

Cal. NE15B

ϕ 27.40 mm

H 5.32 mm

Item	Version No.
Specification	Version 1
Appearance	Version 1
Casing	Version 1
Hand Fitting	Version 1
Hand Setting Stem	Version 1
Dial	Version 1
Casing Ring	Version 1
Dial Support	Version 1
Assembly Plan	Version 1
Hands	Version 1
Casing Clamp	Version 1



MOVEMENT SPECIFICATION

CAL. NE15B 12 Ligne Mechanical Movement Three Hands with Date

1. MOVEMENT DIMENSIONS

- Outside diameter ϕ 27.40 mm
- Casing diameter ϕ 27.00 mm
- Total height 5.32 mm

2. BASIC FUNCTIONS

- Basic function
 - Three hands
 - Manual winding
 - Automatic winding with ball bearing
Both winding with one way clutch
 - Date display with quick date correction
 - Second hand reset
- Jewels 24 jewels
- Time accuracy -15 ~ +25 second per day ($23 \pm 2^{\circ}\text{C}$)
- Shock resistance Shock-absorber device for balance staff
- Vibration frequency 6 vibrations per second (21,600 vibrations per hour)
- Duration time More than 50 hours
- Regulation hands unbalance
 - Hour : Less than $1.50 \mu\text{N}\cdot\text{m}$ (150 mg·mm)
 - Minute : Less than $1.25 \mu\text{N}\cdot\text{m}$ (125 mg·mm)
 - Second : Less than $0.20 \mu\text{N}\cdot\text{m}$ (20 mg·mm)
- Antimagnetic DC : $\geq 4800 \text{ A / m}$

3. HANDLING AND CORRECTIONS

- 1) Crown at normal position
 - Clockwise : Manual winding
 - Counterclockwise : Free
- 2) Crown pulled out to 1st click
 - Clockwise : Free
 - Counterclockwise : Quick date correction
- 3) Crown pulled out to 2nd click
 - Time setting, second hand reset

4. DIAL FIXED METHOD

The dial is fixed by two dial leg holes with eccentric pins

5. METHOD OF TIME ACCURACY TEST

- Equipment to be used Witschi WATCH EXPERT
- Duration of measurement 20 seconds

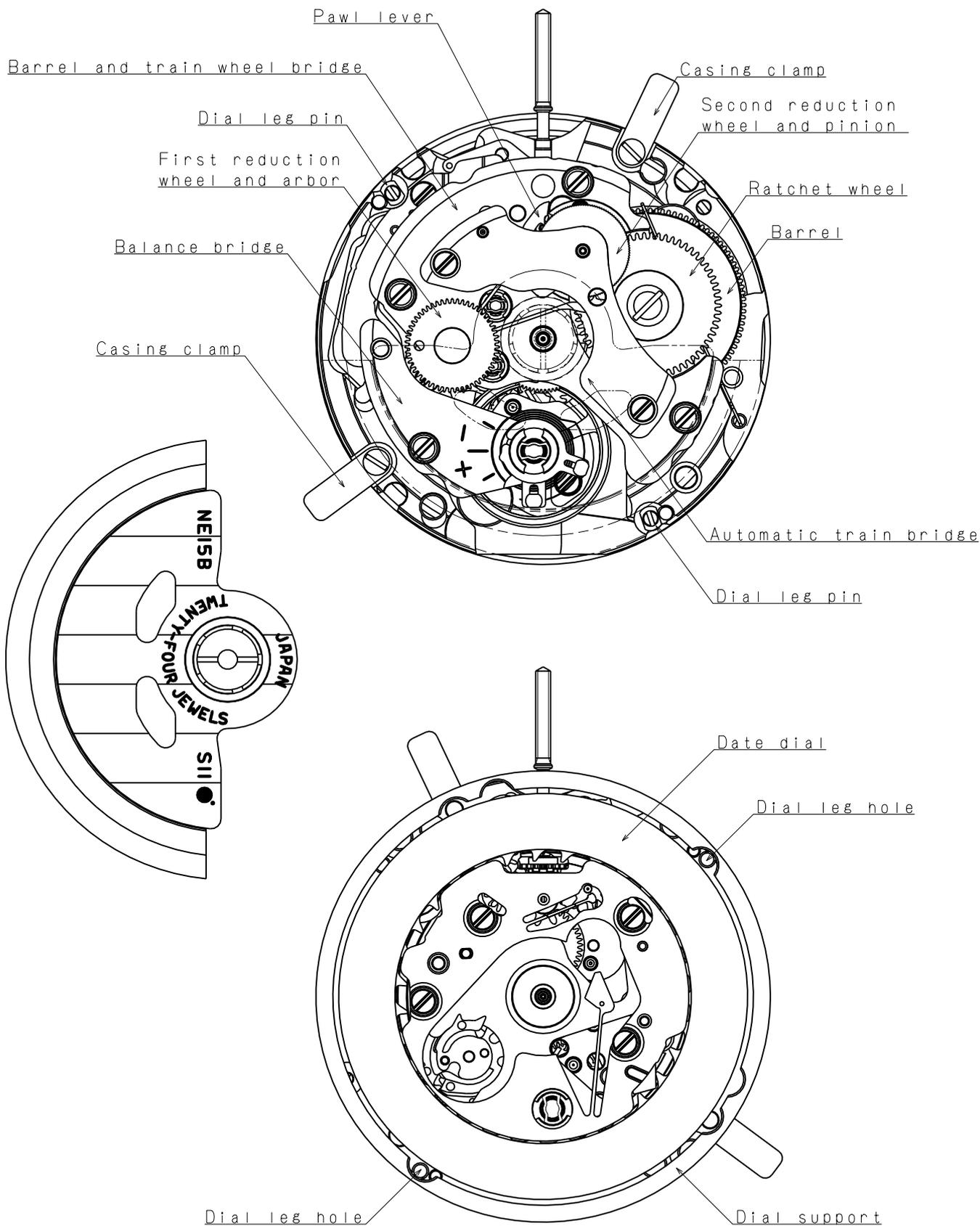
6. FITTING FORCE FOR HANDS

Hour hand : Less than 50 N
Minute hand : Less than 50 N
Second hand : Less than 30 N

