MIYOTA

Cal. GL20/GL15/GM15/GN15

SLIM G SERIES

1. Basic Specification

Calibre	GL20	GL15	GM15	GN15
Ligne	6 3/4 x 8‴		10 1/2‴	8 3/4‴
Overall length	15.3 x 18.2	16.1 x 18.2		
Case fitting length	15.3 x 17.8	16.1 x 17.8		
Overall diameter			Φ23.7 x 22.6(3H-9H) x 22.6(6H-12H)	Φ20.0 x 18.0(3H-9H)
Case fitting diameter			Φ23.3 x 21.4(3H-9H) x 22.1(6H-12H)	Φ19.4 x 17.0(3H-9H)
Total height	2.28mm	2.71mm		
Hands	2 Hands			
Date	N/A	○		
Battery Life	5 Years			
Battery	SILVER OXIDE SR621SW or equivalent			

< Time Standard >

Type of quartz : Tuning fork type quartz crystal
Frequency : 32,768Hz
Accuracy : ±20 second / month worn under normal circumstances

<Others>

Driving system : Two-pole stepping motor
Jewel : No(0) jewels

<Additional Mechanisms>

Super Quick Date Change by turning crown (except GL20)
Powercell Saving Reset Mechanism(PSRM)
Over-loading Compensation Device(OLCD)
Digital Frequency Control(DFC) for time adjustment

< Balanceable weight of hand >

Minute hand Max. 0.4μNm

2. Separated Parts

Calibre	GL20	GL15	GM15	GN15
Setting stem	065-541	065-547	065-543	065-547

3. Remarks

*** Measurement of time rate**

The unit(gate) time of measurement must be set at "10 sec." or integer fold value of 10 sec. Owing to the DFC system, and the measurement must be performed in the form of complete watch.

*** Marking on movement**

NO JEWELS
(CAL. NO.)
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*** Typical clearance**

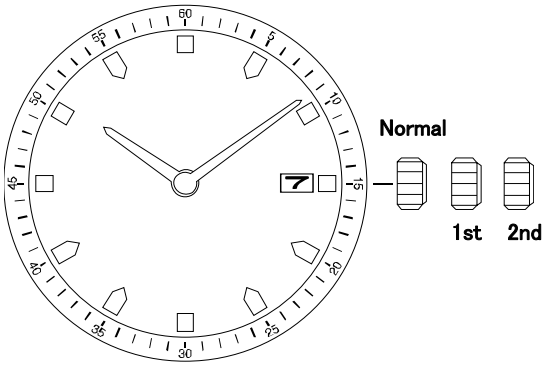
Mov't - Caseback	minimum 150 μm
Top of hands - Glass	300 - 400 μm *

* subject to the glass, case structure, and the length of hand

*** Interchangeability of appearance components:** *respectively Date to Date

Dial Foot positon & the diameter	same as Cal. 1L/1M series*
Date window position	same as Cal. 1L/1M series*
Hands	same as Cal. 20,21,1L/1M series*
Mov't Holder	Basically same as 1L/M* (Please be careful not to push 3H & 9H side by your movement holder except GL20.)
Case	same as Cal. 1L/1M series* (GL20 is slightly thicker than 1L22. please make sure if your previous case can fit or be modified.)

【Displays and Buttons】



A) SETTING THE TIME

1. Pull the crown out to the 2nd Click Position. (GL20 : 1st Click Position)
2. Turn the crown to set hour and minute hands.
3. After the time has been set, push the crown back to the Normal position.

B) SETTING THE DATE (except GL20)

1. Pull the crown out to the 1st Click Position.
2. Turn the crown counter-clockwise to set the date.

* If the date is set between the hours of around 9:00 PM and 1:00 AM, the date may not change on the following day.

