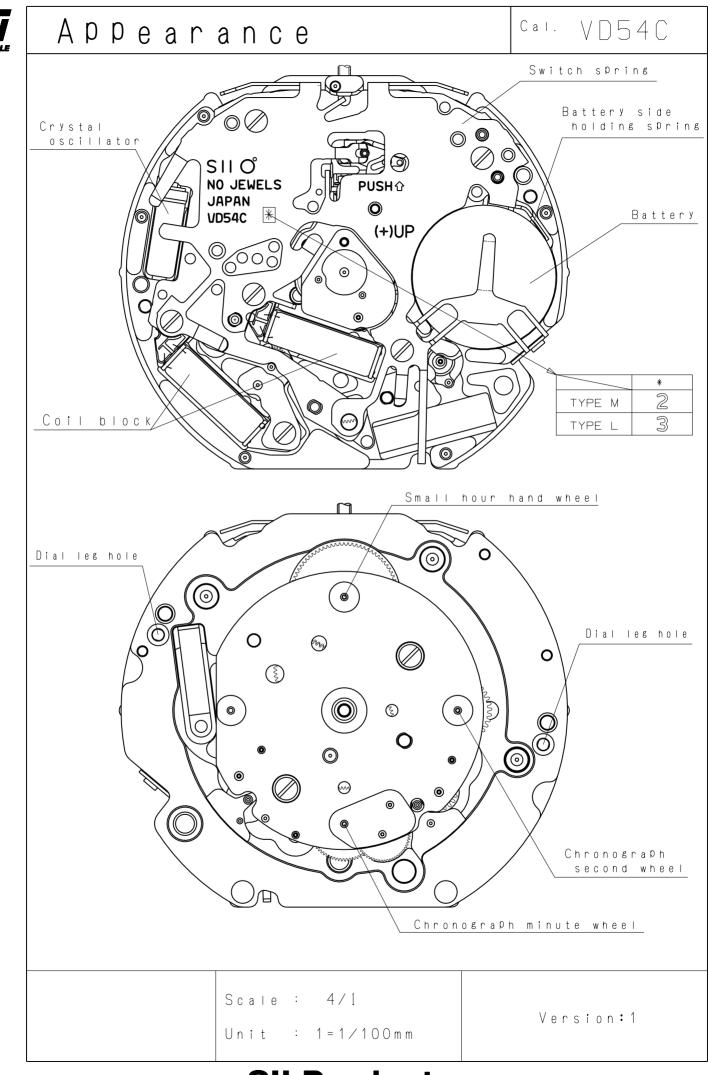
#### CAL.VD54C 12 3 / 4 Ligne Quartz Movement Three Hands with 3 Eyes ( Minute, 1 / 1 Second Chronograph & 24H Indicator )

#### 1. MOVEMENT DIMENSIONS

Outside diameter     Casing diameter	$\phi$ 29.50mm (12H~6H) $\phi$ 28.80mm (12H~6H)	x 26.00mm (3H~9H)
Total height	3.97 mm	
<ul> <li>Dimensions of small hands away from center</li> </ul>	7.50 mm	
2. TIME STANDARD		
<ul> <li>Type of quartz oscillator</li> </ul>	Tuning fork	
<ul> <li>Frequency of quartz oscillator</li> </ul>	32,768 Hz	
Accuracy	Monthly rate: Less than 20 seconds per month at	
	normal temperature range	
Regulation device	Nil	
<ul> <li>Regulation hands unbalance</li> </ul>	Second	: Less than 0.09 µN·m ( 9mg·mm )
	Minute	: Less than 0.90 µN·m (90mg·mm)
	Hour	: Less than 0.60 µN·m (60mg·mm)
	Chronograph hands	: Less than 0.05 µN·m (5mg.mm)
<b>-</b>	24 hour indicator	: Less than 0.07 µN·m ( 7mg.mm )
The moment of inertia	24 hour indicator (Disc hand)	: Less than 0.40 µg·m² ( 400mg·mm² )
<ul> <li>Additional function</li> </ul>		minutes in 1 second split time
	24 hour indicator ( syr	nchronized regular hour-hand )
3. BATTERY		
• Type	Silver oxide battery	
Nominal voltage	1.55 V	
Size	φ 9.5 x t 2.0 ( mm )	
Battery life	Approx. 3 years	
Recommended battery	SR920SW ( SEIZAIKEN )	
4. DIAL FIXED METHOD	The dial is fixed by two dial leg holes of the main plate	
5. JEWEL	0 jewel	
6. ANTIMAGNETISM	≧1600 A / m	
( direct current magnetic field )		
7. SHOCK RESISTANCE	On equal level with general quartz movement	
8. OPERATING TEMPERATURE RANGE	From - 5 °C to + 50 °C	
9. TEST OF ACCURACY		
Equipment to be used	SEIKO Quartz Tester	OT - 99
	Greiner Quartz Timer	
	Witschi Q-Tester 400	
Duration of measurement	10 seconds	~
Microphone to be used	Electromagnetic detection type	