7. CASING

The movement is fixed by the casing clamps
*1. Non-corresponding with Diver's watch

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

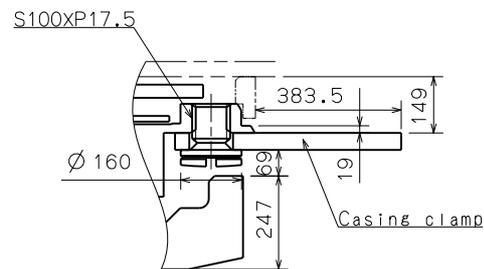
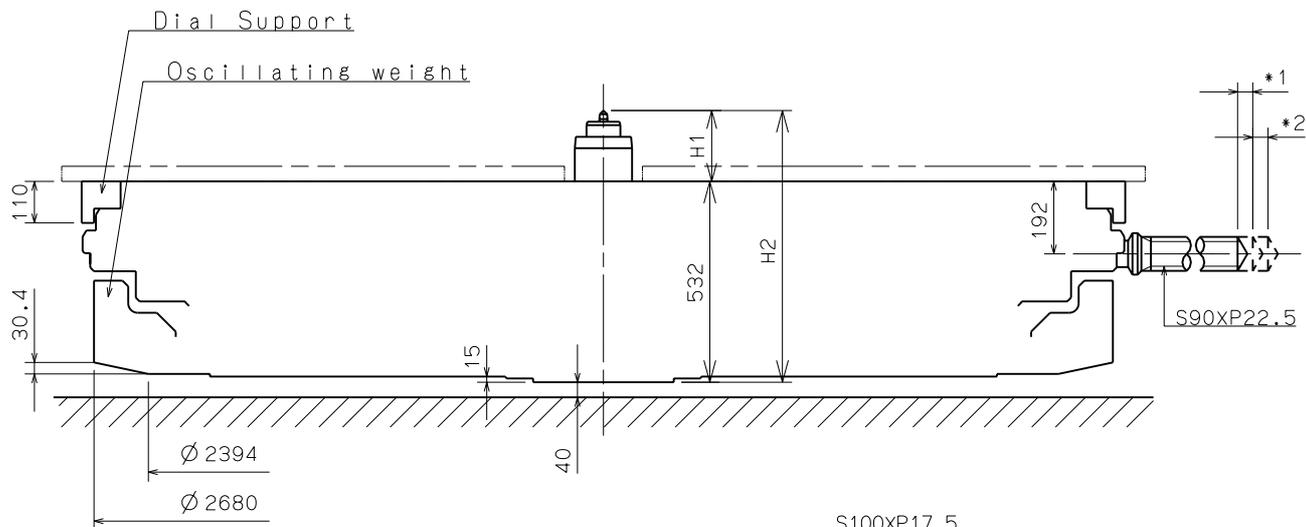


Scale : 3/1
Unit : 1=1/100mm

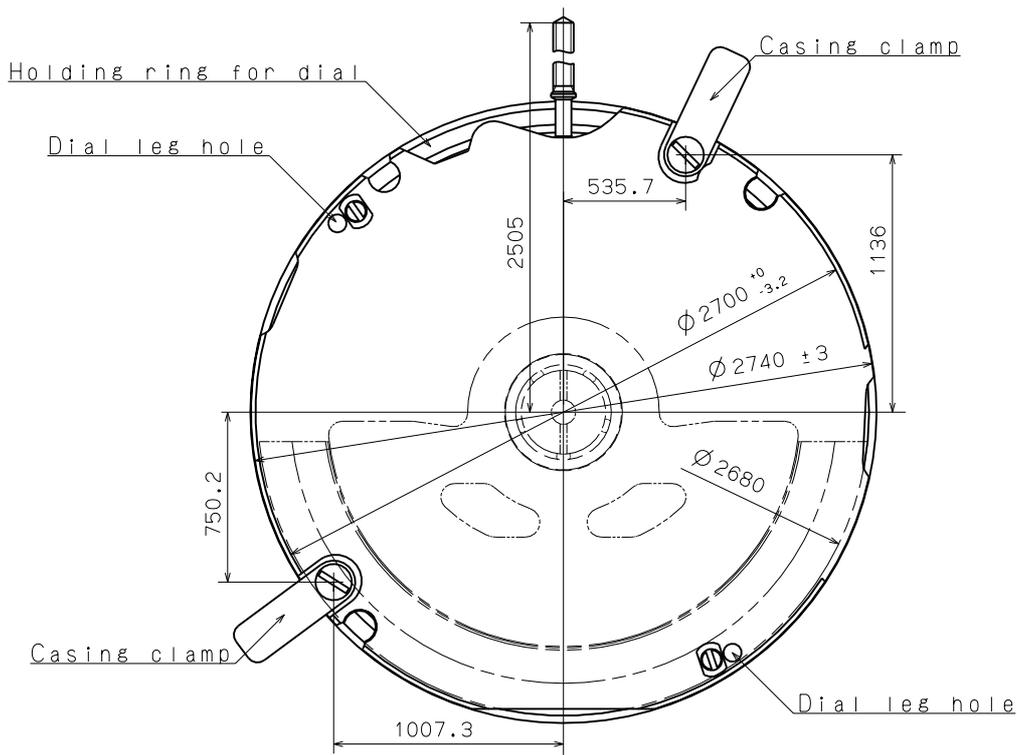
Version : 1

*1. First pull out stroke 39.9

*2. Second pull out stroke 40.0



Center post		TYPE M
Maximum height from dial support surface	H1	190.7
Total height incl. movement	H2	722.7