3. After the date has been set, push the crown back to the Normal position.

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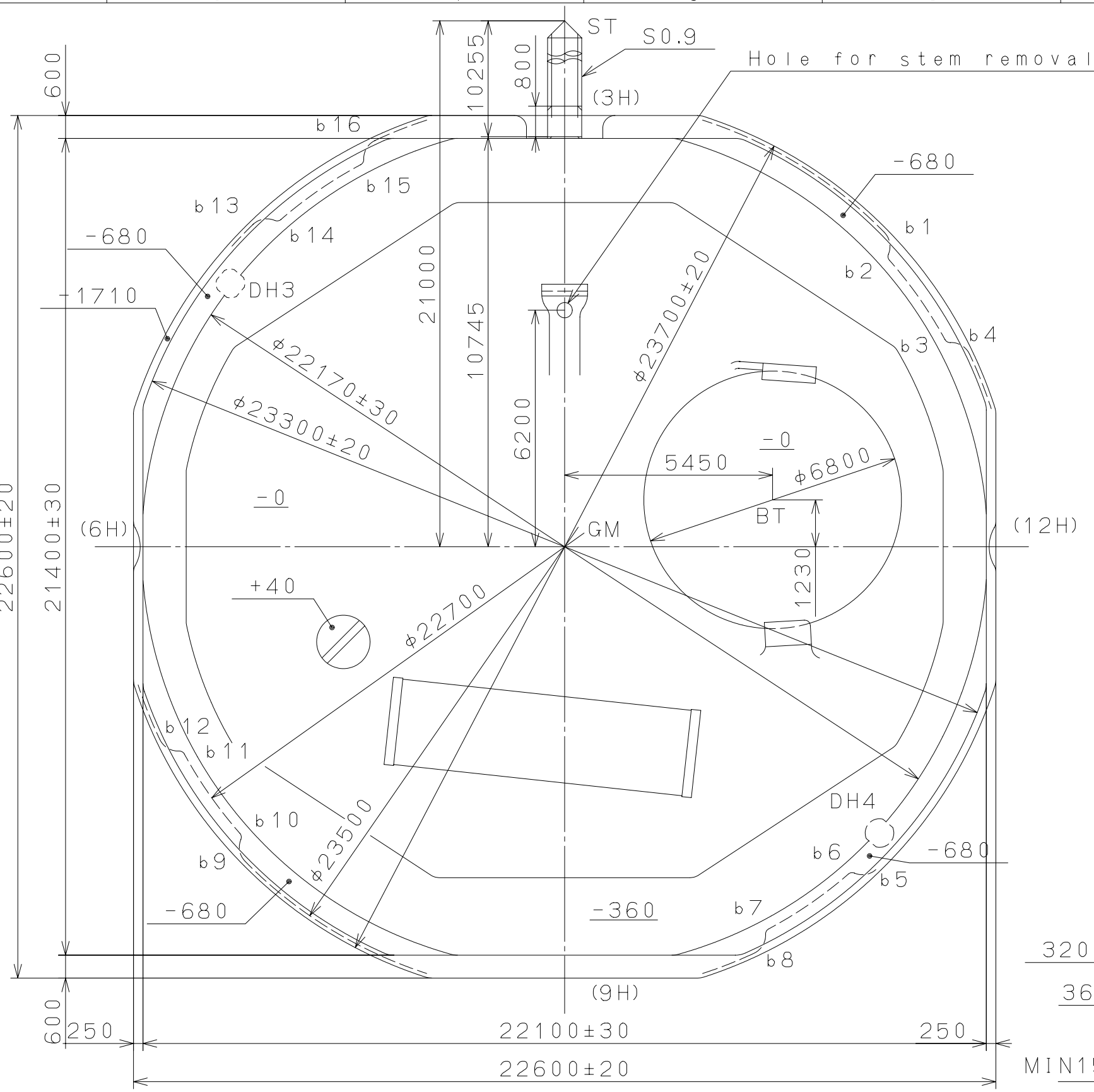