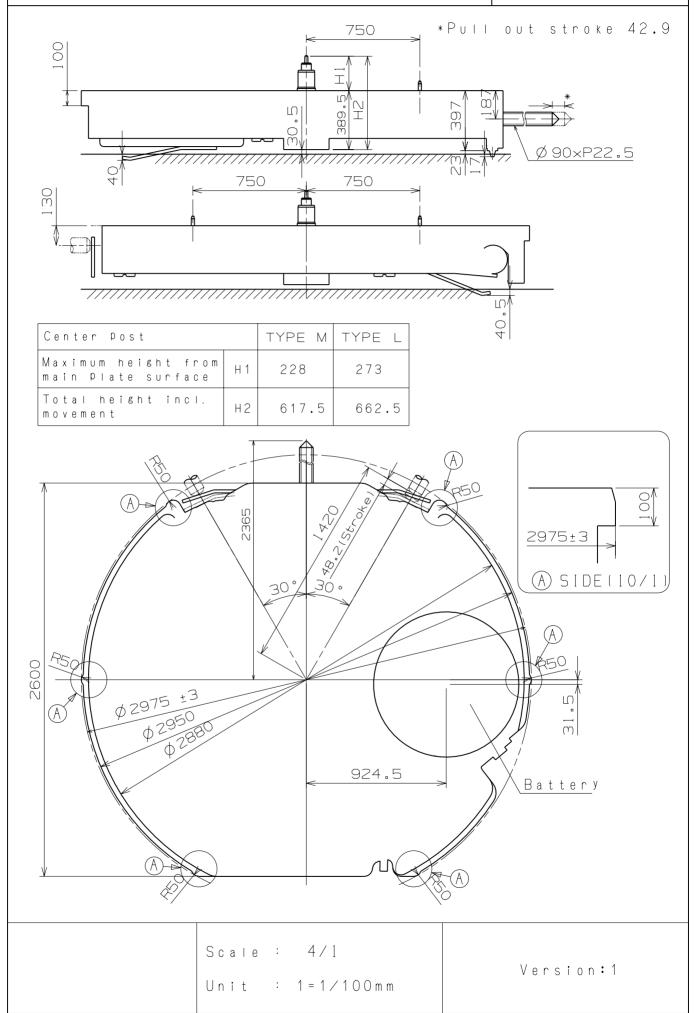
### \* All specifications are subject to change without notice.