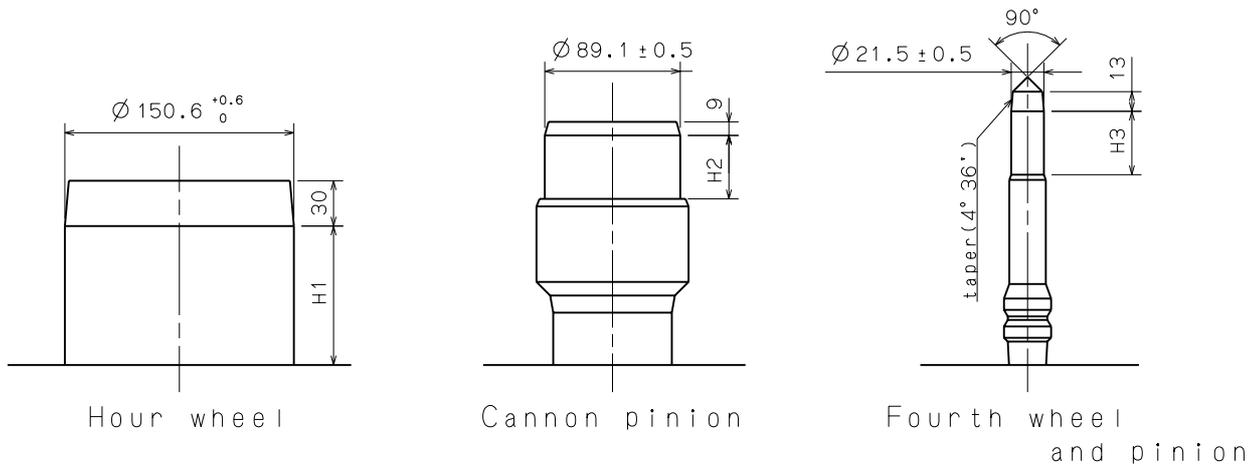
Scale=3/1

Scale : 5/1(3/1)

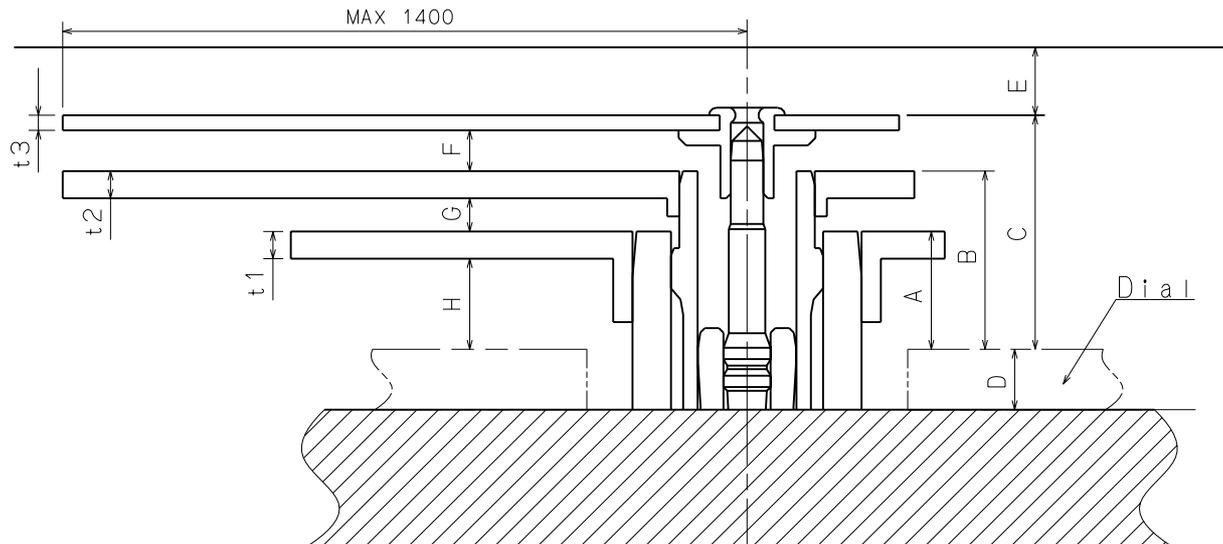
Unit : 1=1/100mm

Version:1

Hour hand unbalance $\leq 1.50\mu\text{N}\cdot\text{m}$ (150mg·mm)
 Minute hand unbalance $\leq 1.25\mu\text{N}\cdot\text{m}$ (125mg·mm)
 Second hand unbalance $\leq 0.20\mu\text{N}\cdot\text{m}$ (20mg·mm)