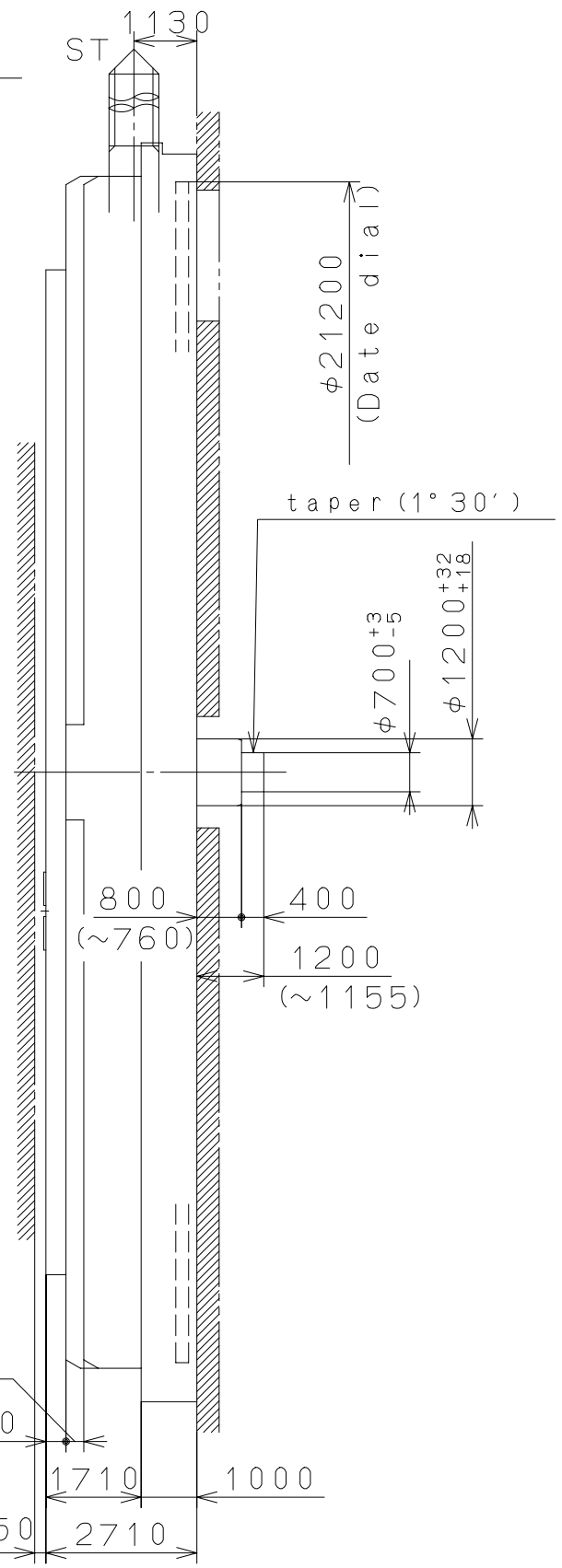
This drawing is provisional and subject to our reconfirmation and/or revision without notice.