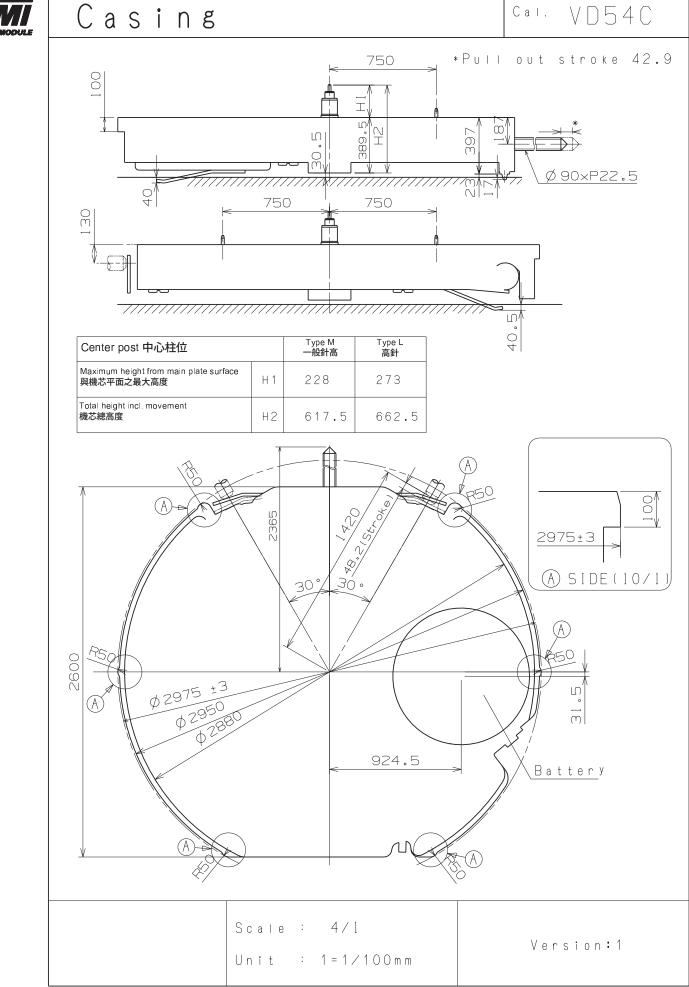




## Casing

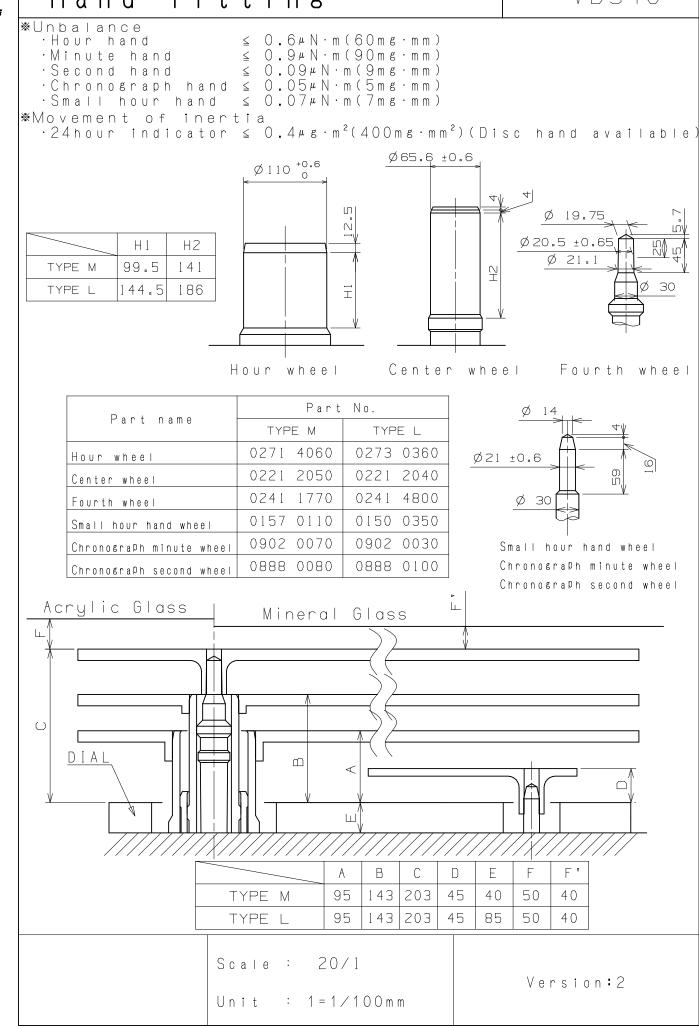
Cal. VD54C

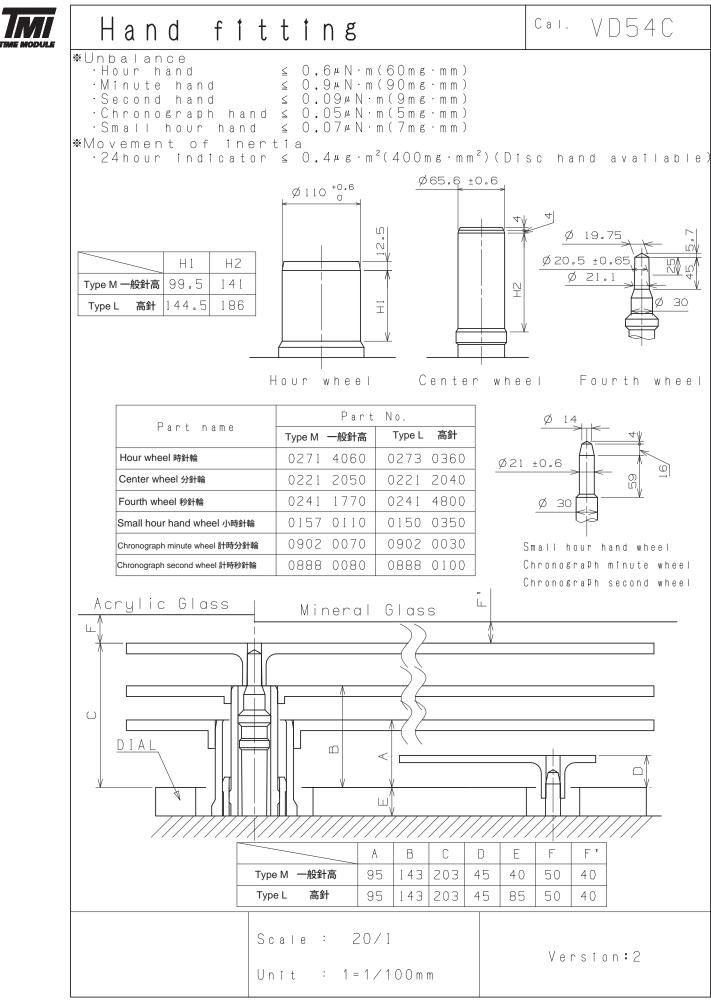