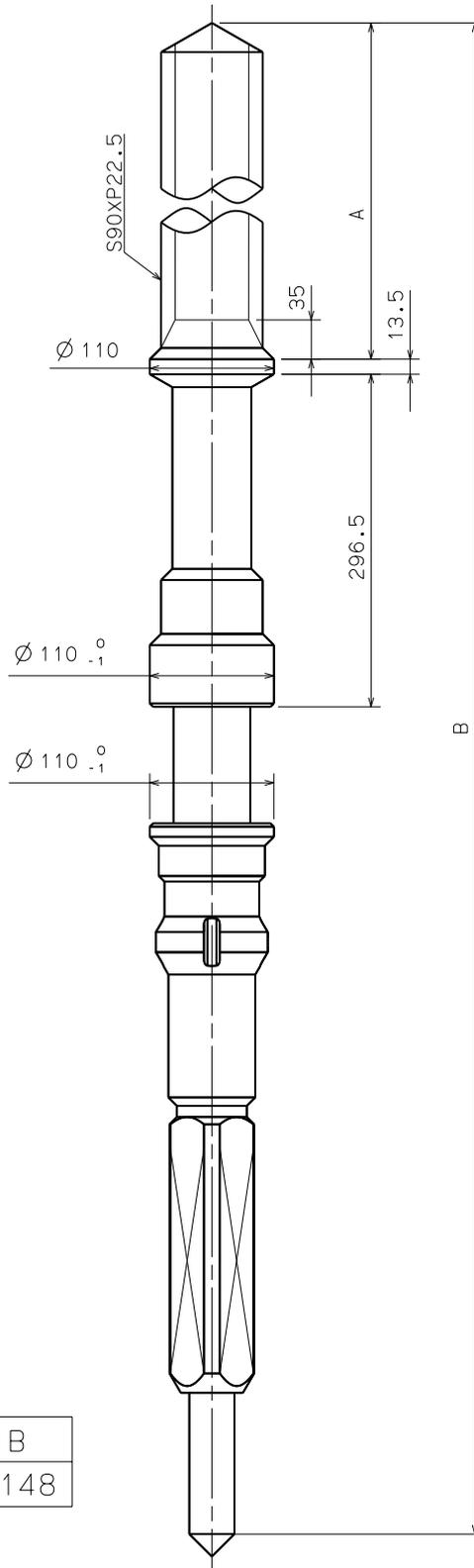
	Part. No.			Dimension		
	Hour wheel	Cannon pinion	Fourth wheel and pinion	H1	H2	H3
TYPE M	0273 182	0225 414	0241 010	88	42	42



	A	B	C	D	E	F	G	H	t1	t2	t3
TYPE M	78	118	155	40	45	27	22	60	18	18	10

Scale : 20/1
 Unit : 1=1/100mm

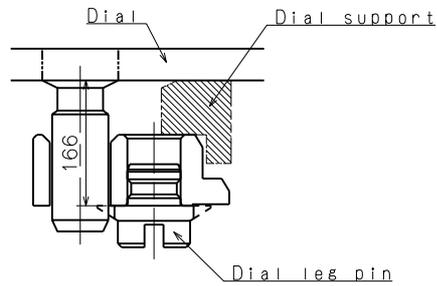
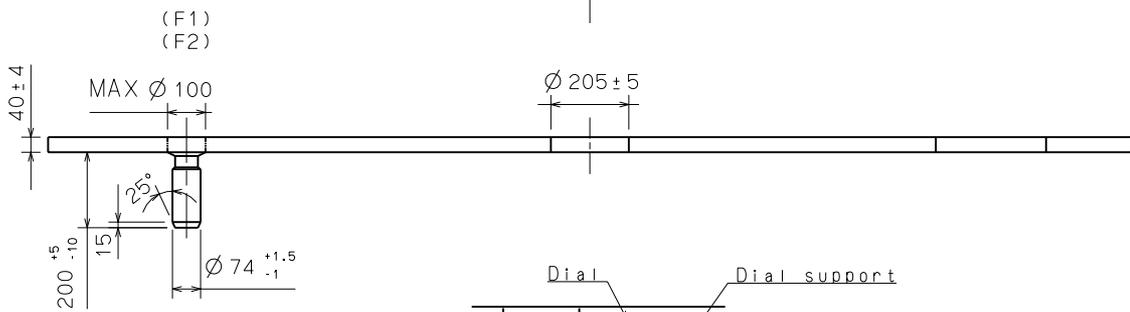
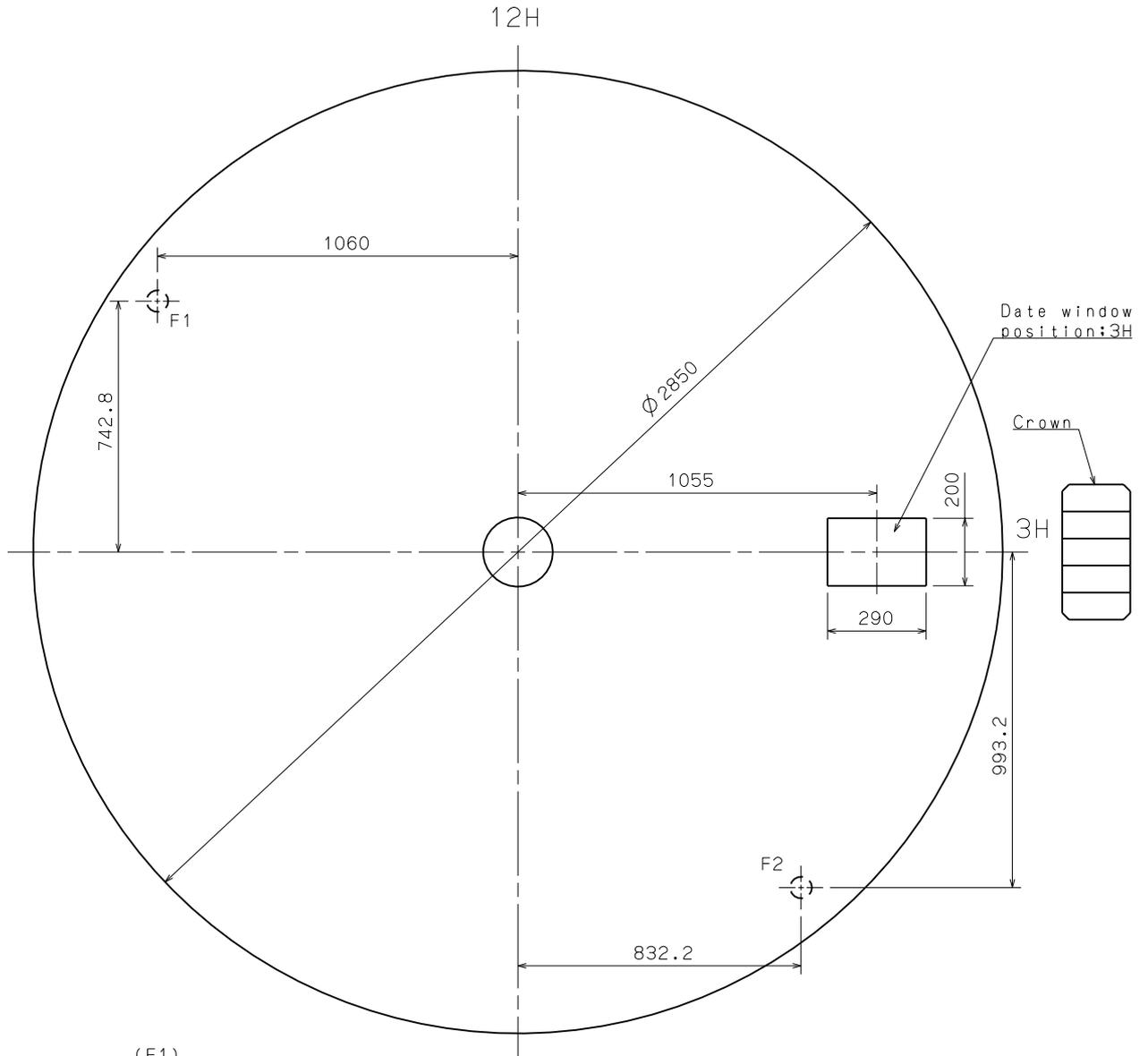
Version : 1