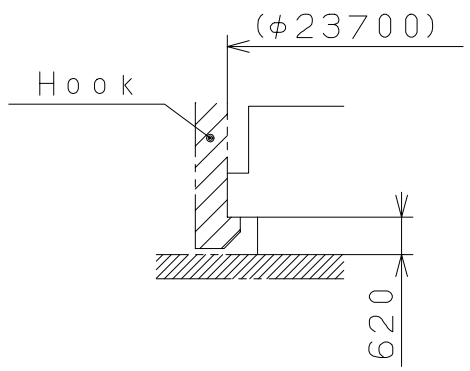
DH3~DH4=22287 (±20)

Coordinates

記号	X	Y	R
GM	0	0	——
DH3	-8759	6900	——
DH4	8251	-7500	——
b1	7996	7871	530
b2	8624	7608	150
b3	10099	5501	150
b4	10131	4822	530
b5	7803	-8063	530
b6	7535	-8688	150
b7	5416	-10145	150
b8	4736	-10171	530
b9	-7996	-7871	530
b10	-8624	-7608	150
b11	-10099	-5501	150
b12	-10131	-4822	530
b13	-7803	8063	530
b14	-7535	8688	150
b15	-5416	10145	150
b16	-4736	10171	530

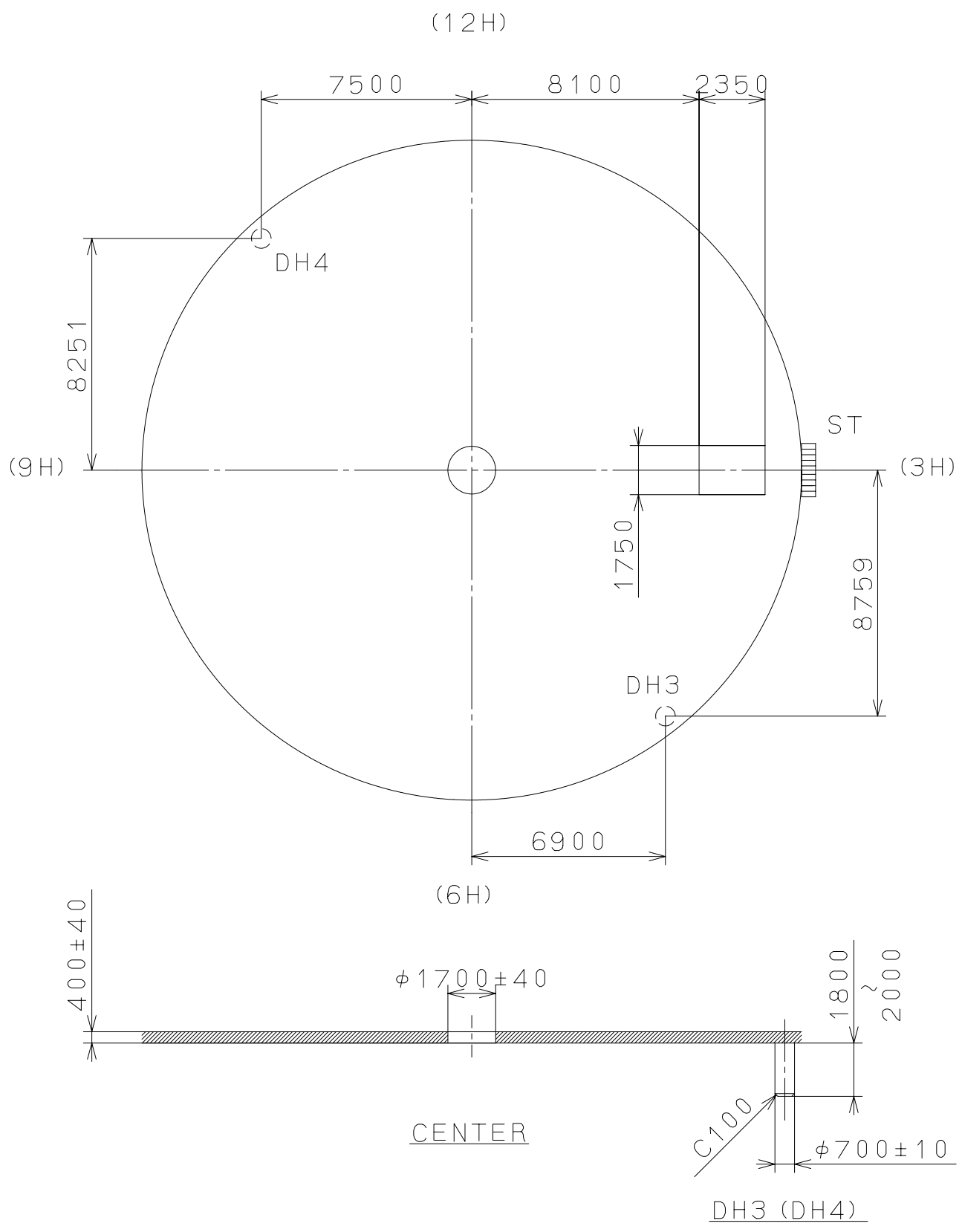






Section b1~b16

5			Quantity			Cal.NO.:GM15
4			Unit	1／1000mm		
3			Scale	8／1		Parts No.:
2				Date	Name	
1			Drawn			
Mark	Date	Description Appro.	Checked		M.Fukuda	Name:Frame for Case
Alterations			Approved			
Material						Drawing No.:GM15C000
Heat Treatment			General Tolerances			
Hardness			Dimensions			
Plating			Angles			



⑤			Quantity			Cal.NO.:GM15-00A
④			Unit	1／1000mm		
③			Scale	5／1		Parts No.:
②				Date	Name	
①			Drawn			
Mark	Date	Description Appro.	Checked		M.Fukuda	Name:
Alterations			Approved			Indications for Dial
Material						Drawing No.:GM15D000
Heat Treatment			General Tolerances			
Hardness			Dimensions			
Plating			Angles			