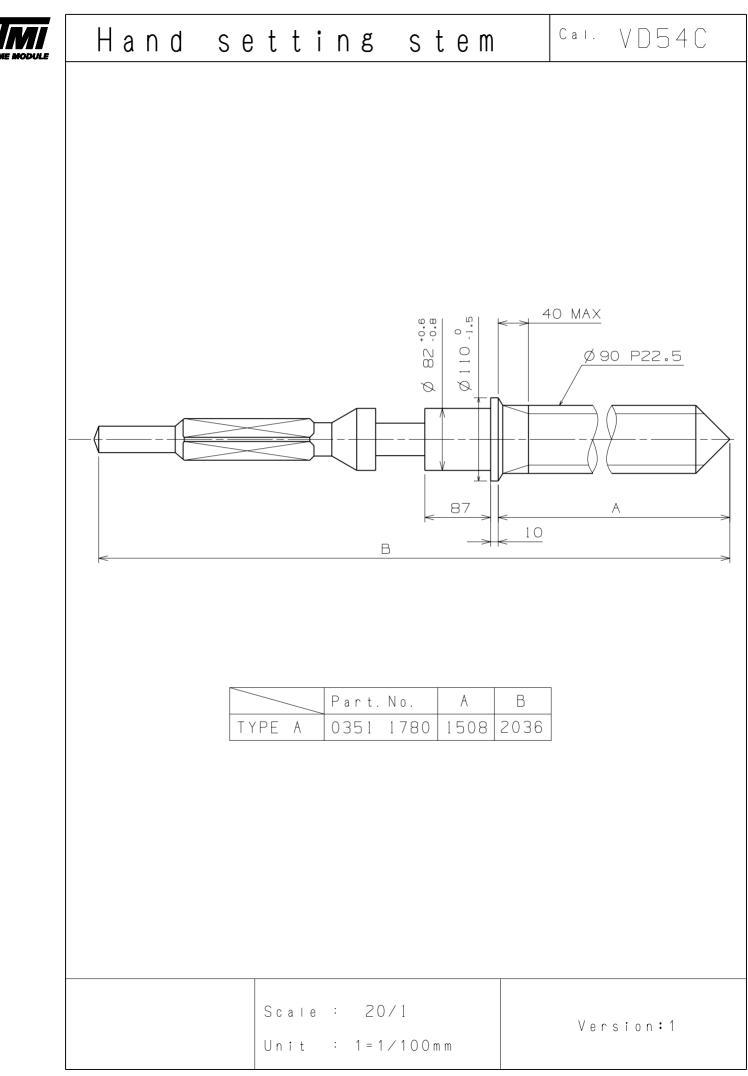


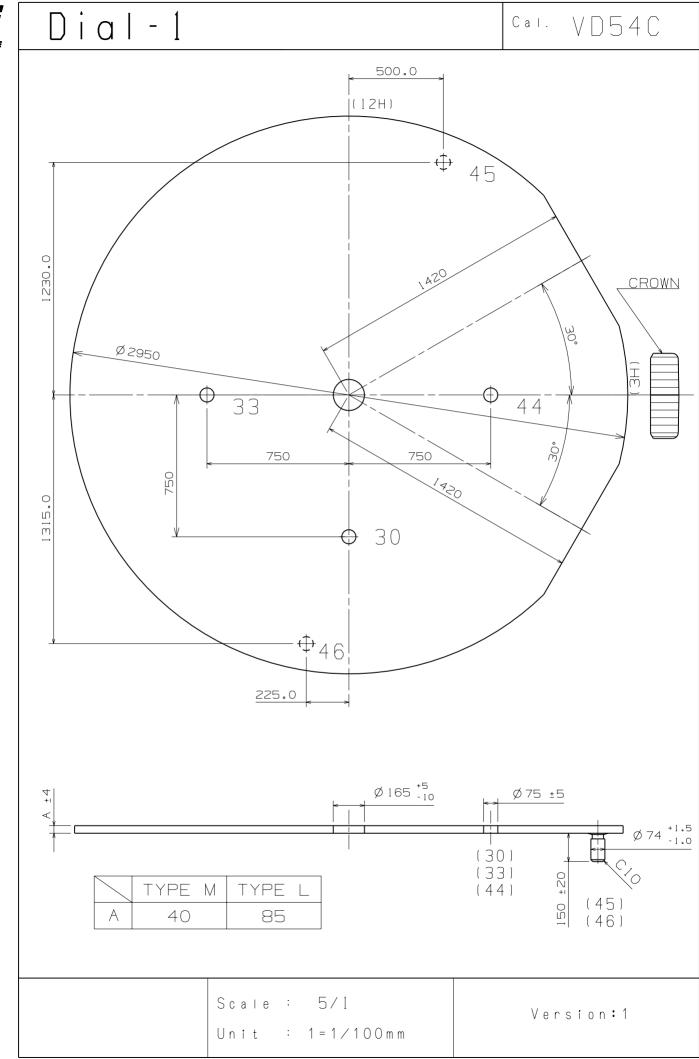
# Hand fitting

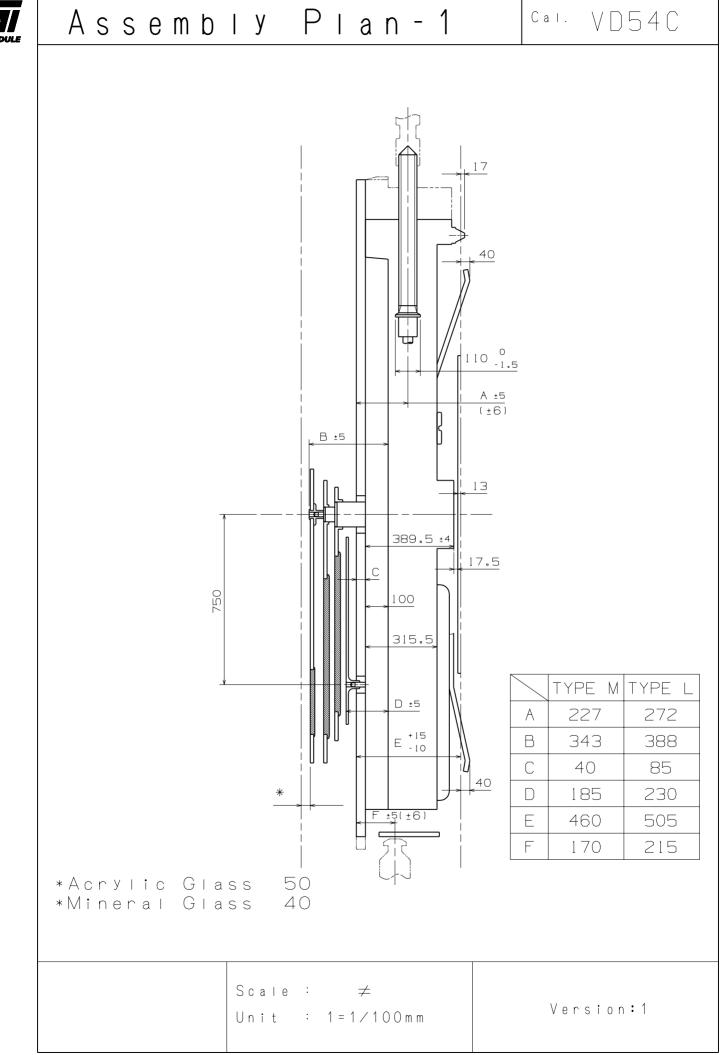
Cal. VD54C