Parts No.	A	B
0351 183	1100	2148

Scale : 15/1
Unit : 1=1/100mm

Version : 1

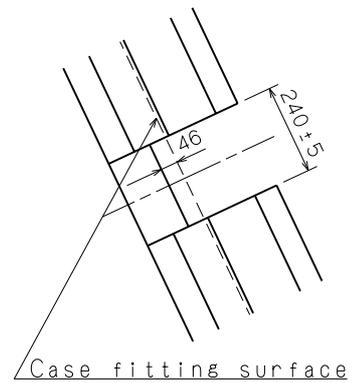
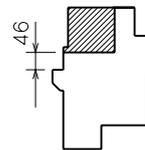
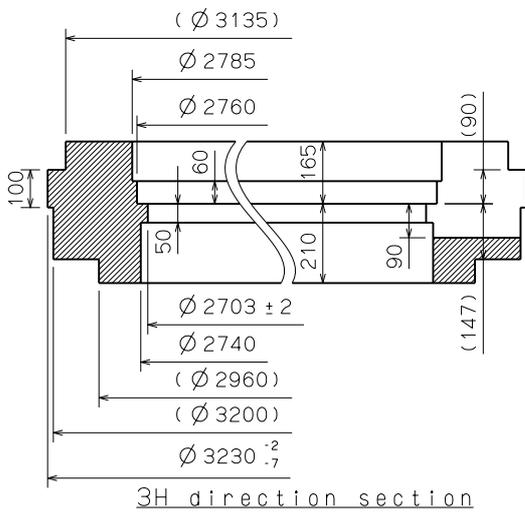
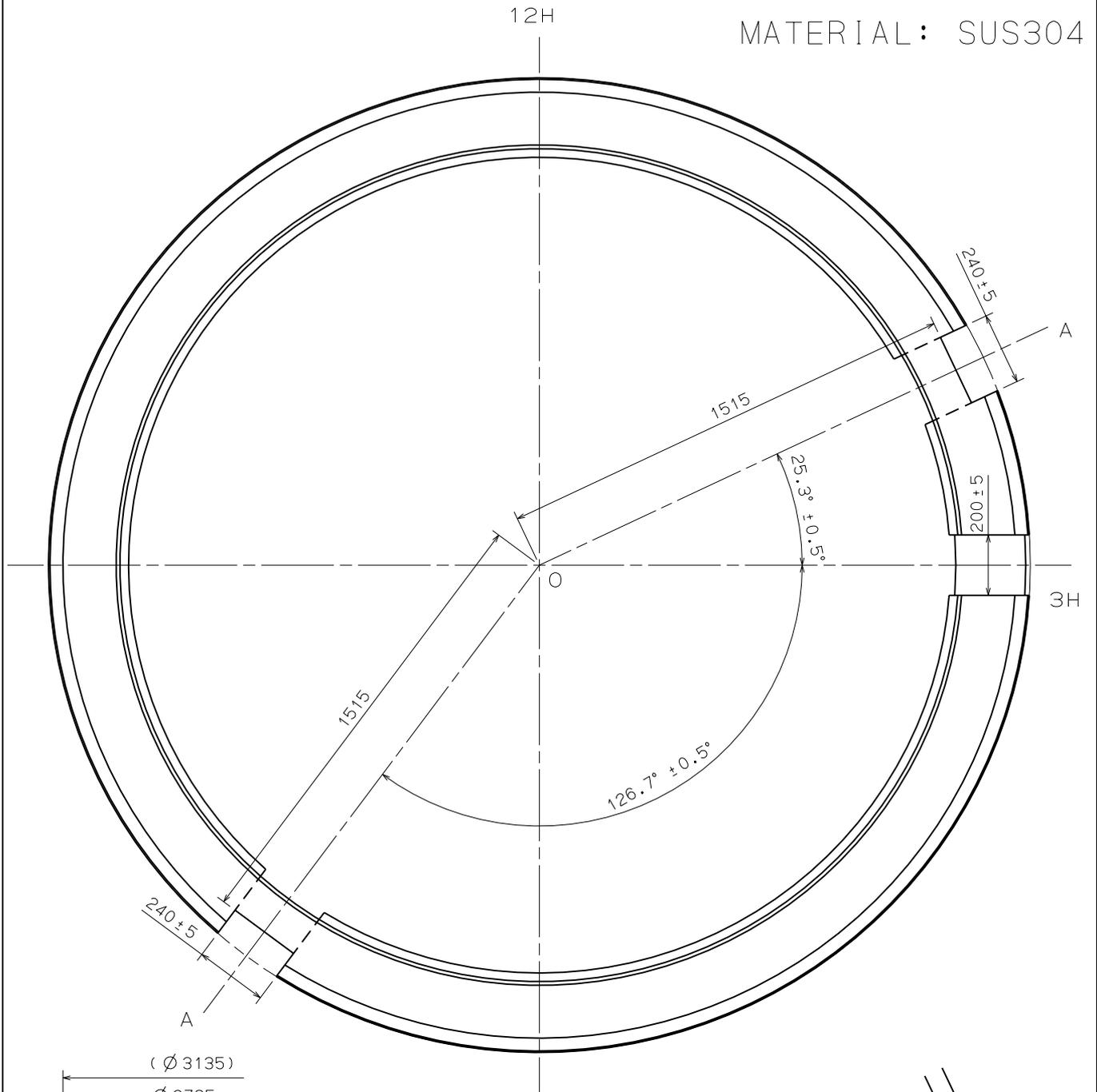