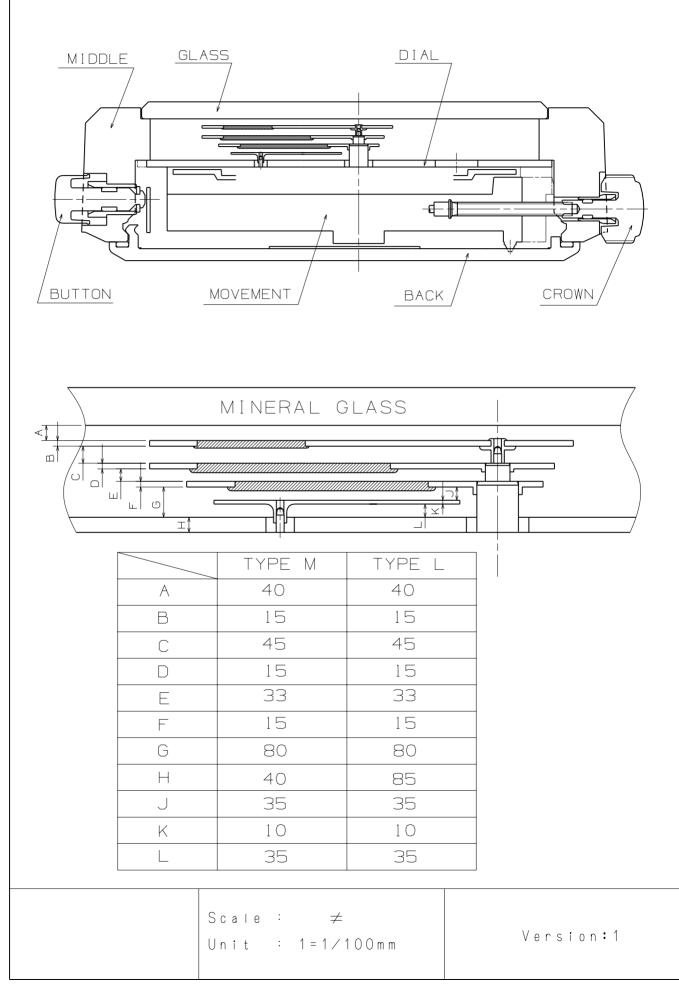


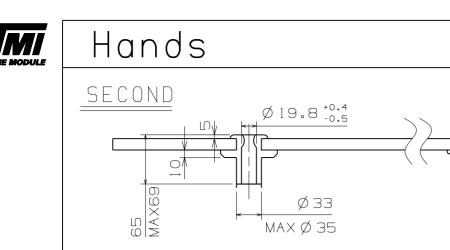




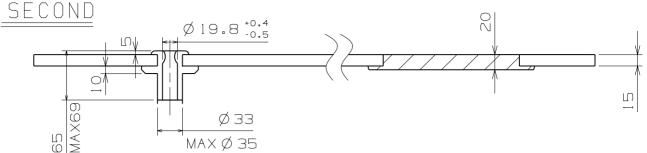


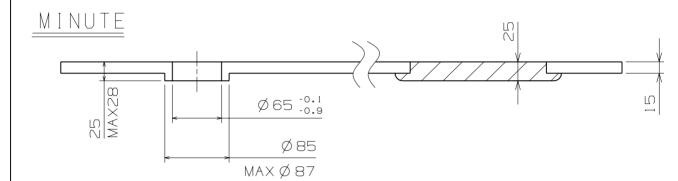
# Assembly Plan-2

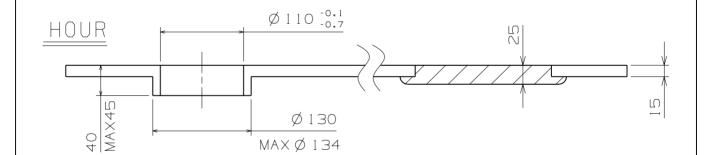


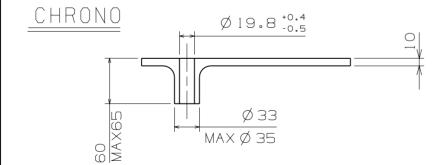


## Ca∣. V D 5 4 C









Scale : 20/1

Unit : 1 = 1 / 100 mm

Version:1