Scale: 10/1

Scale : 5/1 (10/1)

Unit : 1=1/100mm

Version : 1



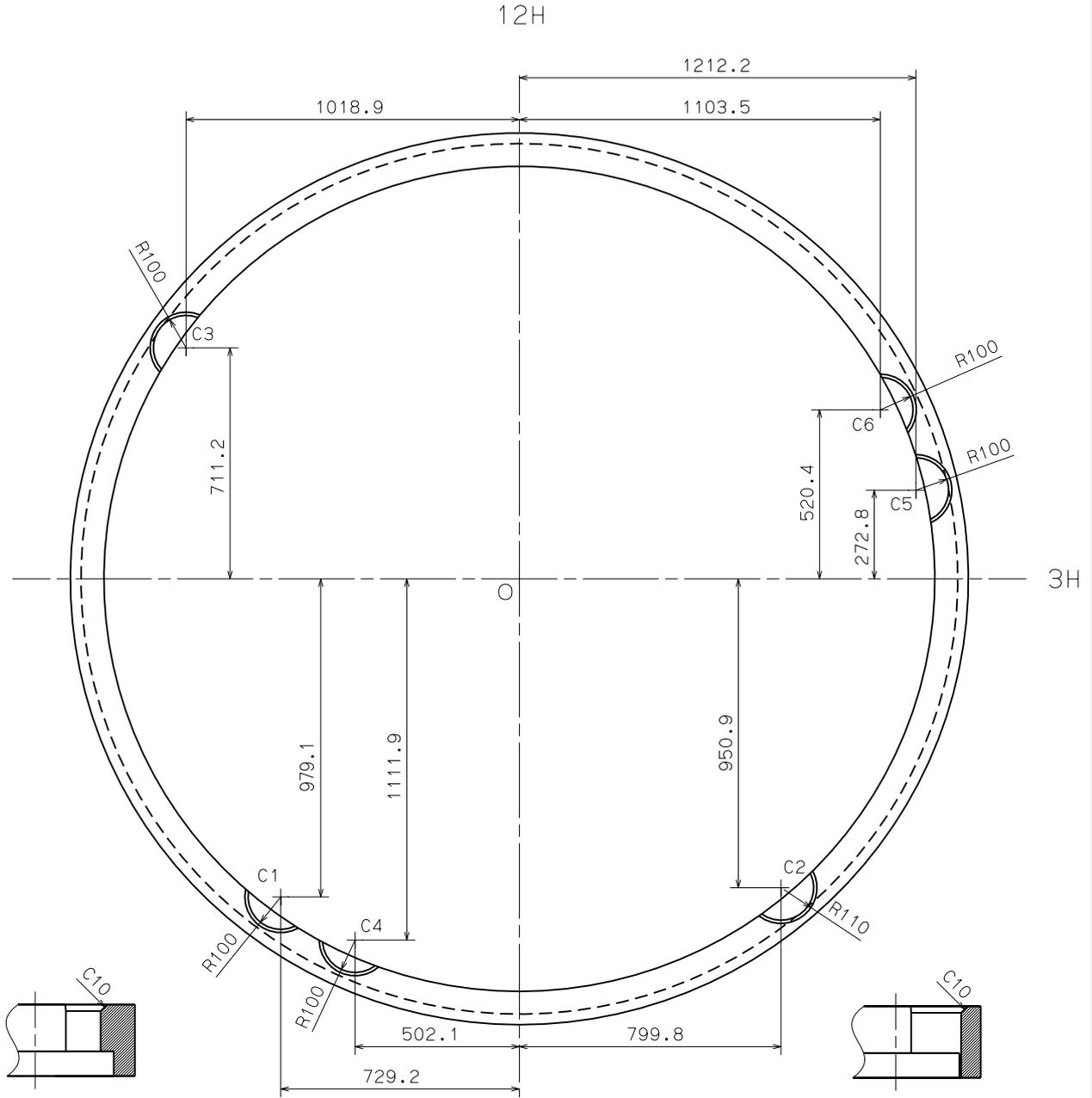
3H direction section

O-A section

A direction view

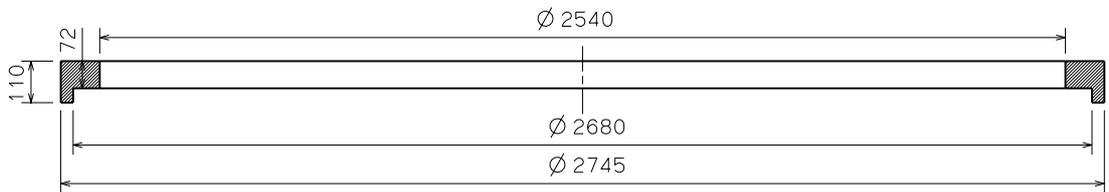
Scale : 5/1
Unit : 1=1/100mm

Version: 1



(C4)(C5)(C6) Section
Scale: 10/1

(C1)(C2)(C3) Section
Scale: 10/1

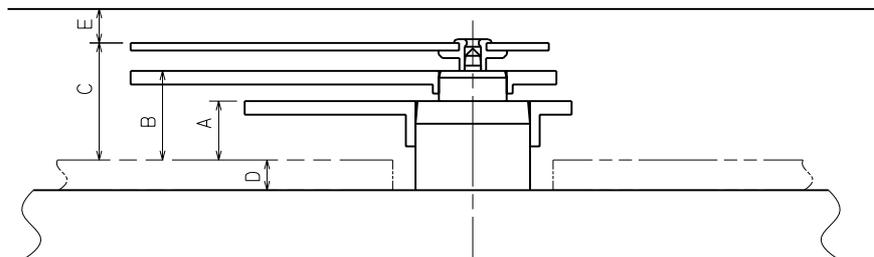
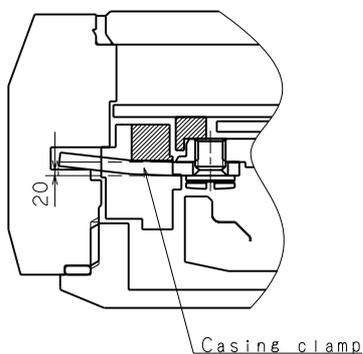
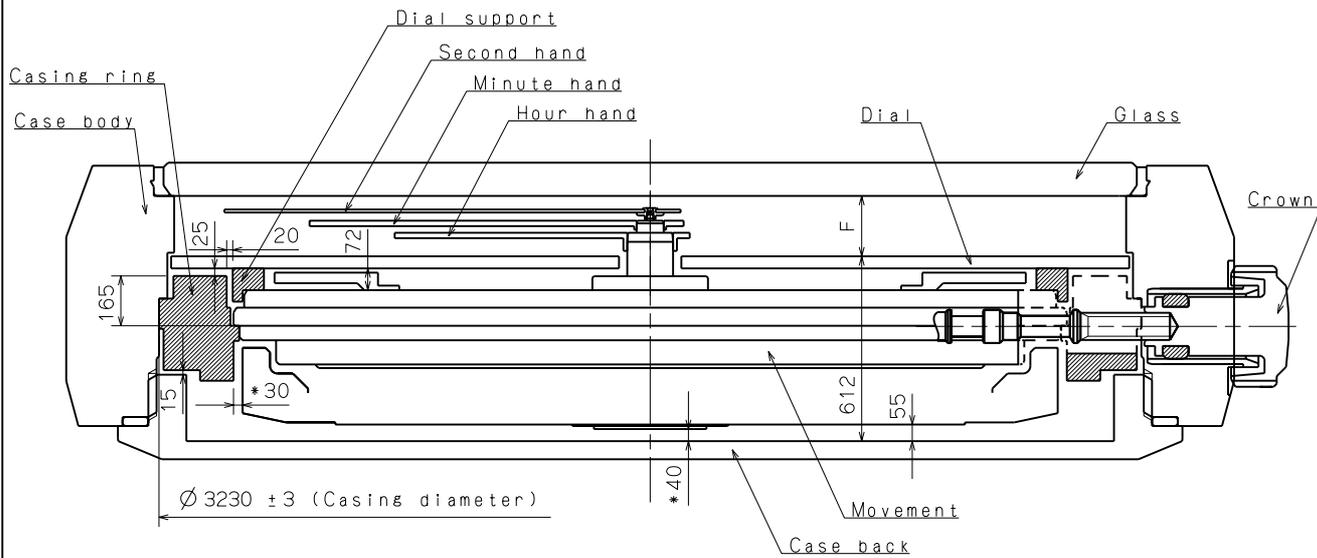


3H direction section

Scale : 5/1
Unit : 1=1/100mm

Version: 1

(Note for clearance *30and*40)
It is STRONGLY RECOMMENDED that these clearance should be applied without modification.

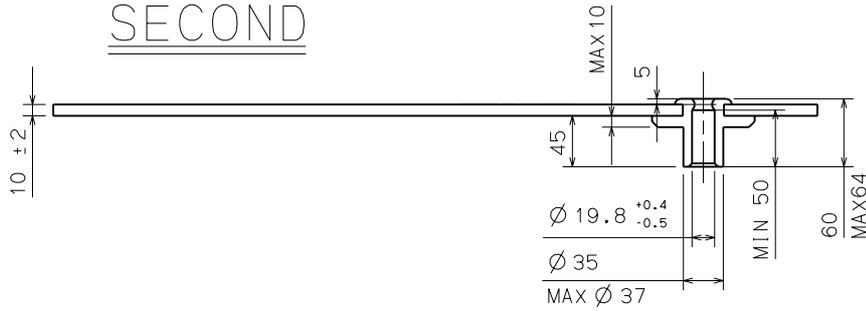


	A	B	C	D	E	F
TYPE M	78	118	155	40	45	200

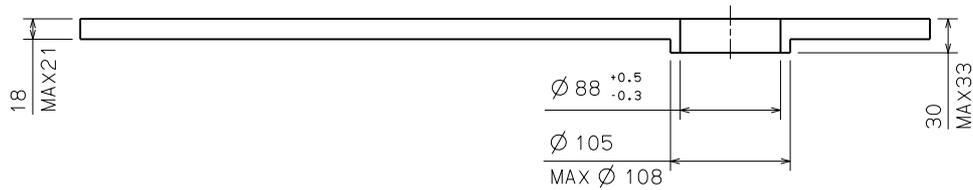
Scale : -
Unit : 1=1/100mm

Version : 1

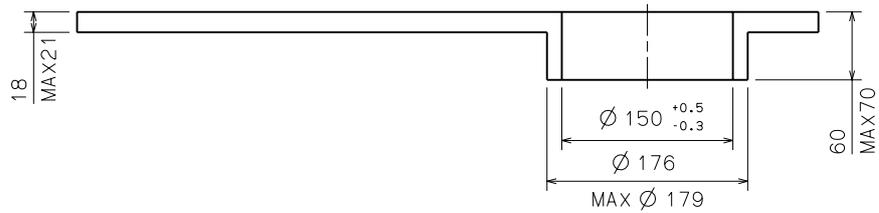
SECOND



MINUTE



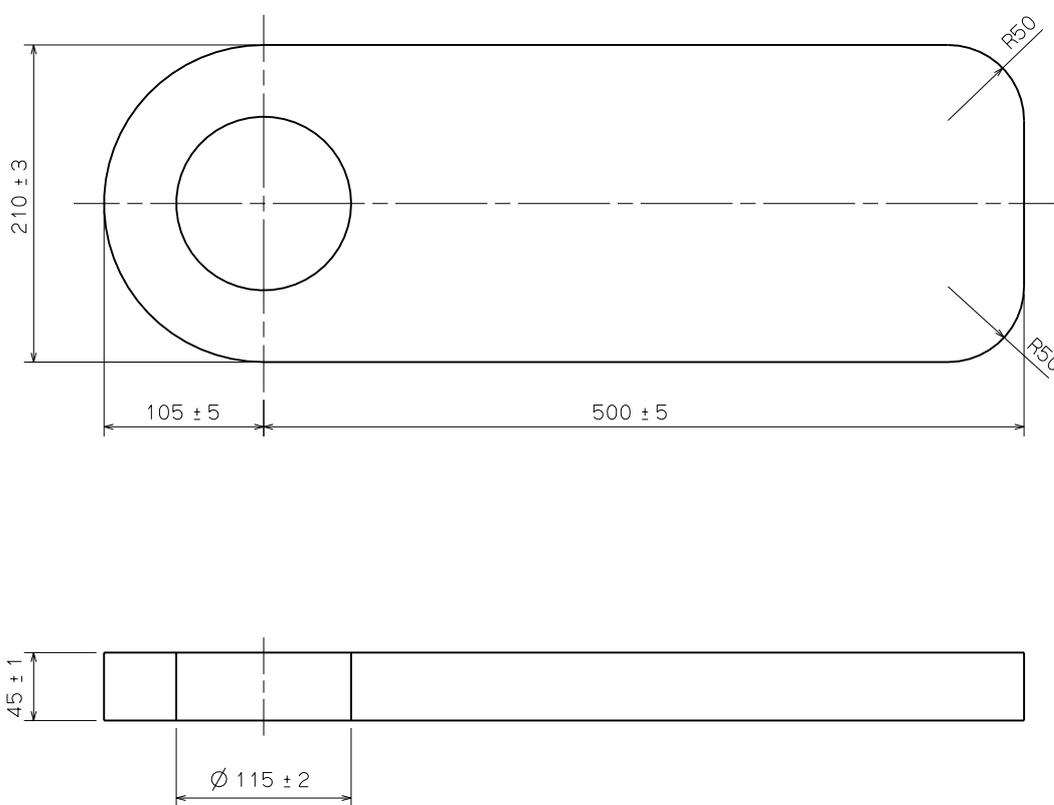
HOUR



Scale : -

Unit : 1=1/100mm

Version : 1



MATERIAL : SUS631-CSP3/4H
HARDNESS : Hv500±30

Scale : 20/1

Version : 1

Unit : 1=1/100mm